Baseline Water Quality Data

Inventory and Analysis

Mesa Verde National Park



Water Resources Division and Servicewide Inventory and Monitoring Program

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

MESA VERDE NATIONAL PARK

National Park Service
Water Resources Division
Fort Collins, CO 80525

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EXECUTIVE SUMMARY

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

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located seven industrial/municipal dischargers; five drinking water intakes; eight active or inactive U. S. Geological Survey (USGS) stream gages; and 13 water impoundments. The results of the STORET retrieval for the study area yielded 10,478 observations for 217 separate parameters collected by the NPS, USGS, U. S. Bureau of Reclamation, U. S. Forest Service, and Colorado Department of Health (CDH) at 171 monitoring stations from 1901 through 1998[†]. Approximately 38 percent of the 10,478 observations within the study area were entered by the NPS from data collected from 1976 through 1998. Of the 171 monitoring stations, 60 stations established in STORET by the NPS were located within the park boundary (see Station Period of Record Tabulation). Fourteen stations within the study area (none within the park boundary) were established but contained no data.

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Three stations within the study area, but outside of the park boundary, yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longer-term records within the study area are: (1) Mancos River at Mancos (U. S. Route 160 Bridge) (MEVE 0021); (2) Mancos River near Cortez (MEVE 0103); and (3) Mancos River below Johnson Canyon near Cortez (MEVE 0106)[††].

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the MEVE water quality criteria screen found 17 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, cadmium,

[†]Of the 10,478 observations reported in the study area, one elevation value, entered in STORET by the CDH, was dated 01/01/01. The second oldest observation in STORET for the MEVE study area was collected in 1971. Consequently, a more representative period of record for observations in the study area would be from 1971 through 1998.

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

copper, lead, selenium, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Chloride, sulfate, nitrate, nitrite plus nitrate, cadmium, chromium, lead, nickel, selenium, and uranium exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 230 times at 30 monitoring stations from 1973 through 1994. One concentration of 3.9 milligrams per liter (mg/L) in a large wetland area approximately 1/4 mile south of Road G (MEVE 0030) was less than the 4 mg/L EPA criterion for the protection of freshwater aquatic life in June 1994.

The pH was measured 448 times at 123 monitoring stations from 1971 through 1998. Nineteen observations at 11 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1976 through 1991. Fifteen observations were less than or equal to pH 6.5 and four observations were greater than or equal to pH 9.0. Nine of the observations less than or equal to pH 6.5 were reported at seven stations within the park, at five springs (MEVE 0087, MEVE 0127, MEVE 0130, MEVE 0142, MEVE 0151) and two potholes (MEVE 0153, MEVE 0154), from 1987 through 1991, including the lowest pH of 4.5 SU at a spring near U. S. Route 160 (MEVE 0087) in October 1989. All of the observations greater than or equal to pH 9.0 were reported in the Mancos River upstream from Mancos (MEVE 0016) during 1978 and 1979, including the highest pH of 9.3 SU in August 1979.

Turbidity concentrations were measured 51 times at two monitoring stations in the Mancos River near Mancos (MEVE 0016, MEVE 0021) from 1971 through 1980. Five concentrations at the two stations, ranging from 50 Formazin Turbidity Units (FTU) to 120 FTU, equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units from 1975 through 1980. Four of the observations exceeding the criterion were reported in the Mancos River at the U. S. Route 160 Bridge (MEVE 0021) from 1975 through 1980, including the highest concentration of 120 FTU in May 1980.

Total coliform concentrations were measured 96 times at 34 monitoring stations from 1971 through 1998. Twenty-one concentrations at 14 stations exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1972 through 1997. Fifteen of the observations exceeding the criterion were reported at 11 stations within the park from 1991 through 1996, including the highest concentration of at least 240,000 MPN/100 ml at Turkey Spring (MEVE 0090) in September 1994. Fecal coliform concentrations were measured 163 times at 32 monitoring stations from 1971 through 1998. Of the 162 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 31 concentrations at 12 stations exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1971 through 1998. Eighteen of the observations exceeding the criterion were reported from two stations in the Mancos River (MEVE 0021, MEVE 0062) from 1971 through 1996. Twelve of the observations exceeding the criterion were reported at nine stations within the park (MEVE 0081, MEVE 0083, MEVE 0086, MEVE 0090, MEVE 0100, MEVE 0119, MEVE 0122, MEVE 0138, MEVE 0149) from 1991 through 1998, including the highest concentration of 17,000 MPN/100 ml at the Wetherill Sewer Lagoons (MEVE 0149) in July 1995.

Chloride concentrations (including dissolved and total) were measured 263 times at 80 monitoring stations from 1971 through 1998. Five dissolved concentrations, ranging from 284 mg/L to 630 mg/L at five springs, within the park at Waters Spring (MEVE 0074), near U. S. Route 160 (MEVE 0087), in School Section Canyon (MEVE 0098), and Echo Cliff Dike Spring (MEVE 0127) and outside the park at Hind Marsh Spring (MEVE 0101), exceeded the secondary drinking water criterion of 250 mg/L from 1987 through 1993. The highest concentration of 630 mg/L was reported at a spring in School Section Canyon (MEVE 0098) in August 1993.

Sulfate concentrations (including dissolved and total) were measured 331 times at 79 monitoring stations from 1971 through 1998. One-hundred-forty-eight concentrations at 47 stations equaled or exceeded the secondary drinking water criterion of 250 mg/L from 1975 through 1998. Approximately 53 percent of the observations exceeding the criterion were reported at nine stations in the Mancos River (MEVE 0021, MEVE 0044, MEVE 0051, MEVE 0059, MEVE 0060, MEVE 0062, MEVE 0097, MEVE 0103, MEVE 0106) from 1975 through

1998. The highest concentration of 7,800 mg/L was reported at Hind Marsh Spring (MEVE 0101) in October 1987.

Nitrate concentrations (including dissolved and total as N and dissolved as NO_3) were measured 163 times at 50 monitoring stations from 1971 through 1998. Seven concentrations at three stations within the park (MEVE 0072, MEVE 0085, MEVE 0087) exceeded the drinking water criteria of 10 mg/L for nitrate as N or 44 mg/L for nitrate as NO_3 from 1984 through 1995. Five nitrate as NO_3 concentrations, ranging from 51.4 mg/L to 316 mg/L at two springs, Big Hill Pipes near the Morefield Campground (MEVE 0085) and near U. S. Route 160 (MEVE 0087), exceeded the drinking water criterion of 44 mg/L for nitrate as NO_3 from 1984 through 1995. Two dissolved as N concentrations at two stations, 365 mg/L in Whites Canyon Reservoir (MEVE 0072) and 12 mg/L at a spring near U. S. Route 160 (MEVE 0087), exceeded the drinking water criterion of 10 mg/L for nitrate as N in September 1990 and October 1989, respectively.

Nitrite plus nitrate concentrations (including dissolved and total) were measured 186 times at 31 monitoring stations from 1975 through 1994. One dissolved concentration of 15 mg/L in an unnamed drainage downstream of Road 25 near sewage disposal ponds (MEVE 0169) exceeded the drinking water criterion of 10 mg/L in March 1994.

Cadmium concentrations (including dissolved, total, and total recoverable) were measured 228 times at 55 monitoring stations from 1971 through 1998. Of the 158 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 13 dissolved concentrations at six springs within the park, near U. S. Route 160 (MEVE 0087), Morefield Spring (MEVE 0081), at the base of Switchback Road (MEVE 0078), Big Hill Pipes near the Morefield Campground (MEVE 0085), in School Section Canyon (MEVE 0098), and Echo Cliffs Drainage Spring (MEVE 0125), equaled or exceeded the acute freshwater criterion of 3.9 micrograms per liter (µg/L) and the drinking water criteria of 5 µg/L from 1987 through 1998. Approximately 54 percent of the observations exceeding the criteria were reported at a spring near U. S. Route 160 (MEVE 0087) from 1987 through 1998. The highest concentration of 40 µg/L was reported twice, near U. S. Route 160 (MEVE 0087) and Echo Cliffs Drainage Spring (MEVE 0125), in October 1989 and September 1991, respectively.

Chromium concentrations (including dissolved, hexavalent, total, and total recoverable) were measured 191 times at 100 monitoring stations from 1971 through 1998. Fifteen dissolved concentrations at 13 stations equaled or exceeded the drinking water criterion of 100 µg/L from 1977 through 1998. The highest concentration of 685 µg/L was reported in McElmo Creek (MEVE 0144) in September 1977.

Copper concentrations (including dissolved, total, and total recoverable) were measured 270 times at 99 monitoring stations from 1971 through 1998. Thirty-five concentrations at 19 stations equaled or exceeded the acute freshwater criterion of 18 µg/L from 1976 through 1998. Fifteen of the observations exceeding the criterion were reported in the Mancos River at the U. S. Route 160 Bridge (MEVE 0021) from 1976 through 1992. The highest concentration of 430 µg/L was reported within the park at Echo Cliffs Drainage Spring (MEVE 0125) in September 1991.

Lead concentrations (including dissolved, total, and total recoverable) were measured 272 times at 98 monitoring stations from 1971 through 1998. Of the 232 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 26 concentrations at 14 stations equaled or exceeded the drinking water criterion of 15 µg/L from 1975 through 1998. Eleven of these 26 concentrations also exceeded the acute freshwater criterion of 82 µg/L from 1977 through 1998. Approximately 81 percent of the observations exceeding the criteria were reported at 12 springs within the park from 1987 through 1998. The highest concentration of 8,384 µg/L was reported in an unnamed tributary to Mud Creek (MEVE 0073) in September 1977.

Nickel concentrations (including dissolved, total, and total recoverable) were measured 159 times at 95 monitoring stations from 1976 through 1998. Twenty-five dissolved concentrations at 18 stations exceeded the drinking water

criterion of 100 µg/L from 1976 through 1998. The highest concentration of 1,370 µg/L was reported in McElmo Creek (MEVE 0144) in September 1977.

Selenium concentrations (including dissolved and total) were measured 169 times at 71 monitoring stations from 1971 through 1998. Eleven concentrations, ranging from 22 µg/L to 217 µg/L at four springs, within the park near U. S. Route 160 (MEVE 0087), at Big Hill Pipes near the Morefield Campground (MEVE 0085), and Wickiup Slump Pothole (MEVE 0130) and outside the park at Hind Marsh Spring (MEVE 0101), exceeded the acute freshwater criterion of 20 µg/L from 1984 through 1995. Six of these 11 concentrations also exceeded the drinking water criterion of 50 µg/L from 1984 through 1993. Approximately 53 percent of the observations exceeding the criteria were reported within the park at a spring near U. S. Route 160 (MEVE 0087) from 1987 through 1995. The highest concentration of 217 µg/L was reported at Hind Marsh Spring (MEVE 0101) in October 1987.

Natural uranium concentrations (including dissolved and total) were measured 63 times at 50 monitoring stations from 1976 through 1990. Three concentrations, ranging from 25 µg/L to 138.53 µg/L at three stations, in unnamed tributaries to Mud Creek (MEVE 0071, MEVE 0073) and McElmo Creek at the U. S. Route 160 Bridge near Cortez (MEVE 0129), exceeded the drinking water criterion of 20 µg/L during 1977 and 1990. The highest concentration of 138.53 µg/L was recorded in an unnamed tributary to Mud Creek (MEVE 0073) in September 1977.

Zinc concentrations (including dissolved, total, and total recoverable) were measured 272 times at 99 monitoring stations from 1971 through 1998. Thirty-two concentrations at 28 stations exceeded the acute freshwater criterion of 120 µg/L from 1976 through 1998. The highest concentration of 3,100 µg/L was reported in the Mancos River east of the park (MEVE 0062) in July 1998.

The IDEA conducted for MEVE indicates that STORET data exist for 12 of the 13 Level I parameter groups in the study area. No STORET data exist for the parameter group Chlorophyll. For the group Flow, less than 24 percent of the observations were recorded since 1985. Overall, approximately 50 percent of the observations for Level I parameter groups were recorded since 1985. Data for six groups (Dissolved Oxygen, Water Temperature, Flow, Clarity/Turbidity, Phosphate/Phosphorus, and Bacteria), were recorded at less than half of the 157 monitoring stations with data. Relative to other parameter groups with data, data were limited for the groups Flow and Clarity/Turbidity. Results for 14 of the 126 EPA priority toxic pollutants (consisting of inorganic parameters, metals, and pesticides) were retrieved from STORET.

Surface water resources in the MEVE study area include the Mancos River and East, Middle, and West Mancos Rivers; McElmo, Mud, and many other intermittent and perennial creeks, including those draining Navajo, Whites, and many other canyons; Jackson Gulch, Totten, and other reservoirs; Highline, Crystal Creek, and other ditches and aqueducts; Hind Marsh, Morefield, Turkey, and many other springs; and some potholes. The data inventories and analyses contained in this report indicate a lack of longer-term records from stations throughout the study area. Of the 171 monitoring stations within the study area, only three stations yielded longer-term data, and just one of these three stations contain data collected since 1983. No monitoring stations within the park yielded longer-term records. Without adequate data it is difficult to make definitive statements regarding surface water quality within the study area; however, from the available data, water quality appears to have been impacted by human activities. Potential natural sources of contaminants include erosion from flash floods and wildfires. Potential anthropogenic sources of contaminants include industrial and municipal wastewater discharges; stormwater runoff; agricultural and ranching activities; mining and gravel pit operations; recreational use; and atmospheric deposition.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

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

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

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

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

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

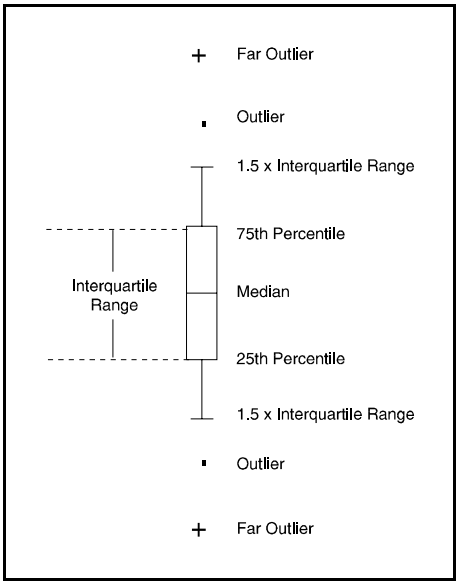
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR MEVE

Study Area Boundary Description

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

	Study Area	Park
GIS Estimated Acreage:	329408	53060
# STORET Stations:	171	60
# Stations With No Data:	14	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	3	0
Date of STORET Retrieval:	10/01/99	10/01/99
Period of Record:	01/01/01-08/12/98	05/24/76-08/12/98
# Parameters Measured:	217	48
# Water Quality Observations:	10478	2851
# Industrial/Municipal Facilities:	7	0
# Drinking Water Intakes:	5	0
# Water Gages:	8	0
# Water Impoundments:	13	0
# Total Plots:	67	0
# Time Series:	45	0
# Annual:	0	0
# Seasonal:	22	0

Hydrologic Definition of Seasons:

1. July 15 - October 31
2. November 1 - February 29
3. March 1 - May 9
4. May 10 - July 14

Time Series Plot Criteria:

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

Annual Analysis Criteria:

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

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

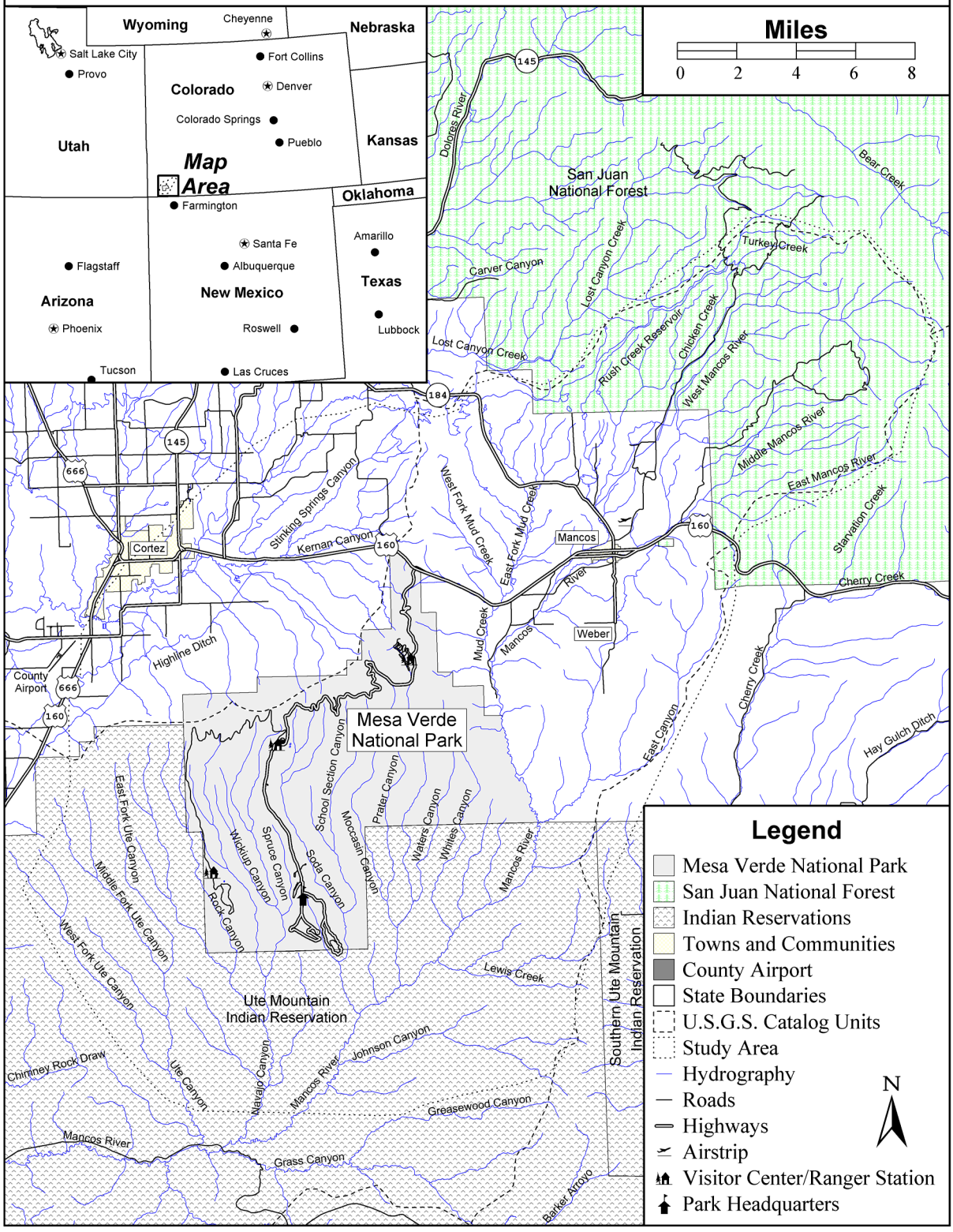
Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 12 years and observations in at least 4 of the 12 years.

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

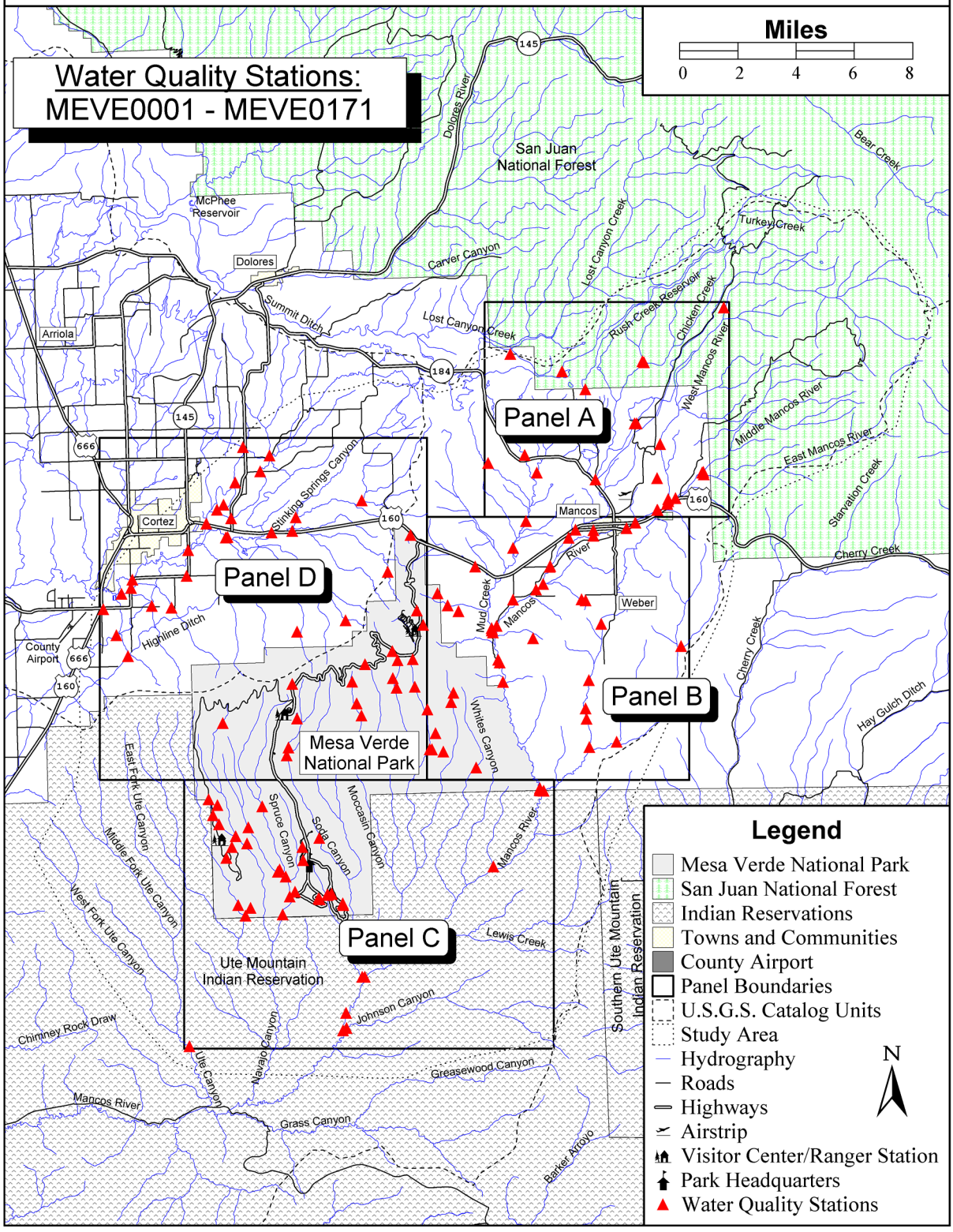
Mesa Verde National Park

Regional Location Map



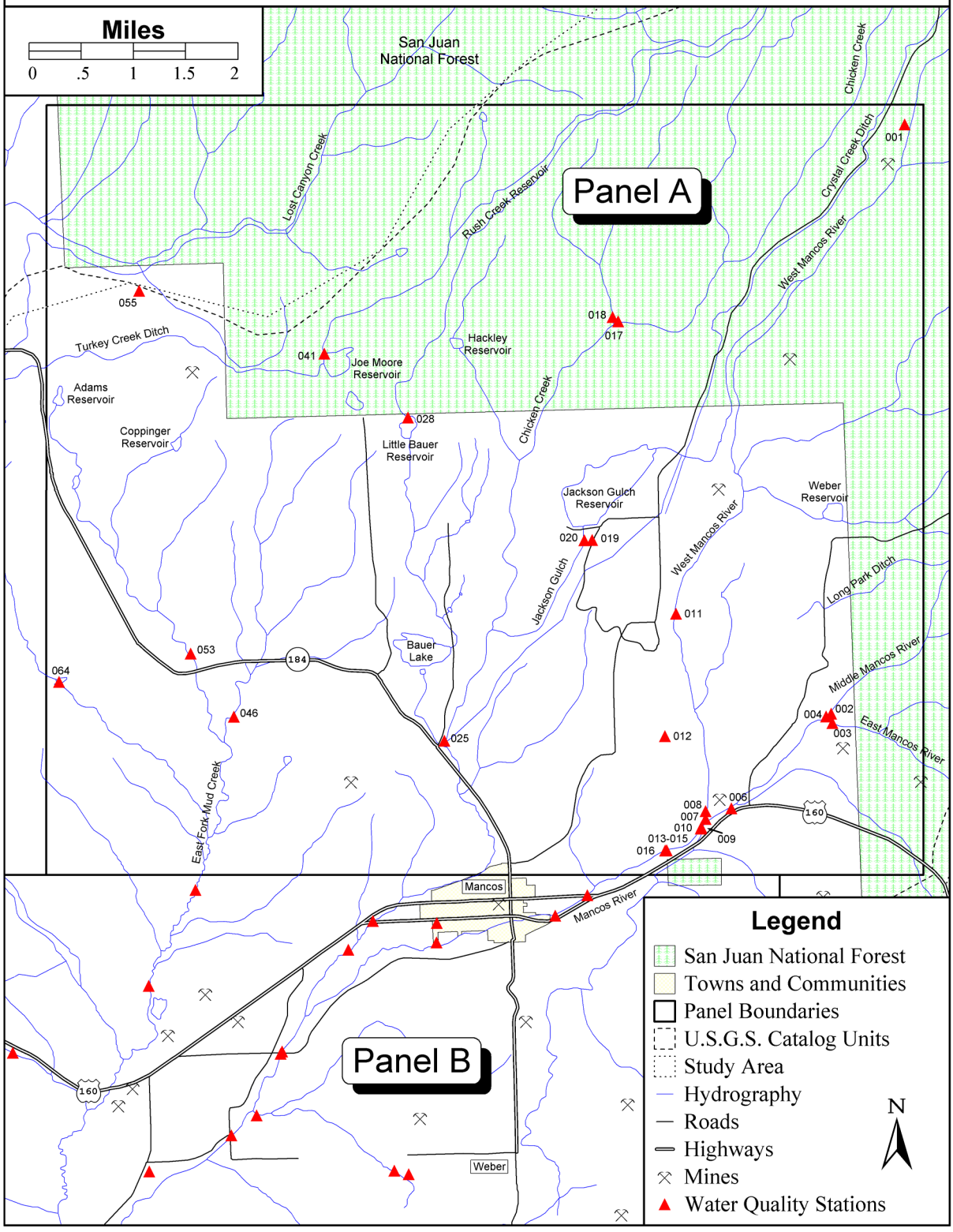
Mesa Verde National Park

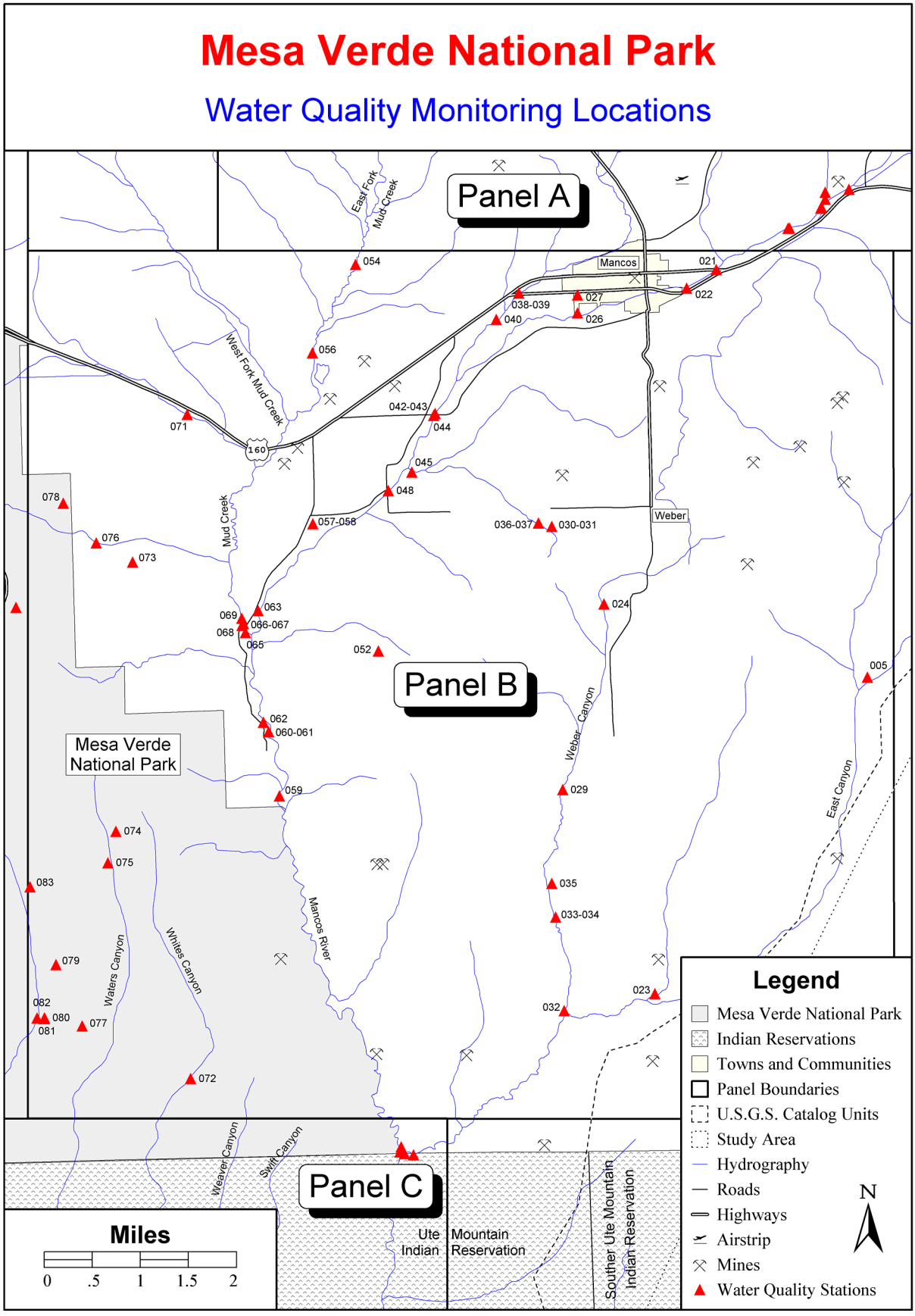
Water Quality Monitoring Locations
Graphic Panel Index



Mesa Verde National Park

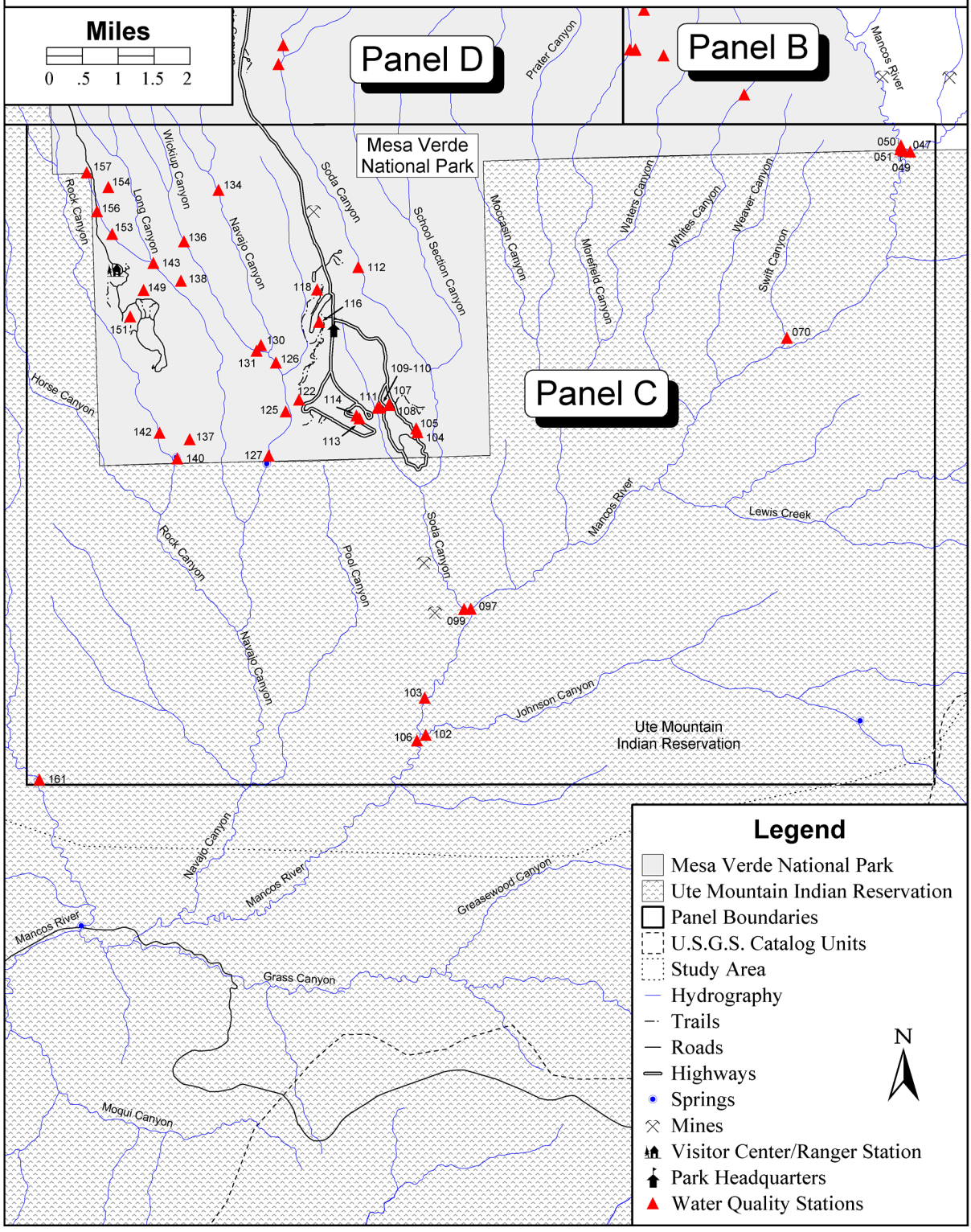
Water Quality Monitoring Locations




Mesa Verde National Park
Water Quality Monitoring Locations
Panel A
Panel B
Panel C
Mancos
Weber
Mesa Verde National Park
East Fork Mud Creek
West Fork Mud Creek
Mud Creek
Weber Canyon
East Canyon
Mancos River
Waters Canyon
Whites Canyon
Weaver Canyon
Swift Canyon
Ute Indian Mountain Reservation
Souther Ute Mountain Indian Reservation
160
054
056
071
042-043
044
045
048
057-058
036-037
030-031
038-039
040
027
026
021
022
024
005
078
076
073
069
063
068
066-067
065
052
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060-061
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074
075
083
079
082
080
081
077
072
Miles
0 .5 1 1.5 2
Legend
Mesa Verde National Park
Indian Reservations
Towns and Communities
Panel Boundaries
U.S.G.S. Catalog Units
Study Area
Hydrography
Roads
Highways
Airstrip
Mines
Water Quality Stations
N

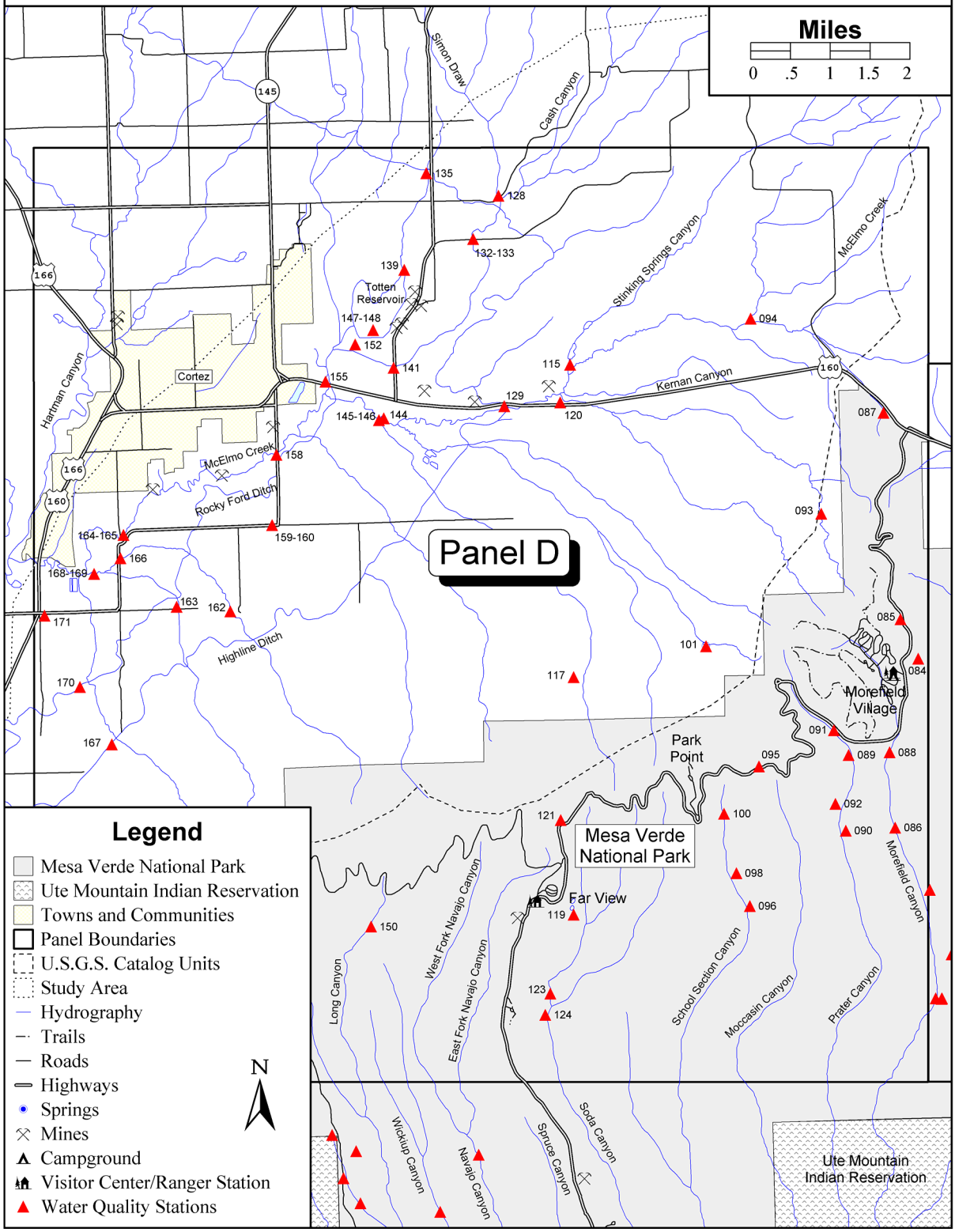
Mesa Verde National Park

Water Quality Monitoring Locations



Mesa Verde National Park

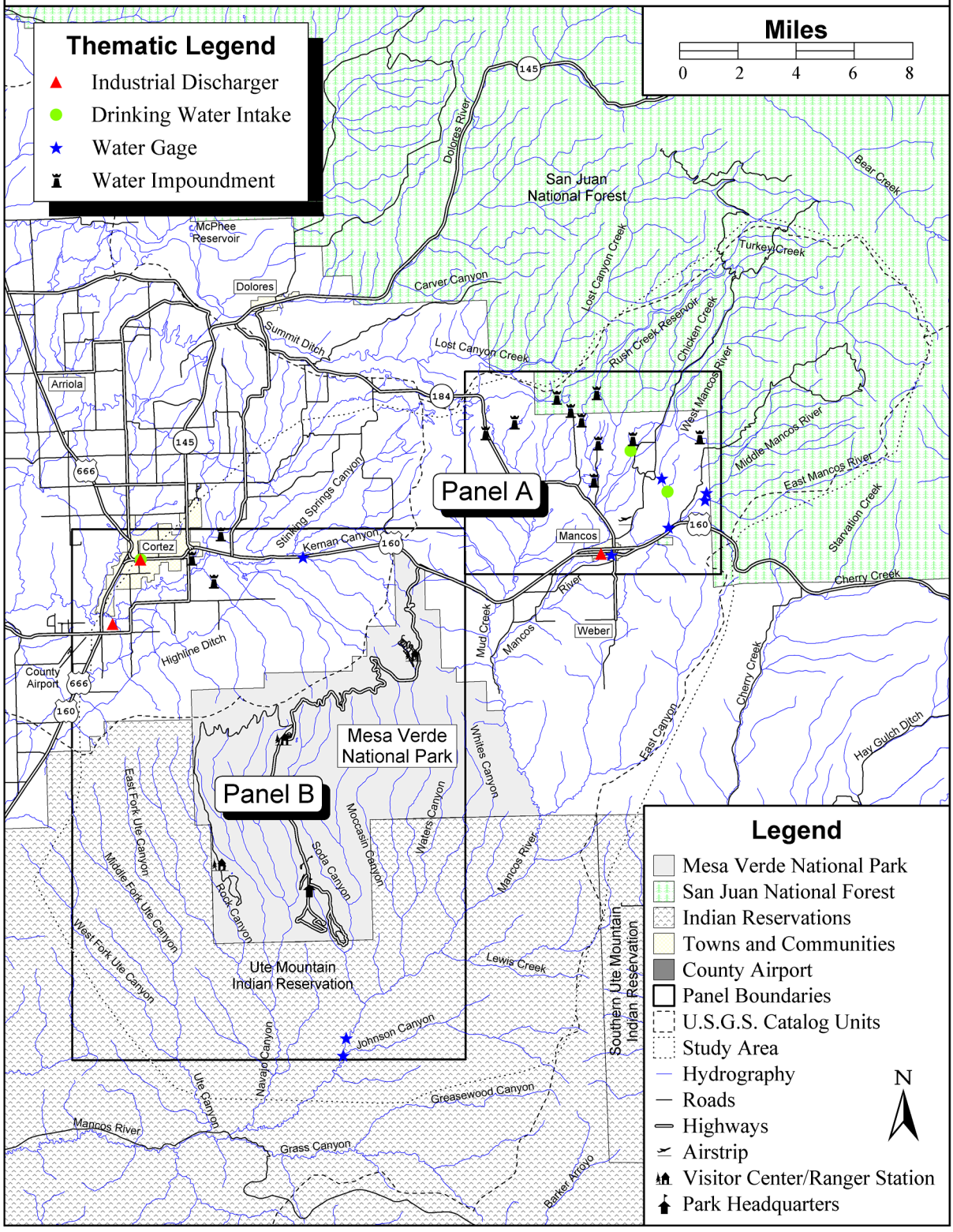
Water Quality Monitoring Locations



Mesa Verde National Park

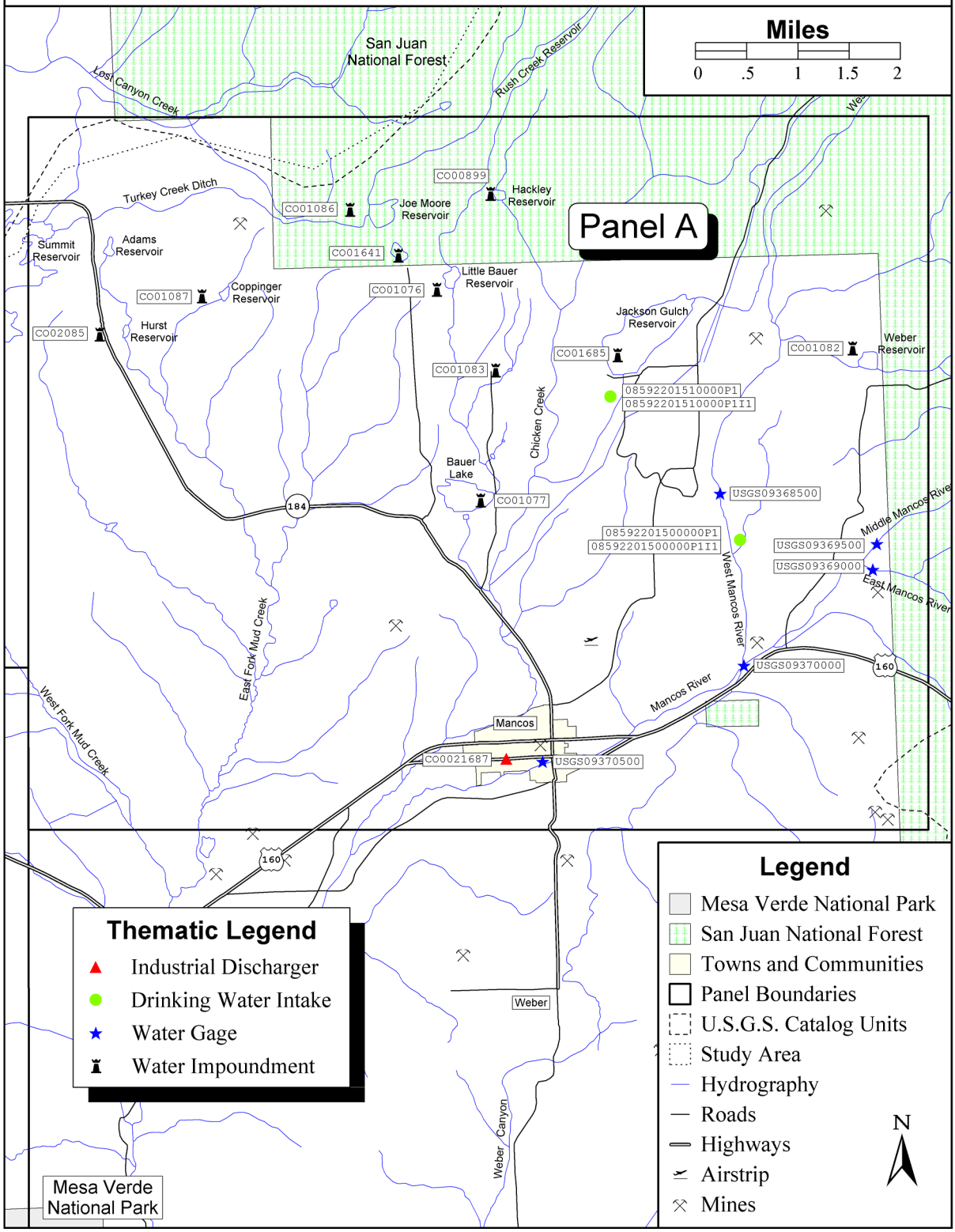
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



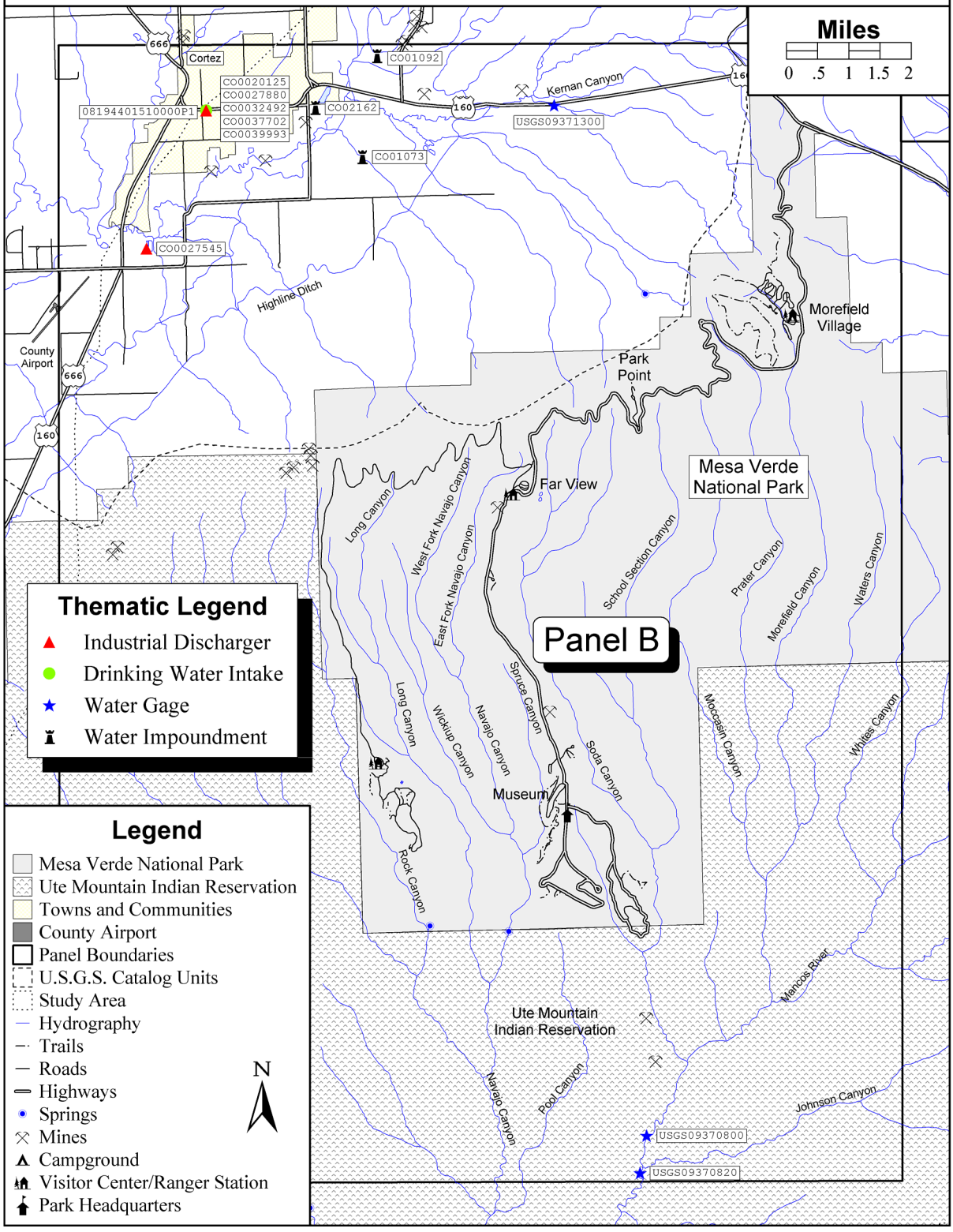
Mesa Verde National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Mesa Verde National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
CO0020125	CORTEZ SANITATION DIST NO PLT	NORTH PLANT	CORTEZ	HARTMAN DITCH TO MC ELMO CREEK
CO0021687	MANCOS, TOWN OF	P.O. BOX 487	MANCOS	MANCOS RIVER TO SAN JUAN RIVER
CO0027545	CORTEZ SANITATION DIST SW PLT	210 EAST MAIN STREET	CORTEZ	MCELMO CREEK
CO0027880	CORTEZ SANITATION DISTRICT	210 EAST MAIN STREET	CORTEZ	MC ELMO CREEK
CO0032492	LEE, RICHARD O., DBA	LEE MOBILE HOME PARK	DOLORES	RITTER DRAW TO MC ELMO CREEK
CO0037702	VISTA VERDE VILLAGE	P O BOX 1651	CORTEZ	
CO0039993	AIRCO CARBON DIOXIDE	14207 COUNTY ROAD G	CORTEZ	MCELMO CREEK

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
08194401510000P1	TREATMENT PLANT	CORTEZ	140	
08592201500000P1	TREATMENT PLANT	MANCOS	900	
08592201500000P1I1	WEST MANCOS RIVER	MANCOS	900	
08592201510000P1	TREATMENT PLANT	MANCOS	510	8500.00
08592201510000P1I1	JACKSON RESERVO	MANCOS	510	8500.00

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS09368500	WEST MANCOS RIVER NEAR MANCOS, CO.		39.40	1939	1953
USGS09369000	EAST MANCOS RIVER NEAR MANCOS, CO.		11.90	1937	1951
USGS09370500	MANCOS R AT MANCOS C	Stream	8300.00		
USGS09370800	MANCOS RIVER NEAR CORTEZ, CO.	Stream	302.00	1976	1979
USGS09371300	MCELMO CREEK TRIBUTARY NEAR CORTEZ, CO.	Stream	4.43		
USGS09369500	MIDDLE MANCOS RIVER NEAR MANCOS, CO.	Stream	12.10	1938	1951
USGS09370000	MANCOS RIVER NEAR MANCOS, CO.	Stream	71.50	1932	1938
USGS09370820	MANCOS RIVER BELOW JOHNSON CANYON NR CORTEZ, CO.	Stream	320.00	1979	1982

Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
CO00899	L. A. BAR	DR. F. E. REDDERT ESTATE	Irrig.	Earth	Low	1945
CO01073	ROBERT LEIGHTON	ROBERT LEIGHTON	Farm	Earth	Low	1973
CO01076	BAUER LAKE #1	BAUER LAKE WATER CO.	Irrig.	Earth	Significant	1945
CO01077	BAUER LAKE #2	BAUER LAKE WATER CO.	Irrig.	Earth	Significant	1974
CO01082	WEBER	WEBER RES. CO. INC.	Irrig.	Earth	Low	1971
CO01083	WALLACE #1	L. WALLACE	Irrig.	Earth	Low	1951
CO01086	BIG PINE	SUMMIT RES & IRR CO	Irrig.	Earth	Significant	1907
CO01087	COPPINGER #1	HAROLD RANDOLPH	Irrig.	Earth	Low	1949
CO01092	TOTTEN	MONTEZUMA VALLEY IRRIGAT	Irrig.	Earth	High	1965
CO01641	SELLERS ? MC CLANE	EVERETT RANCHES INC.	Irrig.	Earth	Low	1944

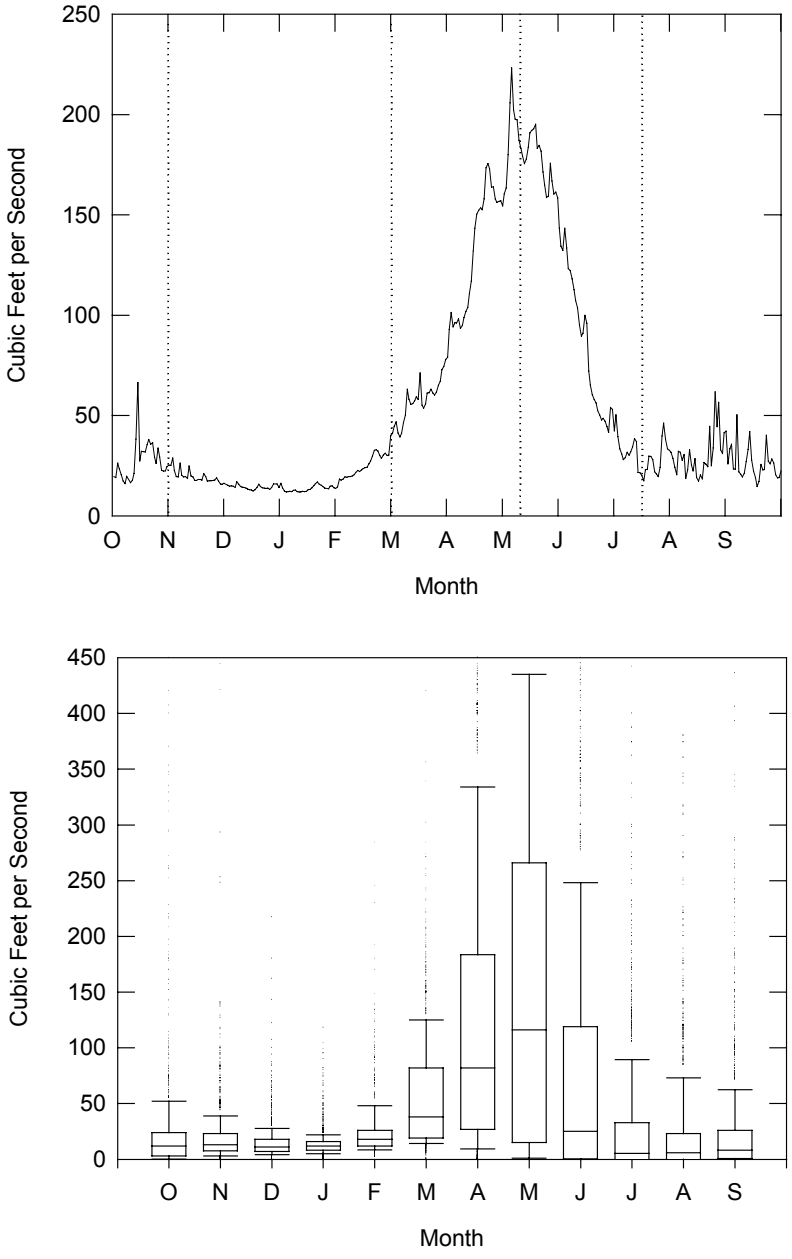
Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the MEVE Study Area

Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
CO01685	JACKSON GULCH	DOI BR	Irrig.	Earth	High	1949
CO02085	HURST	MILTON HURST	Irrig.	Earth	Low	1967
CO02162	DENNY LAKE	TOWN OF CORTEZ	Supply	Earth	Low	1909

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

MESA VERDE NATIONAL PARK
Mancos River near Towaoc, CO
09371000, 62 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Mesa Verde National Park are: Jul. 15 to Oct. 31, Nov. 1 to Feb. 28, Mar. 1 to May 9, and May 10 to Jul. 14.

CONTACTS FOR AGENCY CODES RETRIEVED FOR MEVE

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
11USBRUC	TUCKER, BILL	BUREAU OF RECLAMATION	(303)247-0247	
113FORS2	PFANKUCH, DALE	US FOREST SERVICE	(303)234-5570	
21COLSS0	ANDERSON, DENNIS	COLORADO DEPT OF HEALTH	(303)692-3571	
21COL001	ANDERSON, DENNIS	COLORADO DEPT OF HEALTH	(303)692-3571	

QUANTITY OF DATA RETRIEVED FOR MEVE BY AGENCY CODE

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

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
11NPSWRD	NATIONAL PARK SERVICE	05/24/76-08/12/98	05/24/76-08/12/98	126	60	0	0	0	0	4027	2851	81	48
112WRD	US GEOLOGICAL SURVEY	10/20/75-07/07/94	No Data in Park	29	0	2	0	0	0	3376	0	147	0
11USBRUC	BUREAU OF RECLAMATION	No Data in S.A.	No Data in Park	10	0	0	0	10	0	0	0	0	0
113FORS2	US FOREST SERVICE	05/05/78-09/18/79	No Data in Park	1	0	0	0	0	0	115	0	10	0
21COLSS0	COLORADO DEPT OF HEALTH	No Data in S.A.	No Data in Park	4	0	0	0	4	0	0	0	0	0
21COL001	COLORADO DEPT OF HEALTH	01/01/01-06/22/93	No Data in Park	1	0	1	0	0	0	2960	0	69	0
Totals		01/01/01-08/12/98	05/24/76-08/12/98	171	60	3	0	14	0	10478	2851	217	48

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

Station Period of Record Tabulation
From 01/01/01 To 08/12/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75
MEVE0001	W FORK MANCOS RIVER UPSTREAM OF JACKSON GULCH	No	6	6	0	0
MEVE0002	C24115	No	16	0	16	0
MEVE0003	C24116	No	16	0	16	0
MEVE0004	MIDDLE FORK MANCOS RIVER AT FOREST RD 566 CROSS	No	0	0	0	0
MEVE0005	C24102	No	16	0	16	0
MEVE0006	C24107	No	16	0	16	0
MEVE0007	WEST FORK MANCOS RIVER ABOVE CONFL WITH MANCOS	No	0	0	0	0
MEVE0008	C24106	No	16	0	16	0
MEVE0009	MANCOS RIVER ABOVE MANCOS BL ETW MANOOS	No	31	0	31	0
MEVE0010	MANCOS R BELOW CONFL W/ MIDDLE WEST EAST FORKS	No	0	0	0	0
MEVE0011	C24117	No	16	0	16	0
MEVE0012	WEST MANCOS RIVER ABOVE MANCOS	No	23	23	0	0
MEVE0013	MANCOS RIVER BELOW EAST AND WEST FORKS	No	46	46	0	0
MEVE0014	MANCOS RIVER DOWNSTREAM FROM EAST/WEST FORKS	No	8	8	0	0
MEVE0015	MCELMO CREEK AT HIGHWAY 160 NEAR CORTEZ	No	12	12	0	0
MEVE0016	MANCOS RIVER NEAR MANCOS, COLORADO	No	115	0	115	0
MEVE0017	C24234	No	16	0	16	0
MEVE0018	C24235	No	16	0	16	0
MEVE0019	IRRIGATION DITCH OUTFLOW FROM JACKSON GULCH RESV	No	29	0	29	0
MEVE0020	JACKSON GULCH OUTFLOW FROM RESERVOIR	No	31	0	31	0
MEVE0021[1]	MANCOS RIVER AT MANCOS	No	2960	945	1617	398
MEVE0022	C24130	No	16	0	16	0
MEVE0023	C24122	No	16	0	16	0
MEVE0024	C24103	No	4	0	4	0
MEVE0025	C24128	No	16	0	16	0
MEVE0026	MANCOS RIVER ABOVE MANCOS SEWER OUTLET	No	1	1	0	0
MEVE0027	MANCOS RIVER BELOW MANCOS SEWER OUTLET	No	1	1	0	0
MEVE0028	C24232	No	16	0	16	0
MEVE0029	C24104	No	16	0	16	0
MEVE0030	LARGE WETLAND AREA S.OF G RD (HAMBLEN), MANCOS R	No	22	22	0	0
MEVE0031	LARGE POND SOUTH OF G ROAD IN MANCOS VALLEY	No	3	3	0	0
MEVE0032	C24105	No	16	0	16	0
MEVE0033	WEBER CANYON DOWNSTREAM FROM IRRIGATED AREA	No	8	8	0	0
MEVE0034	WEBER CANYON BELOW IRRIGATED AREA	No	46	46	0	0
MEVE0035	POND IN MANCOS VALLEY; WEBER CANYON DRAINAGE	No	14	14	0	0
MEVE0036	POND DOWNSTREAM FROM USGS SITE MNP2	No	3	3	0	0
MEVE0037	POND BELOW LARGE WETLAND IN MANCOS RB (HAMBLEN)	No	22	22	0	0
MEVE0038	CHICKEN CREEK AT OLD HIGHWAY 160	No	44	44	0	0
MEVE0039	CHICKEN CREEK AT OLD HIGHWAY 160	No	8	8	0	0
MEVE0040	C24131	No	16	0	16	0
MEVE0041	C24248	No	16	0	16	0
MEVE0042	MANCOS RIVER AT H RD; DOWNSTREAM OF CHICKEN CK	No	8	8	0	0
MEVE0043	MANCOS RIVER AT H ROAD, BELOW CHICKEN CR	No	44	44	0	0
MEVE0044	MANCOS RIVER AT CROSSING BELOW CHICKEN CREEK	No	31	0	31	0
MEVE0045	MANCOS RIVER DOWNSTREAM OF MANCOS	No	23	23	0	0
MEVE0046	C24127	No	16	0	16	0
MEVE0047	C24022	No	16	0	16	0
MEVE0048	C24132	No	4	0	4	0
MEVE0049	WEBER CANYON AT MOUTH	No	31	0	31	0
MEVE0050	C24023	Yes	16	0	16	0
MEVE0051	MANCOS RIVER ABOVE WEBER CANYON	No	31	0	31	0
MEVE0052	LA PLATA RIVER AT HWY 160 AT HESPERUS CO.	No	104	104	0	0
MEVE0053	C24125	No	16	0	16	0
MEVE0054	C24138	No	16	0	16	0
MEVE0055	LOST CANYON CR AT NAT FOREST BOUNDARY	No	0	0	0	0
MEVE0056	C24137	No	16	0	16	0
MEVE0057	POND NEAR 38 AND G ROADS (COLBERT)	No	22	22	0	0
MEVE0058	POND NEAR 38 ROAD AND G ROAD IN MANCOS VALLEY	No	3	3	0	0
MEVE0059	MANCOS RIVER ABOVE CANYON	No	34	0	34	0
MEVE0060	MANCOS RIVER 1.2 MILES BELOW MUD CREEK	No	44	44	0	0
MEVE0061	MANCOS RIVER 1.2 MILES DOWNSTREAM FROM MUD CK	No	8	8	0	0
MEVE0062	MANCOS RIVER	No	301	301	0	0
MEVE0063	C24134	No	16	0	16	0
MEVE0064	C24126	No	16	0	16	0
MEVE0065	MANCOS RIVER BELOW CONFLUENCE WITH MUD CREEK	No	1	1	0	0
MEVE0066	MUD CREEK AT MOUTH NEAR MANCOS	No	8	8	0	0
MEVE0067	MUD CREEK AT MOUTH, NEAR MANCOS	No	44	44	0	0
MEVE0068	MUD CREEK AT ROAD CROSSING	No	31	0	31	0
MEVE0069	C24133	No	16	0	16	0
MEVE0070	C24026	No	16	0	16	0
MEVE0071	C24484	No	16	0	16	0

Station Period of Record Tabulation
From 01/01/01 To 08/12/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75
MEVE0072	WHITES CANYON RESERVOIR	Yes	24	24	0	0
MEVE0073	C24485	No	16	0	16	0
MEVE0074	WATERS SPRING	Yes	36	36	0	0
MEVE0075	WATERS CANYON DRAINAGE SPRING	Yes	30	30	0	0
MEVE0076	SWITCHBACK HILL SPRING	No	2	2	0	0
MEVE0077	EAST CANYON ROAD CUT	Yes	32	32	0	0
MEVE0078	BASE OF SWITCHBACK ROAD	Yes	88	62	26	0
MEVE0079	MOREFIELD RIDGE ROAD SPRING	Yes	29	29	0	0
MEVE0080	C24465	Yes	16	0	16	0
MEVE0081	MOREFIELD SPRING	Yes	231	178	53	0
MEVE0082	LOWER MOREFIELD CANYON RESERVOIR	Yes	2	2	0	0
MEVE0083	MOREFIELD ROAD PUDDLE	Yes	30	30	0	0
MEVE0084	SWITCHBACK ROAD RESERVOIR	Yes	2	2	0	0
MEVE0085	BIG HILL PIPES	Yes	85	59	26	0
MEVE0086	CATTAIL SPRING	Yes	4	4	0	0
MEVE0087	U.S. HIGHWAY 160 SPRING NEAR PARK ENTRANCE	Yes	239	239	0	0
MEVE0088	MOREFIELD CANYON POTHOLE	Yes	60	60	0	0
MEVE0089	PRATER CANYON POOL	Yes	28	28	0	0
MEVE0090	TURKEY SPRING	Yes	2	2	0	0
MEVE0091	PRATER CANYON DRAINAGE SPRING	Yes	29	29	0	0
MEVE0092	SOUTH CHICKAREE POINT POTHOLE	Yes	2	2	0	0
MEVE0093	GULLY 1 SPRING; WEST OF ENTRANCE	No	30	30	0	0
MEVE0094	C24488	No	16	0	16	0
MEVE0095	POTHOLE AT B-CUT SLUMP	Yes	53	0	53	0
MEVE0096	JUNCTION OF SCHOOL SECTION & E. SCHOOL SECTION	Yes	32	32	0	0
MEVE0097	MANCOS RIVER ABOVE SODA CANYON	No	29	0	29	0
MEVE0098	SCHOOL SECTION CANYON SPRING	Yes	30	30	0	0
MEVE0099	SODA CANYON AT MOUTH	No	26	0	26	0
MEVE0100	SCHOOL SECTION CANYON SPRING	Yes	63	63	0	0
MEVE0101	HIND MARSH SPRING	No	29	29	0	0
MEVE0102	C24397	No	16	0	16	0
MEVE0103[1]	MANCOS RIVER NEAR CORTEZ, CO.	No	853	0	853	0
MEVE0104	SPRING IN BACK OF BALCONY HOUSE	Yes	28	28	0	0
MEVE0105	BALCONY HOUSE SPRING	Yes	33	33	0	0
MEVE0106[1]	MANCOS RIVER BELOW JOHNSON CANYON NR CORTEZ, CO.	No	1045	0	1045	0
MEVE0107	SPRING 155 YARDS NORTH OF SUNSET HOUSE	Yes	29	29	0	0
MEVE0108	150 YARDS NORTH OF SUNSET HOUSE	Yes	29	29	0	0
MEVE0109	SEEP AT CLIFF PALACE DWELLING; ROOM 26	Yes	18	18	0	0
MEVE0110	CLIFF PALACE SPRING	Yes	2	2	0	0
MEVE0111	CLIFF PALACE TUNNEL	Yes	52	52	0	0
MEVE0112	SODA CANYON SPRING AT APW TRAIL	Yes	31	31	0	0
MEVE0113	FEWKES CANYON SPRING	Yes	53	0	53	0
MEVE0114	FEWKES CANYON DAM	Yes	30	30	0	0
MEVE0115	C24490	No	16	0	16	0
MEVE0116	SPRUCE TREE HOUSE SPRING	Yes	349	296	53	0
MEVE0117	GREEN POND OFF WEST ACCESS ROAD	No	31	31	0	0
MEVE0118	SPRUCE CANYON POTHOLE	Yes	2	2	0	0
MEVE0119	FAR VIEW SEWER LAGOON	Yes	4	4	0	0
MEVE0120	MCELMO CREEK AT HIGHWAY 160	No	0	0	0	0
MEVE0121	MITE 13; BARROW PIT	Yes	32	32	0	0
MEVE0122	LITTLE LONG HOUSE POTHOLE	Yes	67	67	0	0
MEVE0123	C24478	Yes	16	0	16	0
MEVE0124	SODA CANYON SPRING	Yes	32	32	0	0
MEVE0125	ECHO CLIFFS DRAINAGE SPRING	Yes	30	30	0	0
MEVE0126	C24475	Yes	16	0	16	0
MEVE0127	ECHO CLIFF DIKE SPRING	Yes	54	28	26	0
MEVE0128	C24578	No	16	0	16	0
MEVE0129	MCELMO CREEK AT HWY 160, NEAR CORTEZ	No	99	99	0	0
MEVE0130	WICKIUP SLUMP POTHOLE	Yes	29	29	0	0
MEVE0131	WICKIUP SLUMP DAM	Yes	32	32	0	0
MEVE0132	SIMON DRAW BLW CASH CANYON, NR CORTEZ	No	254	254	0	0
MEVE0133	SIMON DRAW DOWNSTREAM FROM CASH CANYON	No	12	12	0	0
MEVE0134	MID-NAVAJO CANYON DRAINAGE SPRING	Yes	32	32	0	0
MEVE0135	TOTTEN RESERVOIR INLET AT FLUME	No	0	0	0	0
MEVE0136	WICKIUP CANYON SPRING	Yes	26	0	26	0
MEVE0137	LIMMEY DRAW POTHOLE	Yes	28	28	0	0
MEVE0138	SPRING HOUSE SPRING	Yes	62	62	0	0
MEVE0139	TOTTEN RESERVOIR INLET AT RESERVOIR	No	0	0	0	0
MEVE0140	C24434	Yes	16	0	16	0
MEVE0141	SIMON DRAW	No	0	0	0	0
MEVE0142	ROCK CANYON SPRING	Yes	60	60	0	0

Station Period of Record Tabulation
From 01/01/01 To 08/12/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75
MEVE0143	LONG CANYON DRAINAGE	Yes	25	25	0	0
MEVE0144	C24526	No	16	0	16	0
MEVE0145	MCELMO CREEK UPSTREAM FROM SIMON DRAW	No	8	8	0	0
MEVE0146	MC ELMO CREEK ABOVE SIMON DRAW, NR CORTEZ	No	42	42	0	0
MEVE0147	TOTTEN RESERVOIR	No	16	16	0	0
MEVE0148	TOTTEN RESERVOIR NEAR DAM, NEAR CORTEZ	No	208	208	0	0
MEVE0149	WETHERILL SEWER LAGOONS	Yes	6	6	0	0
MEVE0150	EAST FORK LONG CANYON POTHOLE	Yes	25	25	0	0
MEVE0151	LONG HOUSE SPRING	Yes	269	216	53	0
MEVE0152	TOTTEN RESERVOIR OUTLET AT RESERVOIR	No	0	0	0	0
MEVE0153	ROCK SPRINGS POTHOLE	Yes	63	63	0	0
MEVE0154	SHRINE CANYON POTHOLE	Yes	25	25	0	0
MEVE0155	ROCKYFORD OVERFLOW	No	0	0	0	0
MEVE0156	ROCK SPRINGS NEAR ROADCUT	Yes	57	57	0	0
MEVE0157	ROCK SPRING	Yes	26	0	26	0
MEVE0158	MCELMO CREEK BELOW DENNY LAKE	No	0	0	0	0
MEVE0159	UNNAMED DRAINAGE NEAR H AND 27 ROADS	No	45	45	0	0
MEVE0160	UNNAMED DRAINAGE NEAR H AND 27 ROADS	No	8	8	0	0
MEVE0161	C24367	No	16	0	16	0
MEVE0162	C24525	No	16	0	16	0
MEVE0163	C24517	No	16	0	16	0
MEVE0164	MC ELMO CREEK AT 25 ROAD, NEAR CORTEZ	No	44	44	0	0
MEVE0165	MCELMO CREEK AT ROAD 25	No	8	8	0	0
MEVE0166	C24515	No	16	0	16	0
MEVE0167	HIGHLINE ENTERING MUD CREEK SUB BASIN	No	0	0	0	0
MEVE0168	UNNAMED DRAINAGE BELOW 25 ROAD, NR CORTEZ	No	44	44	0	0
MEVE0169	UNNAMED DRAINAGE DOWNSTREAM FROM ROAD 25	No	9	9	0	0
MEVE0170	ROCKYFORD ENTERING MUD CREEK SUB BASIN	No	0	0	0	0
MEVE0171	MCELMO CREEK AT HIGHWAY 666	No	0	0	0	0

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

Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Parameter Code	Name	Total Obs	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	4	4	0	0	1	0
00004	STREAM WIDTH (FEET)	21	21	0	0	11	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	173	37	136	0	73	5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	116	43	59	14	1	0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	13	0	13	0	2	0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	77	43	34	0	1	0
00025	BAROMETRIC PRESSURE (MM OF HG)	36	36	0	0	17	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	50	37	13	0	18	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	86	37	49	0	19	0
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	1	0	0	1	1	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	123	29	94	0	25	0
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	22	22	0	0	14	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	51	0	41	10	2	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	13	0	13	0	2	0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	368	164	190	14	122	50
00096	SALINITY AT 25 DEGREES C (MG/ML)	1	0	1	0	1	0
00300	OXYGEN, DISSOLVED MG/L	230	79	147	4	30	0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	23	23	0	0	13	0
00310	BOD, 5 DAY, 20 DEG C MG/L	67	26	33	8	1	0
00400	PH (STANDARD UNITS)	387	171	203	13	123	50
00403	PH, LAB, STANDARD UNITS SU	61	36	25	0	18	0
00405	CARBON DIOXIDE (MG/L AS CO2)	35	0	35	0	12	0
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	233	140	93	0	62	29
00440	BICARBONATE ION (MG/L AS HCO3)	140	90	50	0	61	45
00445	CARBONATE ION (MG/L AS CO3)	134	90	44	0	57	41
00500	RESIDUE, TOTAL (MG/L)	8	0	5	3	1	0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	5	0	0	5	1	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	111	43	59	9	1	0
00545	RESIDUE, SETTLEABLE (ML/L)	6	0	0	6	1	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	7	7	0	0	4	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	107	39	56	12	2	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	7	7	0	0	4	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	36	2	23	11	2	0
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	48	48	0	0	29	26
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	37	0	25	12	1	0
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	2	2	0	0	1	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	71	39	32	0	2	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	73	39	34	0	2	0
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	113	36	77	0	30	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	8	0	0	8	1	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	35	0	35	0	12	0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	92	39	50	3	2	0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	152	92	60	0	52	45
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	3	3	0	0	2	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	42	7	35	0	16	0
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	55	0	47	8	1	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	285	143	131	11	63	30
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	64	0	64	0	12	0
00910	CALCIUM (MG/L AS CACO3)	45	2	32	11	3	2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	262	127	135	0	119	50
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	3	3	0	0	2	0
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	3	3	0	0	2	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	264	129	135	0	120	51
00927	MAGNESIUM, TOTAL (MG/L AS MG)	46	3	32	11	4	0
00929	SODIUM, TOTAL (MG/L AS NA)	43	0	32	11	1	0
00930	SODIUM, DISSOLVED (MG/L AS NA)	223	129	94	0	79	46
00931	SODIUM ADSORPTION RATIO	140	21	108	11	27	10
00932	SODIUM, PERCENT	77	0	77	0	12	0
00933	SODIUM,PLUS POTASSIUM (MG/L)	8	0	8	0	1	0
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	3	3	0	0	2	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	221	129	92	0	79	46
00937	POTASSIUM, TOTAL MG/L AS K)	11	0	11	0	1	0
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	3	3	0	0	2	0
00940	CHLORIDE,TOTAL IN WATER MG/L	156	36	109	11	30	0
00941	CHLORIDE, DISSOLVED IN WATER MG/L	107	92	15	0	50	46
00945	SULFATE, TOTAL (MG/L AS SO4)	226	79	136	11	30	0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	105	90	15	0	49	45
00950	FLUORIDE, DISSOLVED (MG/L AS F)	111	32	79	0	31	2
00951	FLUORIDE, TOTAL (MG/L AS F)	26	0	15	11	1	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	111	32	79	0	29	0
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	95	27	56	12	1	0

Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Parameter Code	Name	Total Obs	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	6	0	6	0	1	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	58	42	16	0	33	27
01002	ARSENIC, TOTAL (UG/L AS AS)	39	2	27	10	2	0
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	5	5	0	0	4	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	107	92	15	0	50	46
01007	BARIUM, TOTAL (UG/L AS BA)	3	3	0	0	3	0
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	5	5	0	0	4	0
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	5	5	0	0	4	0
01020	BORON, DISSOLVED (UG/L AS B)	119	103	16	0	54	45
01022	BORON, TOTAL (UG/L AS B)	38	3	24	11	4	0
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	2	2	0	0	2	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	141	126	15	0	54	46
01027	CADMIUM, TOTAL (UG/L AS CD)	2	2	0	0	1	0
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	5	5	0	0	4	0
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	3	3	0	0	2	0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	160	103	57	0	95	51
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	20	0	11	9	2	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	5	5	0	0	4	0
01035	COBALT, DISSOLVED (UG/L AS CO)	41	0	41	0	41	5
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	3	3	0	0	2	0
01040	COPPER, DISSOLVED (UG/L AS CU)	182	126	56	0	95	51
01042	COPPER, TOTAL (UG/L AS CU)	5	5	0	0	4	0
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	5	5	0	0	4	0
01045	IRON, TOTAL (UG/L AS FE)	6	5	1	0	5	0
01046	IRON, DISSOLVED (UG/L AS FE)	243	109	134	0	104	51
01049	LEAD, DISSOLVED (UG/L AS PB)	179	123	56	0	94	50
01051	LEAD, TOTAL (UG/L AS PB)	5	5	0	0	4	0
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	5	5	0	0	4	0
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	3	3	0	0	2	0
01055	MANGANESE, TOTAL (UG/L AS MN)	5	5	0	0	4	0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	250	115	135	0	104	51
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	157	101	56	0	93	50
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	3	3	0	0	2	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	148	92	56	0	91	51
01067	NICKEL, TOTAL (UG/L AS NI)	3	3	0	0	3	0
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	3	3	0	0	2	0
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	8	0	8	0	1	0
01075	SILVER, DISSOLVED (UG/L AS AG)	25	25	0	0	3	2
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	3	3	0	0	2	0
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	45	20	24	1	1	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	36	20	16	0	25	22
01082	STRONTIUM, TOTAL (UG/L AS SR)	3	3	0	0	3	0
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	3	3	0	0	2	0
01085	VANADIUM, DISSOLVED (UG/L AS V)	13	13	0	0	5	2
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	3	3	0	0	2	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	182	126	56	0	95	51
01092	ZINC, TOTAL (UG/L AS ZN)	5	5	0	0	4	0
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	3	3	0	0	2	0
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	85	21	56	8	1	0
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	3	3	0	0	2	0
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	8	0	8	0	1	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	3	3	0	0	3	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	106	90	16	0	50	45
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	5	5	0	0	4	0
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	85	21	55	9	1	0
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	88	21	58	9	1	0
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	6	0	6	0	1	0
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	83	16	58	9	1	0
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	84	21	54	9	1	0
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	23	0	13	10	1	0
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	3	3	0	0	2	0
01140	SILICON, DISSOLVED (UG/L AS SI)	18	18	0	0	16	14
01145	SELENIUM, DISSOLVED (UG/L AS SE)	140	124	16	0	66	45
01147	SELENIUM, TOTAL (UG/L AS SE)	29	5	15	9	5	0
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	6	6	0	0	5	0
01150	TITANIUM, DISSOLVED (UG/L AS TI)	66	20	46	0	61	23
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	3	3	0	0	2	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	5	5	0	0	4	0
01503	ALPHA, DISSOLVED	10	0	7	3	1	0
01504	ALPHA, DISSOLVED, COUNTING ERROR	10	0	7	3	1	0
03503	BETA, DISSOLVED	4	0	2	2	1	0

Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Parameter Code	Name	Total Obs	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
03504	BETA, DISSOLVED, COUNTING ERROR	4	0	2	2	1	0
04192	DEPTH OF SAMPLE, TOTAL, FROM MEAS. PT. METER	4	4	0	0	1	0
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	21	21	0	0	17	16
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	21	21	0	0	17	16
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	1	1	0	0	1	1
07001	TRITIUM,TOTAL,COUNTING ERROR (PICOCURIES/LITER)	1	1	0	0	1	1
09503	RADIUM 226, DISSOLVED	1	0	1	0	1	0
09504	RADIUM 226, DISSOLVED, COUNTING ERROR	1	0	1	0	1	0
22703	URANIUM, NATURAL, DISSOLVED	49	0	49	0	44	5
22707	URANIUM, NATURAL IN SEDIMENT (UG/G OF DRY SOLIDS)	3	3	0	0	2	0
28011	URANIUM,NATURAL,TOTAL UG/L AS U	14	14	0	0	6	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	33	0	18	15	1	0
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	63	63	0	0	33	27
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	60	60	0	0	31	27
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	103	39	49	15	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	25	0	14	11	1	0
39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	2	2	0	0	2	0
39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	2	2	0	0	2	0
39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	2	2	0	0	2	0
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	3	3	0	0	2	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	2	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	1	1	0	0	1	0
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	3	3	0	0	2	0
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	3	3	0	0	2	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	2	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	2	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	2	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	3	3	0	0	2	0
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	2	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	2	0
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	2	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	3	3	0	0	2	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	2	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	3	3	0	0	2	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	3	3	0	0	2	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	2	0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	2	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	2	0
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	2	0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	2	0
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	5	5	0	0	4	0
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	3	3	0	0	2	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	5	5	0	0	4	0
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	2	0
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	2	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	183	112	59	12	33	25
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	76	0	76	0	12	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	103	26	77	0	23	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	78	0	78	0	12	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	2	2	0	0	1	0
71830	HYDROXIDE ION (MG/L AS OH)	12	11	1	0	12	10
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	78	63	15	0	37	33
71870	BROMIDE (MG/L AS BR)	1	0	1	0	1	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	18	17	1	0	5	0
71900	MERCURY, TOTAL (UG/L AS HG)	11	2	9	0	2	0
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	6	6	0	0	5	0
75993	URANIUM,NATURAL,1 SIGMA PRC EST,TOTAL,WATER UG/L	10	10	0	0	3	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12	0	12	0	1	0
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	3	3	0	0	2	0
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	4	4	0	0	3	0
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	7	0	7	0	1	0
82170	GOLD IN SEDIMENT MG/KG	3	3	0	0	2	0
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	4	4	0	0	3	0
82311	YTTERBIUMIN BOTTOM MATERIAL DRY WT. AS YB UG/KG	3	3	0	0	2	0
82313	THORIUM IN BOTTOM MATERIAL DRY WEIGHT AS TH UG/KG	3	3	0	0	2	0
82317	SCANDIUM, IN BOTTOM MATERIAL DRY WT AS SC UG/KG	3	3	0	0	2	0

Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Parameter Code	Name	Total Obs	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
82321	TANTALUM IN BOTTOM MATERIAL DRY WT. AS TA UG/KG	3	3	0	0	2	0
82398	SAMPLING METHOD (CODES)	37	37	0	0	17	0
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	16	9	7	0	14	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	16	9	7	0	14	0

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0148	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/90-11/08/90	0	4	
MEVE0013	No	00004	STREAM WIDTH (FEET)	03/21/94-07/05/94	0	2	
MEVE0034	No	00004	STREAM WIDTH (FEET)	03/21/94-07/05/94	0	2	
MEVE0038	No	00004	STREAM WIDTH (FEET)	03/21/94-07/05/94	0	2	
MEVE0043	No	00004	STREAM WIDTH (FEET)	03/22/94-07/05/94	0	2	
MEVE0052	No	00004	STREAM WIDTH (FEET)	05/15/89-07/25/89	0	2	
MEVE0060	No	00004	STREAM WIDTH (FEET)	03/22/94-07/06/94	0	2	
MEVE0067	No	00004	STREAM WIDTH (FEET)	03/22/94-07/06/94	0	2	
MEVE0146	No	00004	STREAM WIDTH (FEET)	03/22/94-03/22/94	0	1	
MEVE0159	No	00004	STREAM WIDTH (FEET)	03/23/94-07/06/94	0	2	
MEVE0164	No	00004	STREAM WIDTH (FEET)	03/23/94-07/07/94	0	2	
MEVE0168	No	00004	STREAM WIDTH (FEET)	03/23/94-07/06/94	0	2	
MEVE0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-05/26/76	0	1	
MEVE0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-05/26/76	0	1	
MEVE0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	0	1	
MEVE0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-05/26/76	0	1	
MEVE0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/94-07/05/94	0	2	
MEVE0016	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/78-09/18/79	1	12	
MEVE0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/76-07/04/76	0	1	
MEVE0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/76-07/04/76	0	1	
MEVE0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	0	1	
MEVE0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	0	1	
MEVE0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/76-07/04/76	0	1	
MEVE0029	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/94-06/15/94	0	1	
MEVE0032	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/94-07/05/94	0	2	
MEVE0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/94-06/15/94	0	1	
MEVE0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/94-07/05/94	0	2	
MEVE0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/76-07/06/76	0	1	
MEVE0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/94-07/05/94	0	2	
MEVE0044	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	0	1	
MEVE0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/76-05/24/76	0	1	
MEVE0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-10/21/75	0	1	
MEVE0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/76-05/24/76	0	1	
MEVE0051	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-10/21/75	0	1	
MEVE0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/89-07/25/89	0	2	
MEVE0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0054	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0056	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0057	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/94-06/15/94	0	1	
MEVE0059	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	0	1	
MEVE0060	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/94-07/06/94	0	2	
MEVE0063	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/94-07/06/94	0	2	
MEVE0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	0	1	
MEVE0069	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	0	1	
MEVE0070	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/76-05/24/76	0	1	
MEVE0071	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	0	1	
MEVE0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	0	1	
MEVE0080	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/77-09/02/77	0	1	
MEVE0094	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/77-09/03/77	0	1	
MEVE0097	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-10/21/75	0	1	
MEVE0099	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-10/21/75	0	1	
MEVE0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/77-09/15/77	0	1	
MEVE0103	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/76-06/05/79	2	31	
MEVE0106	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/79-11/15/82	3	40	
MEVE0115	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/77-09/02/77	0	1	
MEVE0123	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/77-09/03/77	0	1	
MEVE0126	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/77-09/02/77	0	1	
MEVE0128	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0129	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/90-11/14/90	0	3	
MEVE0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/90-11/08/90	0	4	
MEVE0140	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/77-09/15/77	0	1	
MEVE0144	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	0	1	
MEVE0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/94-07/06/94	0	2	
MEVE0148	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-11/08/90	0	5	
MEVE0159	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/94-07/06/94	0	2	
MEVE0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/77-09/15/77	0	1	
MEVE0162	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	0	1	
MEVE0163	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/77-09/03/77	0	1	
MEVE0164	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/94-07/07/94	0	2	
MEVE0166	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/77-09/03/77	0	1	
MEVE0168	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/94-07/06/94	0	2	
MEVE0021	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/17/71-06/22/93	21	116	T,S
MEVE0016	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/05/78-09/18/79	1	12	
MEVE0021	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/01/82-04/01/82	0	1	
MEVE0021	No	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/02/79-06/22/93	14	77	
MEVE0013	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/21/94-07/05/94	0	2	
MEVE0030	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/15/94-06/15/94	0	1	
MEVE0034	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/21/94-07/05/94	0	2	
MEVE0037	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/15/94-06/15/94	0	1	
MEVE0038	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/21/94-07/05/94	0	2	
MEVE0043	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/22/94-07/05/94	0	2	
MEVE0052	No	00025	BAROMETRIC PRESSURE (MM OF HG)	05/15/89-07/25/89	0	2	
MEVE0057	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/15/94-06/15/94	0	1	
MEVE0060	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/22/94-07/06/94	0	2	
MEVE0067	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/22/94-07/06/94	0	2	
MEVE0129	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/27/90-11/14/90	0	3	
MEVE0132	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/28/90-11/08/90	0	4	
MEVE0146	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/22/94-07/06/94	0	2	
MEVE0148	No	00025	BAROMETRIC PRESSURE (MM OF HG)	04/17/90-11/08/90	0	4	
MEVE0159	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/23/94-07/06/94	0	2	
MEVE0164	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/23/94-07/07/94	0	2	
MEVE0168	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/23/94-07/06/94	0	2	
MEVE0013	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/21/94-07/05/94	0	2	
MEVE0030	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/15/94-06/15/94	0	1	
MEVE0034	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/21/94-07/05/94	0	2	
MEVE0037	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/15/94-06/15/94	0	1	
MEVE0038	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/21/94-07/05/94	0	2	
MEVE0043	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/22/94-07/05/94	0	2	
MEVE0052	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/89-07/25/89	0	2	
MEVE0057	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/15/94-06/15/94	0	1	
MEVE0060	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/22/94-07/06/94	0	2	
MEVE0067	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/22/94-07/06/94	0	2	
MEVE0106	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/26/81-11/15/82	1	13	
MEVE0129	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/27/90-11/14/90	0	3	
MEVE0132	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/28/90-11/08/90	0	4	
MEVE0146	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/22/94-07/06/94	0	2	
MEVE0148	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/17/90-11/08/90	0	5	
MEVE0159	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/23/94-07/06/94	0	2	
MEVE0164	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/23/94-07/07/94	0	2	
MEVE0168	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/23/94-07/06/94	0	2	
MEVE0013	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/21/94-07/05/94	0	2	
MEVE0030	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/15/94-06/15/94	0	1	
MEVE0034	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/21/94-07/05/94	0	2	
MEVE0037	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/15/94-06/15/94	0	1	
MEVE0038	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/21/94-07/05/94	0	2	
MEVE0043	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/22/94-07/05/94	0	2	
MEVE0052	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/89-07/25/89	0	2	
MEVE0057	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/15/94-06/15/94	0	1	
MEVE0060	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/22/94-07/06/94	0	2	
MEVE0067	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/22/94-07/06/94	0	2	
MEVE0103	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/02/78-06/05/79	0	10	
MEVE0106	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/09/79-11/15/82	3	39	
MEVE0129	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/27/90-11/14/90	0	3	
MEVE0132	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/28/90-11/08/90	0	4	
MEVE0146	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/22/94-07/06/94	0	2	
MEVE0148	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/17/90-11/08/90	0	5	
MEVE0159	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/23/94-07/06/94	0	2	
MEVE0164	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/23/94-07/07/94	0	2	
MEVE0168	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/23/94-07/06/94	0	2	
MEVE0021	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0009	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	0	1	
MEVE0013	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/94-07/05/94	0	2	
MEVE0016	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/78-09/18/79	1	12	
MEVE0019	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	0	1	
MEVE0020	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	0	1	
MEVE0034	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/94-07/05/94	0	2	
MEVE0038	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/94-07/05/94	0	2	
MEVE0043	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/94-07/05/94	0	2	
MEVE0044	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	0	1	
MEVE0049	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-10/21/75	0	1	
MEVE0051	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-10/21/75	0	1	
MEVE0052	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/15/89-07/25/89	0	2	
MEVE0059	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	0	1	
MEVE0060	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/94-07/06/94	0	2	
MEVE0067	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/94-07/06/94	0	2	
MEVE0068	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	0	1	
MEVE0097	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-10/21/75	0	1	
MEVE0103	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/76-06/05/79	2	30	
MEVE0106	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/79-11/15/82	3	43	
MEVE0129	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/90-11/14/90	0	3	
MEVE0132	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/28/90-11/08/90	0	4	
MEVE0146	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/94-07/06/94	0	2	
MEVE0159	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/94-07/06/94	0	2	
MEVE0164	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/94-07/07/94	0	2	
MEVE0168	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/94-07/06/94	0	2	
MEVE0013	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	03/21/94-07/05/94	0	2	
MEVE0030	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	06/15/94-06/15/94	0	1	
MEVE0034	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	03/21/94-07/05/94	0	2	
MEVE0037	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	06/15/94-06/15/94	0	1	
MEVE0038	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	03/21/94-07/05/94	0	2	
MEVE0043	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	03/22/94-07/05/94	0	2	
MEVE0052	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	05/15/89-07/25/89	0	2	
MEVE0057	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	06/15/94-06/15/94	0	1	
MEVE0060	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	03/22/94-07/06/94	0	2	
MEVE0067	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	03/22/94-07/06/94	0	2	
MEVE0146	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	07/06/94-07/06/94	0	1	
MEVE0159	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	07/06/94-07/06/94	0	1	
MEVE0164	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	03/23/94-07/07/94	0	2	
MEVE0168	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	07/06/94-07/06/94	0	1	
MEVE0016	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/24/78-09/18/79	1	11	
MEVE0021	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/17/71-06/04/80	8	40	T
MEVE0016	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/05/78-09/18/79	1	12	
MEVE0106	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/09/80-10/09/80	0	1	
MEVE0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-05/26/76	0	1	
MEVE0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-05/26/76	0	1	
MEVE0005	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0006	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0008	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0009	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	0	1	
MEVE0011	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-05/26/76	0	1	
MEVE0013	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/94-07/05/94	0	2	
MEVE0017	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/04/76-07/04/76	0	1	
MEVE0018	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/04/76-07/04/76	0	1	
MEVE0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	0	1	
MEVE0020	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	0	1	
MEVE0021	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/71-04/28/92	20	102	T,S
MEVE0022	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0023	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0024	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0028	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/04/76-07/04/76	0	1	
MEVE0029	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0030	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/94-06/15/94	0	1	
MEVE0032	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/94-07/05/94	0	2	
MEVE0037	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/94-06/15/94	0	1	
MEVE0038	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/94-07/05/94	0	2	
MEVE0040	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0041	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/76-07/06/76	0	1	
MEVE0043	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/94-07/05/94	0	2	
MEVE0044	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	0	1	
MEVE0046	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	05/27/76-05/27/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0047	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/24/76-05/24/76	0	1	
MEVE0048	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0049	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-10/21/75	0	1	
MEVE0050	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/24/76-05/24/76	0	1	
MEVE0051	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-10/21/75	0	1	
MEVE0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/89-07/25/89	0	2	
MEVE0053	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0054	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0056	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0057	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/94-06/15/94	0	1	
MEVE0059	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	0	1	
MEVE0060	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/94-07/06/94	0	2	
MEVE0062	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-07/22/98	11	10	
MEVE0063	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0067	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/94-07/06/94	0	2	
MEVE0068	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	0	1	
MEVE0069	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	0	1	
MEVE0070	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/24/76-05/24/76	0	1	
MEVE0071	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-09/21/90	0	1	
MEVE0073	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	0	1	
MEVE0093	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-07/06/94	0	1	
MEVE0094	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/93-08/15/93	0	1	
MEVE0097	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/93-08/15/93	0	1	
MEVE0099	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-09/15/88	0	2	
MEVE0101	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	0	1	
MEVE0102	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/77-09/15/77	0	1	
MEVE0103	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/76-06/05/79	2	31	
MEVE0104	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/95-07/01/95	0	1	
MEVE0106	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/79-11/15/82	3	40	
MEVE0107	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-11/01/86	0	1	
MEVE0115	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-07/21/98	15	12	
MEVE0117	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/84-09/05/91	6	2	
MEVE0128	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	0	1	
MEVE0129	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	0	1	
MEVE0132	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	10/15/84-10/15/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0137	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-09/21/90	0	1	
MEVE0144	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-09/01/77	0	1	
MEVE0146	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/94-07/06/94	0	2	
MEVE0148	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/17/90-11/08/90	0	5	
MEVE0150	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/84-10/15/84	0	1	
MEVE0159	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/94-07/06/94	0	2	
MEVE0161	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/77-09/15/77	0	1	
MEVE0162	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-09/01/77	0	1	
MEVE0163	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/77-09/03/77	0	1	
MEVE0164	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/94-07/07/94	0	2	
MEVE0166	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/77-09/03/77	0	1	
MEVE0168	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/94-07/06/94	0	2	
MEVE0021	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	01/12/77-01/12/77	0	1	
MEVE0009	No	00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	0	1	
MEVE0013	No	00300	OXYGEN, DISSOLVED MG/L	03/21/94-07/05/94	0	2	
MEVE0016	No	00300	OXYGEN, DISSOLVED MG/L	05/24/78-09/18/79	1	11	
MEVE0019	No	00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	0	1	
MEVE0020	No	00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	0	1	
MEVE0021	No	00300	OXYGEN, DISSOLVED MG/L	05/02/73-06/22/93	20	105	T,S
MEVE0030	No	00300	OXYGEN, DISSOLVED MG/L	06/15/94-06/15/94	0	1	
MEVE0034	No	00300	OXYGEN, DISSOLVED MG/L	03/21/94-07/05/94	0	2	
MEVE0037	No	00300	OXYGEN, DISSOLVED MG/L	06/15/94-06/15/94	0	1	
MEVE0038	No	00300	OXYGEN, DISSOLVED MG/L	03/21/94-07/05/94	0	2	
MEVE0043	No	00300	OXYGEN, DISSOLVED MG/L	03/22/94-07/05/94	0	2	
MEVE0044	No	00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	0	1	
MEVE0049	No	00300	OXYGEN, DISSOLVED MG/L	10/21/75-10/21/75	0	1	
MEVE0051	No	00300	OXYGEN, DISSOLVED MG/L	10/21/75-10/21/75	0	1	
MEVE0052	No	00300	OXYGEN, DISSOLVED MG/L	05/15/89-07/25/89	0	2	
MEVE0057	No	00300	OXYGEN, DISSOLVED MG/L	06/15/94-06/15/94	0	1	
MEVE0059	No	00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	0	1	
MEVE0060	No	00300	OXYGEN, DISSOLVED MG/L	03/22/94-07/06/94	0	2	
MEVE0067	No	00300	OXYGEN, DISSOLVED MG/L	03/22/94-07/06/94	0	2	
MEVE0068	No	00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	0	1	
MEVE0097	No	00300	OXYGEN, DISSOLVED MG/L	10/21/75-10/21/75	0	1	
MEVE0103	No	00300	OXYGEN, DISSOLVED MG/L	09/13/76-06/05/79	2	29	
MEVE0106	No	00300	OXYGEN, DISSOLVED MG/L	07/09/79-11/15/82	3	40	
MEVE0129	No	00300	OXYGEN, DISSOLVED MG/L	03/27/90-11/14/90	0	3	
MEVE0132	No	00300	OXYGEN, DISSOLVED MG/L	03/28/90-11/08/90	0	4	
MEVE0146	No	00300	OXYGEN, DISSOLVED MG/L	03/22/94-07/06/94	0	2	
MEVE0148	No	00300	OXYGEN, DISSOLVED MG/L	04/17/90-11/08/90	0	4	
MEVE0159	No	00300	OXYGEN, DISSOLVED MG/L	03/23/94-07/06/94	0	2	
MEVE0164	No	00300	OXYGEN, DISSOLVED MG/L	03/23/94-07/07/94	0	2	
MEVE0168	No	00300	OXYGEN, DISSOLVED MG/L	03/23/94-07/06/94	0	2	
MEVE0014	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/21/94-07/05/94	0	2	
MEVE0031	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/15/94-06/15/94	0	1	
MEVE0033	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/05/94	0	2	
MEVE0036	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/15/94-06/15/94	0	1	
MEVE0039	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/21/94-07/05/94	0	2	
MEVE0042	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/05/94	0	2	
MEVE0058	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/15/94-06/15/94	0	1	
MEVE0061	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/06/94	0	2	
MEVE0066	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/06/94	0	2	
MEVE0145	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/06/94	0	2	
MEVE0160	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/23/94-07/06/94	0	2	
MEVE0165	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/23/94-07/07/94	0	2	
MEVE0169	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/23/94-07/06/94	0	2	
MEVE0021	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/17/71-03/15/89	17	67	T,S
MEVE0002	No	00400	PH (STANDARD UNITS)	05/26/76-05/26/76	0	1	
MEVE0003	No	00400	PH (STANDARD UNITS)	05/26/76-05/26/76	0	1	
MEVE0005	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0006	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0008	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0009	No	00400	PH (STANDARD UNITS)	10/20/75-10/20/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0011	No	00400	PH (STANDARD UNITS)	05/26/76-05/26/76	0	1	
MEVE0013	No	00400	PH (STANDARD UNITS)	03/21/94-07/05/94	0	2	
MEVE0016	No	00400	PH (STANDARD UNITS)	05/24/78-09/18/79	1	11	
MEVE0017	No	00400	PH (STANDARD UNITS)	07/04/76-07/04/76	0	1	
MEVE0018	No	00400	PH (STANDARD UNITS)	07/04/76-07/04/76	0	1	
MEVE0019	No	00400	PH (STANDARD UNITS)	10/20/75-10/20/75	0	1	
MEVE0020	No	00400	PH (STANDARD UNITS)	10/20/75-10/20/75	0	1	
MEVE0021	No	00400	PH (STANDARD UNITS)	08/17/71-06/22/93	21	111	T,S
MEVE0022	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0023	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0024	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0025	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0028	No	00400	PH (STANDARD UNITS)	07/04/76-07/04/76	0	1	
MEVE0029	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0030	No	00400	PH (STANDARD UNITS)	06/15/94-06/15/94	0	1	
MEVE0032	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0034	No	00400	PH (STANDARD UNITS)	03/21/94-07/05/94	0	2	
MEVE0037	No	00400	PH (STANDARD UNITS)	06/15/94-06/15/94	0	1	
MEVE0038	No	00400	PH (STANDARD UNITS)	03/21/94-07/05/94	0	2	
MEVE0040	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0041	No	00400	PH (STANDARD UNITS)	07/06/76-07/06/76	0	1	
MEVE0043	No	00400	PH (STANDARD UNITS)	03/22/94-07/05/94	0	2	
MEVE0044	No	00400	PH (STANDARD UNITS)	10/20/75-10/20/75	0	1	
MEVE0046	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0047	No	00400	PH (STANDARD UNITS)	05/24/76-05/24/76	0	1	
MEVE0048	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0049	No	00400	PH (STANDARD UNITS)	10/21/75-10/21/75	0	1	
MEVE0050	Yes	00400	PH (STANDARD UNITS)	05/24/76-05/24/76	0	1	
MEVE0051	No	00400	PH (STANDARD UNITS)	10/21/75-10/21/75	0	1	
MEVE0052	No	00400	PH (STANDARD UNITS)	05/15/89-07/25/89	0	2	
MEVE0053	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0054	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0056	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0057	No	00400	PH (STANDARD UNITS)	06/15/94-06/15/94	0	1	
MEVE0059	No	00400	PH (STANDARD UNITS)	10/20/75-10/20/75	0	1	
MEVE0060	No	00400	PH (STANDARD UNITS)	03/22/94-07/06/94	0	2	
MEVE0062	No	00400	PH (STANDARD UNITS)	11/01/86-07/22/98	11	10	
MEVE0063	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0064	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0067	No	00400	PH (STANDARD UNITS)	03/22/94-07/06/94	0	2	
MEVE0068	No	00400	PH (STANDARD UNITS)	10/20/75-10/20/75	0	1	
MEVE0069	No	00400	PH (STANDARD UNITS)	05/27/76-05/27/76	0	1	
MEVE0070	No	00400	PH (STANDARD UNITS)	05/24/76-05/24/76	0	1	
MEVE0071	No	00400	PH (STANDARD UNITS)	09/01/77-09/01/77	0	1	
MEVE0073	No	00400	PH (STANDARD UNITS)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	00400	PH (STANDARD UNITS)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	00400	PH (STANDARD UNITS)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00400	PH (STANDARD UNITS)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00400	PH (STANDARD UNITS)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00400	PH (STANDARD UNITS)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	00400	PH (STANDARD UNITS)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	00400	PH (STANDARD UNITS)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	00400	PH (STANDARD UNITS)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00400	PH (STANDARD UNITS)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00400	PH (STANDARD UNITS)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00400	PH (STANDARD UNITS)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00400	PH (STANDARD UNITS)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00400	PH (STANDARD UNITS)	10/01/87-10/01/87	0	1	
MEVE0093	No	00400	PH (STANDARD UNITS)	07/06/94-07/06/94	0	1	
MEVE0094	No	00400	PH (STANDARD UNITS)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	00400	PH (STANDARD UNITS)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00400	PH (STANDARD UNITS)	08/15/93-08/15/93	0	1	
MEVE0097	No	00400	PH (STANDARD UNITS)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00400	PH (STANDARD UNITS)	08/15/93-08/15/93	0	1	
MEVE0099	No	00400	PH (STANDARD UNITS)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00400	PH (STANDARD UNITS)	10/01/87-09/15/88	0	2	
MEVE0101	No	00400	PH (STANDARD UNITS)	10/01/87-10/01/87	0	1	
MEVE0102	No	00400	PH (STANDARD UNITS)	09/15/77-09/15/77	0	1	
MEVE0103	No	00400	PH (STANDARD UNITS)	09/13/76-06/05/79	2	30	
MEVE0104	Yes	00400	PH (STANDARD UNITS)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00400	PH (STANDARD UNITS)	07/01/95-07/01/95	0	1	
MEVE0106	No	00400	PH (STANDARD UNITS)	07/09/79-11/15/82	3	39	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0107	Yes	00400	PH (STANDARD UNITS)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00400	PH (STANDARD UNITS)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	00400	PH (STANDARD UNITS)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	00400	PH (STANDARD UNITS)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	00400	PH (STANDARD UNITS)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	00400	PH (STANDARD UNITS)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00400	PH (STANDARD UNITS)	11/01/86-11/01/86	0	1	
MEVE0115	No	00400	PH (STANDARD UNITS)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	00400	PH (STANDARD UNITS)	06/15/83-07/21/98	15	12	
MEVE0117	No	00400	PH (STANDARD UNITS)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00400	PH (STANDARD UNITS)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00400	PH (STANDARD UNITS)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	00400	PH (STANDARD UNITS)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	00400	PH (STANDARD UNITS)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00400	PH (STANDARD UNITS)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	00400	PH (STANDARD UNITS)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	00400	PH (STANDARD UNITS)	10/15/84-09/05/91	6	2	
MEVE0128	No	00400	PH (STANDARD UNITS)	08/31/77-08/31/77	0	1	
MEVE0129	No	00400	PH (STANDARD UNITS)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	00400	PH (STANDARD UNITS)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00400	PH (STANDARD UNITS)	09/15/88-09/15/88	0	1	
MEVE0132	No	00400	PH (STANDARD UNITS)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	00400	PH (STANDARD UNITS)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00400	PH (STANDARD UNITS)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	00400	PH (STANDARD UNITS)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00400	PH (STANDARD UNITS)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	00400	PH (STANDARD UNITS)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	00400	PH (STANDARD UNITS)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00400	PH (STANDARD UNITS)	09/21/90-09/21/90	0	1	
MEVE0144	No	00400	PH (STANDARD UNITS)	09/01/77-09/01/77	0	1	
MEVE0146	No	00400	PH (STANDARD UNITS)	03/22/94-07/06/94	0	2	
MEVE0148	No	00400	PH (STANDARD UNITS)	04/17/90-11/08/90	0	5	
MEVE0150	Yes	00400	PH (STANDARD UNITS)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00400	PH (STANDARD UNITS)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00400	PH (STANDARD UNITS)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00400	PH (STANDARD UNITS)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00400	PH (STANDARD UNITS)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00400	PH (STANDARD UNITS)	10/15/84-10/15/84	0	1	
MEVE0159	No	00400	PH (STANDARD UNITS)	03/23/94-07/06/94	0	2	
MEVE0161	No	00400	PH (STANDARD UNITS)	09/15/77-09/15/77	0	1	
MEVE0162	No	00400	PH (STANDARD UNITS)	09/01/77-09/01/77	0	1	
MEVE0163	No	00400	PH (STANDARD UNITS)	09/03/77-09/03/77	0	1	
MEVE0164	No	00400	PH (STANDARD UNITS)	03/23/94-07/07/94	0	2	
MEVE0166	No	00400	PH (STANDARD UNITS)	09/03/77-09/03/77	0	1	
MEVE0168	No	00400	PH (STANDARD UNITS)	03/23/94-07/06/94	0	2	
MEVE0013	No	00403	PH, LAB, STANDARD UNITS SU	03/21/94-07/05/94	0	2	
MEVE0030	No	00403	PH, LAB, STANDARD UNITS SU	06/15/94-06/15/94	0	1	
MEVE0034	No	00403	PH, LAB, STANDARD UNITS SU	03/21/94-07/05/94	0	2	
MEVE0037	No	00403	PH, LAB, STANDARD UNITS SU	06/15/94-06/15/94	0	1	
MEVE0038	No	00403	PH, LAB, STANDARD UNITS SU	03/21/94-07/05/94	0	2	
MEVE0043	No	00403	PH, LAB, STANDARD UNITS SU	03/22/94-07/05/94	0	2	
MEVE0052	No	00403	PH, LAB, STANDARD UNITS SU	05/15/89-07/25/89	0	2	
MEVE0057	No	00403	PH, LAB, STANDARD UNITS SU	06/15/94-06/15/94	0	1	
MEVE0060	No	00403	PH, LAB, STANDARD UNITS SU	03/22/94-07/06/94	0	2	
MEVE0067	No	00403	PH, LAB, STANDARD UNITS SU	03/22/94-07/06/94	0	2	
MEVE0106	No	00403	PH, LAB, STANDARD UNITS SU	10/09/80-11/15/82	2	25	
MEVE0129	No	00403	PH, LAB, STANDARD UNITS SU	03/27/90-11/14/90	0	3	
MEVE0132	No	00403	PH, LAB, STANDARD UNITS SU	03/28/90-11/08/90	0	4	
MEVE0146	No	00403	PH, LAB, STANDARD UNITS SU	03/22/94-07/06/94	0	2	
MEVE0148	No	00403	PH, LAB, STANDARD UNITS SU	04/17/90-11/08/90	0	4	
MEVE0159	No	00403	PH, LAB, STANDARD UNITS SU	03/23/94-07/06/94	0	2	
MEVE0164	No	00403	PH, LAB, STANDARD UNITS SU	03/23/94-07/07/94	0	2	
MEVE0168	No	00403	PH, LAB, STANDARD UNITS SU	03/23/94-07/06/94	0	2	
MEVE0009	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	0	1	
MEVE0019	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	0	1	
MEVE0020	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	0	1	
MEVE0044	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	0	1	
MEVE0049	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-10/21/75	0	1	
MEVE0051	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-10/21/75	0	1	
MEVE0059	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	0	1	
MEVE0068	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	0	1	
MEVE0097	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-10/21/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0099	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-10/21/75	0	1	
MEVE0103	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/13/76-12/11/78	2	24	
MEVE0106	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/19/79-07/19/79	0	1	
MEVE0009	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0014	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/94-07/05/94	0	2	
MEVE0015	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/90-11/14/90	0	3	
MEVE0016	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/78-09/18/79	1	11	
MEVE0019	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0020	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0021	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/78-06/22/93	15	72	T,S
MEVE0031	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	0	1	
MEVE0033	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/05/94	0	2	
MEVE0036	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	0	1	
MEVE0039	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/94-07/05/94	0	2	
MEVE0042	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/05/94	0	2	
MEVE0044	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0049	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0051	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0058	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	0	1	
MEVE0059	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0061	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	0	2	
MEVE0062	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-07/22/98	9	7	
MEVE0066	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	0	2	
MEVE0068	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0074	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-08/15/95	6	2	
MEVE0081	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-07/29/98	6	5	
MEVE0083	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/95-08/15/95	0	1	
MEVE0087	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-07/29/98	8	6	
MEVE0088	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	0	1	
MEVE0093	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/06/94-07/06/94	0	1	
MEVE0096	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	0	1	
MEVE0097	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	0	1	
MEVE0099	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0103	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/76-06/05/79	2	29	
MEVE0104	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/95-07/01/95	0	1	
MEVE0106	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/79-08/20/80	1	14	
MEVE0107	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0116	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-07/21/98	9	8	
MEVE0117	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/98-08/10/98	0	1	
MEVE0124	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	0	1	
MEVE0131	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0133	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/28/90-11/08/90	0	3	
MEVE0134	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0138	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	0	2	
MEVE0145	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	0	2	
MEVE0147	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/17/90-11/08/90	0	4	
MEVE0151	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-08/04/98	9	7	
MEVE0153	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-09/15/94	4	2	
MEVE0160	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/94-07/06/94	0	2	
MEVE0165	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/94-07/07/94	0	2	
MEVE0169	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/94-07/06/94	0	2	
MEVE0009	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	0	1	
MEVE0019	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	0	1	
MEVE0020	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	0	1	
MEVE0044	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	0	1	
MEVE0049	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-10/21/75	0	1	
MEVE0051	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-10/21/75	0	1	
MEVE0059	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0062	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-07/22/98	11	10	
MEVE0068	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	0	1	
MEVE0072	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	0	1	
MEVE0093	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/15/93-08/15/93	0	1	
MEVE0097	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/15/93-08/15/93	0	1	
MEVE0099	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-09/15/88	0	2	
MEVE0101	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	0	1	
MEVE0103	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/13/76-12/11/78	2	24	
MEVE0104	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/95-07/01/95	0	1	
MEVE0106	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/19/79-07/19/79	0	1	
MEVE0107	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-07/21/98	15	12	
MEVE0117	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-09/05/91	6	2	
MEVE0130	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/21/90-09/21/90	0	1	
MEVE0150	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-10/15/84	0	1	
MEVE0009	No	00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	0	1	
MEVE0019	No	00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	0	1	
MEVE0020	No	00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	0	1	
MEVE0044	No	00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	0	1	
MEVE0049	No	00445	CARBONATE ION (MG/L AS CO3)	10/21/75-10/21/75	0	1	
MEVE0051	No	00445	CARBONATE ION (MG/L AS CO3)	10/21/75-10/21/75	0	1	
MEVE0059	No	00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	0	1	
MEVE0062	No	00445	CARBONATE ION (MG/L AS CO3)	11/01/86-07/22/98	11	10	
MEVE0068	No	00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	0	1	
MEVE0072	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/88-08/15/95	6	2	
MEVE0079	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/21/90-07/29/98	7	6	
MEVE0083	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/01/87-08/15/95	7	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0087	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	0	1	
MEVE0093	No	00445	CARBONATE ION (MG/L AS CO3)	07/06/94-07/06/94	0	1	
MEVE0096	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/15/93-08/15/93	0	1	
MEVE0097	No	00445	CARBONATE ION (MG/L AS CO3)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/15/93-08/15/93	0	1	
MEVE0099	No	00445	CARBONATE ION (MG/L AS CO3)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/01/87-09/15/88	0	2	
MEVE0101	No	00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	0	1	
MEVE0103	No	00445	CARBONATE ION (MG/L AS CO3)	09/13/76-06/05/79	2	30	
MEVE0104	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/01/95-07/01/95	0	1	
MEVE0106	No	00445	CARBONATE ION (MG/L AS CO3)	07/09/79-09/10/79	0	4	
MEVE0107	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	0	1	
MEVE0114	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/01/87-07/21/98	10	10	
MEVE0117	No	00445	CARBONATE ION (MG/L AS CO3)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/05/91-09/05/91	0	1	
MEVE0130	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	0	1	
MEVE0137	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/21/90-09/21/90	0	1	
MEVE0150	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/88-08/04/98	9	7	
MEVE0153	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/01/86-10/01/87	0	2	
MEVE0021	No	00500	RESIDUE, TOTAL (MG/L)	04/11/74-09/10/75	1	8	
MEVE0021	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/17/71-05/02/73	1	5	
MEVE0021	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/71-06/22/93	21	111	T,S
MEVE0021	No	00545	RESIDUE, SETTLEABLE (ML/L)	08/17/71-05/02/73	1	6	
MEVE0052	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/15/89-07/25/89	0	2	
MEVE0129	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/90-11/14/90	0	1	
MEVE0132	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/08/90-11/08/90	0	2	
MEVE0148	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/08/90-11/08/90	0	2	
MEVE0021	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/71-04/28/92	20	105	T,S
MEVE0052	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/89-07/25/89	0	2	
MEVE0052	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/15/89-07/25/89	0	2	
MEVE0129	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/14/90-11/14/90	0	1	
MEVE0132	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/08/90-11/08/90	0	2	
MEVE0148	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/08/90-11/08/90	0	2	
MEVE0021	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/17/71-05/10/79	7	34	T
MEVE0052	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/15/89-07/25/89	0	2	
MEVE0062	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-07/22/98	9	5	
MEVE0072	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	0	1	
MEVE0075	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	0	1	
MEVE0081	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-07/29/98	7	3	
MEVE0083	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/98-07/30/98	0	1	
MEVE0087	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-07/29/98	8	4	
MEVE0088	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/98-07/30/98	0	1	
MEVE0093	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/06/94-07/06/94	0	1	
MEVE0100	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	0	1	
MEVE0104	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/98-07/30/98	0	1	
MEVE0107	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	0	1	
MEVE0116	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-07/21/98	9	5	
MEVE0117	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/06/94-07/06/94	0	1	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0121	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/10/98-08/10/98	0	1	
MEVE0124	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-10/15/89	0	1	
MEVE0131	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	0	1	
MEVE0138	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	0	1	
MEVE0150	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-08/04/98	9	4	
MEVE0153	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/20/90-09/20/90	0	1	
MEVE0021	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/17/71-05/10/79	7	37	T
MEVE0052	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/15/89-07/25/89	0	2	
MEVE0021	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/79-04/28/92	12	69	T,S
MEVE0052	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/89-07/25/89	0	2	
MEVE0021	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/79-04/28/92	12	71	T,S
MEVE0052	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/89-07/25/89	0	2	
MEVE0009	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	0	1	
MEVE0013	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/21/94-07/05/94	0	2	
MEVE0019	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	0	1	
MEVE0020	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	0	1	
MEVE0030	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/15/94-06/15/94	0	1	
MEVE0034	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/21/94-07/05/94	0	2	
MEVE0037	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/15/94-06/15/94	0	1	
MEVE0038	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/21/94-07/05/94	0	2	
MEVE0043	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/22/94-07/05/94	0	2	
MEVE0044	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	0	1	
MEVE0049	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-10/21/75	0	1	
MEVE0051	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-10/21/75	0	1	
MEVE0052	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/15/89-07/25/89	0	2	
MEVE0057	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/15/94-06/15/94	0	1	
MEVE0059	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	0	1	
MEVE0060	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/22/94-07/06/94	0	2	
MEVE0067	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/22/94-07/06/94	0	2	
MEVE0068	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	0	1	
MEVE0097	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-10/21/75	0	1	
MEVE0099	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-10/21/75	0	1	
MEVE0103	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/13/76-06/05/79	2	30	
MEVE0106	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/79-11/15/82	3	37	
MEVE0129	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/27/90-11/14/90	0	3	
MEVE0132	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/28/90-11/08/90	0	4	
MEVE0146	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/22/94-07/06/94	0	2	
MEVE0148	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-11/08/90	0	4	
MEVE0159	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/23/94-07/06/94	0	2	
MEVE0164	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/23/94-07/07/94	0	2	
MEVE0168	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/94-07/06/94	0	1	
MEVE0169	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/23/94-03/23/94	0	1	
MEVE0021	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/17/71-05/02/73	1	8	
MEVE0009	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	0	1	
MEVE0019	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	0	1	
MEVE0020	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	0	1	
MEVE0044	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	0	1	
MEVE0049	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/21/75-10/21/75	0	1	
MEVE0051	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/21/75-10/21/75	0	1	
MEVE0059	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	0	1	
MEVE0068	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	0	1	
MEVE0097	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/21/75-10/21/75	0	1	
MEVE0099	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/21/75-10/21/75	0	1	
MEVE0103	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/13/76-10/31/78	2	24	
MEVE0106	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/10/79-09/10/79	0	1	
MEVE0021	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/74-04/28/92	18	90	T,S
MEVE0052	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/89-07/25/89	0	2	
MEVE0052	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/15/89-07/25/89	0	2	
MEVE0062	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-07/22/98	11	10	
MEVE0072	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-07/29/98	15	8	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0083	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	0	1	
MEVE0093	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-09/15/88	0	2	
MEVE0101	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	0	1	
MEVE0103	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/31/78-06/05/79	0	7	
MEVE0104	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/01/95-07/01/95	0	1	
MEVE0106	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/09/79-11/15/82	3	38	
MEVE0107	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-07/21/98	15	12	
MEVE0117	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-09/05/91	6	2	
MEVE0130	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-09/21/90	0	1	
MEVE0150	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-10/15/84	0	1	
MEVE0132	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0009	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	0	1	
MEVE0019	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	0	1	
MEVE0020	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	0	1	
MEVE0044	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	0	1	
MEVE0049	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/21/75-10/21/75	0	1	
MEVE0051	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/21/75-10/21/75	0	1	
MEVE0052	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/15/89-07/25/89	0	2	
MEVE0059	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	0	1	
MEVE0068	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	0	1	
MEVE0097	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/21/75-10/21/75	0	1	
MEVE0099	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/21/75-10/21/75	0	1	
MEVE0103	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/13/76-10/31/78	2	24	
MEVE0106	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/79-09/10/79	0	1	
MEVE0129	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/14/90-11/14/90	0	1	
MEVE0132	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/08/90-11/08/90	0	2	
MEVE0148	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/08/90-11/08/90	0	2	
MEVE0021	No	00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	09/22/71-05/02/83	11	55	T
MEVE0009	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0014	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/94-07/05/94	0	2	
MEVE0015	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/90-11/14/90	0	3	
MEVE0016	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/18/79	1	11	
MEVE0019	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0020	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0021	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/71-06/22/93	21	95	T,S
MEVE0031	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	0	1	
MEVE0033	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/05/94	0	2	
MEVE0036	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0039	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/94-07/05/94	0	2	
MEVE0042	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/05/94	0	2	
MEVE0044	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0049	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0051	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0058	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	0	1	
MEVE0059	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0061	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	0	2	
MEVE0062	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-07/22/98	9	7	
MEVE0066	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	0	2	
MEVE0068	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0074	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	0	2	
MEVE0075	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-08/15/95	6	2	
MEVE0081	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/91-07/29/98	6	5	
MEVE0083	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/95-08/15/95	0	1	
MEVE0087	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-07/29/98	8	6	
MEVE0088	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	0	1	
MEVE0093	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/94-07/06/94	0	1	
MEVE0096	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	0	1	
MEVE0097	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	0	1	
MEVE0099	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0103	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/76-06/05/79	2	30	
MEVE0104	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/95-07/01/95	0	1	
MEVE0106	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/79-11/15/82	3	39	
MEVE0107	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-12/18/95	7	2	
MEVE0116	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-07/21/98	9	8	
MEVE0117	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/98-08/10/98	0	1	
MEVE0124	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	0	1	
MEVE0131	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0133	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/28/90-11/08/90	0	3	
MEVE0134	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	0	1	
MEVE0138	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	0	2	
MEVE0145	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	0	2	
MEVE0147	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/17/90-11/08/90	0	4	
MEVE0151	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-08/04/98	9	7	
MEVE0153	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-09/15/94	4	2	
MEVE0160	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/94-07/06/94	0	2	
MEVE0165	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/94-07/07/94	0	2	
MEVE0169	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/94-07/06/94	0	2	
MEVE0009	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0019	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0020	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0044	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0049	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0051	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0059	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0068	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	0	1	
MEVE0097	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0099	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-10/21/75	0	1	
MEVE0103	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/76-06/05/79	2	29	
MEVE0106	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/09/79-09/21/81	2	25	
MEVE0021	No	00910	CALCIUM (MG/L AS CACO3)	08/17/71-12/09/80	9	43	T
MEVE0109	Yes	00910	CALCIUM (MG/L AS CACO3)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	00910	CALCIUM (MG/L AS CACO3)	12/18/95-12/18/95	0	1	
MEVE0002	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/76-05/26/76	0	1	
MEVE0003	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/76-05/26/76	0	1	
MEVE0005	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0006	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0008	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0009	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	0	1	
MEVE0011	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/76-05/26/76	0	1	
MEVE0013	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/94-07/05/94	0	2	
MEVE0017	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/76-07/04/76	0	1	
MEVE0018	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/76-07/04/76	0	1	
MEVE0019	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	0	1	
MEVE0020	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	0	1	
MEVE0022	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0023	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0025	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0028	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/76-07/04/76	0	1	
MEVE0029	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0030	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/94-06/15/94	0	1	
MEVE0032	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0034	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/94-07/05/94	0	2	
MEVE0037	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/94-06/15/94	0	1	
MEVE0038	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/94-07/05/94	0	2	
MEVE0040	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0041	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/76-07/06/76	0	1	
MEVE0043	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/94-07/05/94	0	2	
MEVE0044	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	0	1	
MEVE0046	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0047	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/76-05/24/76	0	1	
MEVE0049	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-10/21/75	0	1	
MEVE0050	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/76-05/24/76	0	1	
MEVE0051	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-10/21/75	0	1	
MEVE0052	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/15/89-07/25/89	0	2	
MEVE0053	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0054	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0056	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0057	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/94-06/15/94	0	1	
MEVE0059	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	0	1	
MEVE0060	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/94-07/06/94	0	2	
MEVE0062	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-07/22/98	11	10	
MEVE0063	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0064	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0067	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/94-07/06/94	0	2	
MEVE0068	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	0	1	
MEVE0069	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	0	1	
MEVE0070	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/76-05/24/76	0	1	
MEVE0071	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/90-09/21/90	0	1	
MEVE0073	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/15/93-08/15/93	0	2	
MEVE0075	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	0	1	
MEVE0093	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/94-07/06/94	0	1	
MEVE0094	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/15/93-08/15/93	0	1	
MEVE0097	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/15/93-08/15/93	0	1	
MEVE0099	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-09/15/88	0	2	
MEVE0101	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	0	1	
MEVE0102	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/77-09/15/77	0	1	
MEVE0103	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/76-06/05/79	2	30	
MEVE0104	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/95-07/01/95	0	1	
MEVE0106	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/79-11/15/82	3	39	
MEVE0107	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/94-09/15/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0108	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-11/01/86	0	1	
MEVE0115	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-07/21/98	15	12	
MEVE0117	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-09/05/91	6	2	
MEVE0128	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	0	1	
MEVE0129	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	0	1	
MEVE0132	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/90-09/21/90	0	1	
MEVE0144	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/77-09/01/77	0	1	
MEVE0146	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/94-07/06/94	0	2	
MEVE0148	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-10/15/84	0	1	
MEVE0159	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/94-07/06/94	0	2	
MEVE0161	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/77-09/15/77	0	1	
MEVE0162	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/77-09/01/77	0	1	
MEVE0163	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/77-09/03/77	0	1	
MEVE0164	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/94-07/07/94	0	2	
MEVE0166	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/77-09/03/77	0	1	
MEVE0168	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/94-07/06/94	0	2	
MEVE0132	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0132	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0002	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/76-05/26/76	0	1	
MEVE0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/76-05/26/76	0	1	
MEVE0005	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0006	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0008	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0009	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	0	1	
MEVE0011	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/76-05/26/76	0	1	
MEVE0013	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/94-07/05/94	0	2	
MEVE0017	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/76-07/04/76	0	1	
MEVE0018	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/76-07/04/76	0	1	
MEVE0019	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	0	1	
MEVE0020	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	0	1	
MEVE0022	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0023	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0025	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0028	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/76-07/04/76	0	1	
MEVE0029	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0030	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/94-06/15/94	0	1	
MEVE0032	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0034	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/94-07/05/94	0	2	
MEVE0037	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/94-06/15/94	0	1	
MEVE0038	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/94-07/05/94	0	2	
MEVE0040	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0041	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/76-07/06/76	0	1	
MEVE0043	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/94-07/05/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0044	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	0	1	
MEVE0046	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0047	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/76-05/24/76	0	1	
MEVE0049	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-10/21/75	0	1	
MEVE0050	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/76-05/24/76	0	1	
MEVE0051	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-10/21/75	0	1	
MEVE0052	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/15/89-07/25/89	0	2	
MEVE0053	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0054	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0056	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0057	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/94-06/15/94	0	1	
MEVE0059	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	0	1	
MEVE0060	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/94-07/06/94	0	2	
MEVE0062	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-07/22/98	11	10	
MEVE0063	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0064	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0067	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/94-07/06/94	0	2	
MEVE0068	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	0	1	
MEVE0069	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	0	1	
MEVE0070	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/76-05/24/76	0	1	
MEVE0071	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-09/21/90	0	1	
MEVE0073	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/15/93-08/15/93	0	2	
MEVE0075	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	0	1	
MEVE0093	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/94-07/06/94	0	1	
MEVE0094	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/15/93-08/15/93	0	1	
MEVE0097	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/15/93-08/15/93	0	1	
MEVE0099	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-09/15/88	0	2	
MEVE0101	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	0	1	
MEVE0102	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/77-09/15/77	0	1	
MEVE0103	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/76-06/05/79	2	30	
MEVE0104	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/95-07/01/95	0	1	
MEVE0106	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/79-11/15/82	3	39	
MEVE0107	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-11/01/86	0	1	
MEVE0115	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-07/21/98	15	12	
MEVE0117	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-09/05/91	6	2	
MEVE0128	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	0	1	
MEVE0129	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-09/15/88	0	1	
MEVE0132	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/28/90-11/08/90	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0134	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-09/21/90	0	1	
MEVE0144	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/77-09/01/77	0	1	
MEVE0146	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/94-07/06/94	0	2	
MEVE0148	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-10/15/84	0	1	
MEVE0159	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/94-07/06/94	0	2	
MEVE0161	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/77-09/15/77	0	1	
MEVE0162	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/77-09/01/77	0	1	
MEVE0163	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/77-09/03/77	0	1	
MEVE0164	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/94-07/07/94	0	2	
MEVE0166	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/77-09/03/77	0	1	
MEVE0168	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/94-07/06/94	0	2	
MEVE0012	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/89-07/01/89	0	1	
MEVE0021	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/71-12/09/80	9	43	T
MEVE0035	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/89-07/01/89	0	1	
MEVE0045	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/89-07/01/89	0	1	
MEVE0021	No	00929	SODIUM, TOTAL (MG/L AS NA)	08/17/71-06/04/80	8	43	T
MEVE0009	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	0	1	
MEVE0013	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/94-07/05/94	0	2	
MEVE0019	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	0	1	
MEVE0020	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	0	1	
MEVE0030	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/94-06/15/94	0	1	
MEVE0034	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/94-07/05/94	0	2	
MEVE0037	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/94-06/15/94	0	1	
MEVE0038	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/94-07/05/94	0	2	
MEVE0043	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/94-07/05/94	0	2	
MEVE0044	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	0	1	
MEVE0049	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-10/21/75	0	1	
MEVE0051	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-10/21/75	0	1	
MEVE0052	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/15/89-07/25/89	0	2	
MEVE0057	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/94-06/15/94	0	1	
MEVE0059	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	0	1	
MEVE0060	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/94-07/06/94	0	2	
MEVE0062	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-07/22/98	11	10	
MEVE0067	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/94-07/06/94	0	2	
MEVE0068	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	0	1	
MEVE0072	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/15/93-08/15/93	0	2	
MEVE0075	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	0	1	
MEVE0093	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/15/93-08/15/93	0	1	
MEVE0097	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/15/93-08/15/93	0	1	
MEVE0099	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-09/15/88	0	2	
MEVE0101	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	0	1	
MEVE0103	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/13/76-06/05/79	2	30	
MEVE0104	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/95-07/01/95	0	1	
MEVE0106	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/79-11/15/82	3	39	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0107	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-07/21/98	15	12	
MEVE0117	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-09/05/91	6	2	
MEVE0129	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-09/15/88	0	1	
MEVE0132	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/90-09/21/90	0	1	
MEVE0146	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/94-07/06/94	0	2	
MEVE0148	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-10/15/84	0	1	
MEVE0159	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/94-07/06/94	0	2	
MEVE0164	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/94-07/07/94	0	2	
MEVE0168	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/94-07/06/94	0	2	
MEVE0009	No	00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	0	1	
MEVE0015	No	00931	SODIUM ADSORPTION RATIO	03/27/90-11/14/90	0	3	
MEVE0019	No	00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	0	1	
MEVE0020	No	00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	0	1	
MEVE0021	No	00931	SODIUM ADSORPTION RATIO	08/17/71-06/04/80	8	40	T
MEVE0044	No	00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	0	1	
MEVE0049	No	00931	SODIUM ADSORPTION RATIO	10/21/75-10/21/75	0	1	
MEVE0051	No	00931	SODIUM ADSORPTION RATIO	10/21/75-10/21/75	0	1	
MEVE0059	No	00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	0	1	
MEVE0062	No	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0068	No	00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	0	1	
MEVE0077	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0097	No	00931	SODIUM ADSORPTION RATIO	10/21/75-10/21/75	0	1	
MEVE0099	No	00931	SODIUM ADSORPTION RATIO	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0103	No	00931	SODIUM ADSORPTION RATIO	09/13/76-06/05/79	2	30	
MEVE0106	No	00931	SODIUM ADSORPTION RATIO	07/09/79-11/15/82	3	39	
MEVE0111	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0116	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0121	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0131	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0133	No	00931	SODIUM ADSORPTION RATIO	03/28/90-11/08/90	0	3	
MEVE0134	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0138	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0147	No	00931	SODIUM ADSORPTION RATIO	04/17/90-11/08/90	0	4	
MEVE0151	Yes	00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	0	1	
MEVE0009	No	00932	SODIUM, PERCENT	10/20/75-10/20/75	0	1	
MEVE0019	No	00932	SODIUM, PERCENT	10/20/75-10/20/75	0	1	
MEVE0020	No	00932	SODIUM, PERCENT	10/20/75-10/20/75	0	1	
MEVE0044	No	00932	SODIUM, PERCENT	10/20/75-10/20/75	0	1	
MEVE0049	No	00932	SODIUM, PERCENT	10/21/75-10/21/75	0	1	
MEVE0051	No	00932	SODIUM, PERCENT	10/21/75-10/21/75	0	1	
MEVE0059	No	00932	SODIUM, PERCENT	10/20/75-10/20/75	0	1	
MEVE0068	No	00932	SODIUM, PERCENT	10/20/75-10/20/75	0	1	
MEVE0097	No	00932	SODIUM, PERCENT	10/21/75-10/21/75	0	1	
MEVE0099	No	00932	SODIUM, PERCENT	10/21/75-10/21/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0103	No	00932	SODIUM, PERCENT	09/13/76-06/05/79	2	29	
MEVE0106	No	00932	SODIUM, PERCENT	07/09/79-11/15/82	3	38	
MEVE0106	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/09/79-03/11/80	0	8	
MEVE0132	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0009	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	0	1	
MEVE0013	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/21/94-07/05/94	0	2	
MEVE0019	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	0	1	
MEVE0020	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	0	1	
MEVE0030	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/94-06/15/94	0	1	
MEVE0034	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/21/94-07/05/94	0	2	
MEVE0037	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/94-06/15/94	0	1	
MEVE0038	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/21/94-07/05/94	0	2	
MEVE0043	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/94-07/05/94	0	2	
MEVE0044	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	0	1	
MEVE0049	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-10/21/75	0	1	
MEVE0051	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-10/21/75	0	1	
MEVE0052	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/15/89-07/25/89	0	2	
MEVE0057	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/94-06/15/94	0	1	
MEVE0059	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	0	1	
MEVE0060	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/94-07/06/94	0	2	
MEVE0062	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-07/22/98	11	10	
MEVE0067	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/94-07/06/94	0	2	
MEVE0068	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	0	1	
MEVE0072	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/15/93-08/15/93	0	2	
MEVE0075	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	0	1	
MEVE0093	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/15/93-08/15/93	0	1	
MEVE0097	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/15/93-08/15/93	0	1	
MEVE0099	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-09/15/88	0	2	
MEVE0101	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	0	1	
MEVE0103	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/13/76-06/05/79	2	29	
MEVE0104	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/95-07/01/95	0	1	
MEVE0106	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/79-11/15/82	3	38	
MEVE0107	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-07/21/98	15	12	
MEVE0117	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-09/05/91	6	2	
MEVE0129	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-09/15/88	0	1	
MEVE0132	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/89-10/15/89	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0143	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-09/21/90	0	1	
MEVE0146	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/94-07/06/94	0	2	
MEVE0148	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-10/15/84	0	1	
MEVE0159	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/94-07/06/94	0	2	
MEVE0164	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/94-07/07/94	0	2	
MEVE0168	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/94-07/06/94	0	2	
MEVE0021	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/15/78-05/02/83	5	11	
MEVE0132	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0009	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	0	1	
MEVE0013	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/94-07/05/94	0	2	
MEVE0019	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	0	1	
MEVE0020	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	0	1	
MEVE0021	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/71-06/04/80	8	42	T
MEVE0030	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/15/94-06/15/94	0	1	
MEVE0034	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/94-07/05/94	0	2	
MEVE0037	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/15/94-06/15/94	0	1	
MEVE0038	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/94-07/05/94	0	2	
MEVE0043	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-07/05/94	0	2	
MEVE0044	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	0	1	
MEVE0049	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-10/21/75	0	1	
MEVE0051	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-10/21/75	0	1	
MEVE0052	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/89-07/25/89	0	2	
MEVE0057	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/15/94-06/15/94	0	1	
MEVE0059	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	0	1	
MEVE0060	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-07/06/94	0	2	
MEVE0067	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-07/06/94	0	2	
MEVE0068	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	0	1	
MEVE0097	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-10/21/75	0	1	
MEVE0099	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-10/21/75	0	1	
MEVE0103	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/76-06/05/79	2	29	
MEVE0106	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/79-11/15/82	3	39	
MEVE0129	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/90-11/14/90	0	3	
MEVE0132	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/28/90-11/08/90	0	4	
MEVE0146	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-07/06/94	0	2	
MEVE0148	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/17/90-11/08/90	0	4	
MEVE0159	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/94-07/06/94	0	2	
MEVE0164	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/94-07/07/94	0	2	
MEVE0168	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/94-07/06/94	0	2	
MEVE0062	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-07/22/98	11	10	
MEVE0072	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/21/90-09/21/90	0	1	
MEVE0074	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/93-08/15/93	0	1	
MEVE0075	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	0	1	
MEVE0081	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-07/29/98	15	8	
MEVE0083	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	0	1	
MEVE0093	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-07/06/94	0	1	
MEVE0095	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/93-08/15/93	0	1	
MEVE0098	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/93-08/15/93	0	1	
MEVE0100	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-09/15/88	0	2	
MEVE0101	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	0	1	
MEVE0104	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/01/95-07/01/95	0	1	
MEVE0107	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/94-09/15/94	0	1	
MEVE0109	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/18/95-12/18/95	0	1	
MEVE0111	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-12/18/95	7	2	
MEVE0112	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0113	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-11/01/86	0	1	
MEVE0116	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-07/21/98	15	12	
MEVE0117	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-08/10/98	11	2	
MEVE0124	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/91-09/05/91	0	1	
MEVE0127	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-09/05/91	6	2	
MEVE0130	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-09/15/88	0	1	
MEVE0134	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-10/15/84	0	1	
MEVE0137	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/21/90-09/21/90	0	1	
MEVE0150	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-10/15/84	0	1	
MEVE0009	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	0	1	
MEVE0013	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/94-07/05/94	0	2	
MEVE0019	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	0	1	
MEVE0020	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	0	1	
MEVE0021	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/71-06/22/93	21	112	T,S
MEVE0030	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/15/94-06/15/94	0	1	
MEVE0034	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/94-07/05/94	0	2	
MEVE0037	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/15/94-06/15/94	0	1	
MEVE0038	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/94-07/05/94	0	2	
MEVE0043	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/22/94-07/05/94	0	2	
MEVE0044	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	0	1	
MEVE0049	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-10/21/75	0	1	
MEVE0051	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-10/21/75	0	1	
MEVE0052	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/15/89-07/25/89	0	2	
MEVE0057	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/15/94-06/15/94	0	1	
MEVE0059	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	0	1	
MEVE0060	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/22/94-07/06/94	0	2	
MEVE0067	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/22/94-07/06/94	0	2	
MEVE0068	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	0	1	
MEVE0097	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-10/21/75	0	1	
MEVE0099	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-10/21/75	0	1	
MEVE0103	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/76-06/05/79	2	29	
MEVE0106	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/79-11/15/82	3	39	
MEVE0129	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/27/90-11/14/90	0	3	
MEVE0132	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/28/90-11/08/90	0	4	
MEVE0146	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/22/94-07/06/94	0	2	
MEVE0148	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/17/90-11/08/90	0	4	
MEVE0159	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/94-07/06/94	0	2	
MEVE0164	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/94-07/07/94	0	2	
MEVE0168	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/94-07/06/94	0	2	
MEVE0062	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-07/22/98	11	10	
MEVE0072	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	0	1	
MEVE0093	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-09/15/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0101	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	0	1	
MEVE0104	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-07/21/98	15	12	
MEVE0117	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-09/05/91	6	2	
MEVE0130	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-09/21/90	0	1	
MEVE0150	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-10/15/84	0	1	
MEVE0009	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	0	1	
MEVE0013	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/21/94-07/05/94	0	2	
MEVE0019	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	0	1	
MEVE0020	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	0	1	
MEVE0030	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/94-06/15/94	0	1	
MEVE0034	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/21/94-07/05/94	0	2	
MEVE0037	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/94-06/15/94	0	1	
MEVE0038	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/21/94-07/05/94	0	2	
MEVE0043	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/94-07/05/94	0	2	
MEVE0044	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	0	1	
MEVE0049	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-10/21/75	0	1	
MEVE0051	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-10/21/75	0	1	
MEVE0052	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/15/89-07/25/89	0	2	
MEVE0057	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/94-06/15/94	0	1	
MEVE0059	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	0	1	
MEVE0060	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/94-07/06/94	0	2	
MEVE0067	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/94-07/06/94	0	2	
MEVE0068	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	0	1	
MEVE0097	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-10/21/75	0	1	
MEVE0099	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-10/21/75	0	1	
MEVE0103	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/76-06/05/79	2	30	
MEVE0106	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/79-11/15/82	3	39	
MEVE0109	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/18/95-12/18/95	0	1	
MEVE0129	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/14/90-11/14/90	0	1	
MEVE0132	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/08/90-11/08/90	0	2	
MEVE0146	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/94-07/06/94	0	2	
MEVE0148	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/08/90-11/08/90	0	2	
MEVE0159	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/94-07/06/94	0	2	
MEVE0164	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/94-07/07/94	0	2	
MEVE0168	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/94-07/06/94	0	2	
MEVE0021	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/17/71-07/12/77	5	26	T
MEVE0009	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	0	1	
MEVE0013	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/21/94-07/05/94	0	2	
MEVE0019	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	0	1	
MEVE0020	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	0	1	
MEVE0030	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/94-06/15/94	0	1	
MEVE0034	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/21/94-07/05/94	0	2	
MEVE0037	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/94-06/15/94	0	1	
MEVE0038	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/21/94-07/05/94	0	2	
MEVE0043	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/94-07/05/94	0	2	
MEVE0044	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0049	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-10/21/75	0	1	
MEVE0051	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-10/21/75	0	1	
MEVE0052	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/15/89-07/25/89	0	2	
MEVE0057	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/94-06/15/94	0	1	
MEVE0059	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	0	1	
MEVE0060	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/94-07/06/94	0	2	
MEVE0067	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/94-07/06/94	0	2	
MEVE0068	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	0	1	
MEVE0097	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-10/21/75	0	1	
MEVE0099	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-10/21/75	0	1	
MEVE0103	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/76-06/05/79	2	30	
MEVE0106	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/79-11/15/82	3	39	
MEVE0129	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/90-11/14/90	0	2	
MEVE0132	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/90-11/08/90	0	3	
MEVE0146	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/94-07/06/94	0	2	
MEVE0148	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/08/90-11/08/90	0	2	
MEVE0159	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/94-07/06/94	0	2	
MEVE0164	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/94-07/07/94	0	2	
MEVE0168	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/94-07/06/94	0	2	
MEVE0021	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/17/71-06/22/93	21	95	T,S
MEVE0021	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	05/10/79-11/05/81	2	6	
MEVE0059	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/20/75-10/20/75	0	1	
MEVE0062	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/15/89	2	3	
MEVE0075	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-09/15/88	3	2	
MEVE0079	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/84	1	2	
MEVE0085	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-10/01/87	2	2	
MEVE0087	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/15/89	2	2	
MEVE0091	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	0	1	
MEVE0095	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/84	1	2	
MEVE0100	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-09/15/88	0	2	
MEVE0101	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	0	1	
MEVE0111	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/84	1	2	
MEVE0116	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/89	6	5	
MEVE0121	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	0	1	
MEVE0124	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/89-10/15/89	0	1	
MEVE0127	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-10/15/84	0	1	
MEVE0129	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	0	1	
MEVE0132	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-10/15/84	0	1	
MEVE0138	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	0	1	
MEVE0142	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/89-10/15/89	0	2	
MEVE0148	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/17/90-11/08/90	0	4	
MEVE0151	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/89	6	4	
MEVE0153	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/89-10/15/89	0	1	
MEVE0156	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	0	1	
MEVE0157	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-10/15/84	0	1	
MEVE0021	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/17/71-05/02/83	11	37	T
MEVE0052	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/15/89-07/25/89	0	2	
MEVE0012	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0045	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0132	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0062	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-07/22/98	11	10	
MEVE0072	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-07/30/98	11	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0089	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	0	1	
MEVE0093	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-09/15/88	0	2	
MEVE0101	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	0	1	
MEVE0104	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-07/21/98	15	12	
MEVE0117	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-09/05/91	6	2	
MEVE0130	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/21/90-09/21/90	0	1	
MEVE0150	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-10/15/84	0	1	
MEVE0012	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/01/89-07/01/89	0	1	
MEVE0035	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/01/89-07/01/89	0	1	
MEVE0045	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/01/89-07/01/89	0	1	
MEVE0012	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0045	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0132	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0012	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0045	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0132	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0052	No	01020	BORON, DISSOLVED (UG/L AS B)	05/15/89-07/25/89	0	2	
MEVE0062	No	01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-07/22/98	11	10	
MEVE0072	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	0	1	
MEVE0093	No	01020	BORON, DISSOLVED (UG/L AS B)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-09/15/88	0	2	
MEVE0101	No	01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	0	1	
MEVE0104	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/01/95-07/01/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0106	No	01020	BORON, DISSOLVED (UG/L AS B)	07/19/79-07/19/79	0	1	
MEVE0107	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-07/21/98	15	12	
MEVE0117	No	01020	BORON, DISSOLVED (UG/L AS B)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-09/05/91	6	2	
MEVE0129	No	01020	BORON, DISSOLVED (UG/L AS B)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	0	1	
MEVE0132	No	01020	BORON, DISSOLVED (UG/L AS B)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/21/90-09/21/90	0	1	
MEVE0148	No	01020	BORON, DISSOLVED (UG/L AS B)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-10/15/84	0	1	
MEVE0012	No	01022	BORON, TOTAL (UG/L AS B)	07/01/89-07/01/89	0	1	
MEVE0021	No	01022	BORON, TOTAL (UG/L AS B)	08/17/71-04/01/82	10	35	T
MEVE0035	No	01022	BORON, TOTAL (UG/L AS B)	07/01/89-07/01/89	0	1	
MEVE0045	No	01022	BORON, TOTAL (UG/L AS B)	07/01/89-07/01/89	0	1	
MEVE0012	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0045	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0021	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/01/88-06/22/93	5	23	T
MEVE0062	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-07/22/98	11	10	
MEVE0072	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	0	1	
MEVE0093	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-09/15/88	0	2	
MEVE0101	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	0	1	
MEVE0104	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-07/21/98	15	12	
MEVE0117	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/89-10/15/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0125	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-09/05/91	6	2	
MEVE0129	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-09/15/88	0	1	
MEVE0132	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/21/90-09/21/90	0	1	
MEVE0148	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-10/15/84	0	1	
MEVE0052	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/89-07/25/89	0	2	
MEVE0012	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0045	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0132	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0132	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0002	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/26/76-05/26/76	0	1	
MEVE0003	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/26/76-05/26/76	0	1	
MEVE0005	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0006	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0008	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0011	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/26/76-05/26/76	0	1	
MEVE0017	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/76-07/04/76	0	1	
MEVE0018	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/76-07/04/76	0	1	
MEVE0022	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0023	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0025	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0028	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/76-07/04/76	0	1	
MEVE0029	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0032	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0040	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0041	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/76-07/06/76	0	1	
MEVE0046	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0047	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/76-05/24/76	0	1	
MEVE0050	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/76-05/24/76	0	1	
MEVE0053	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0054	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0056	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0062	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-07/22/98	11	10	
MEVE0063	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0064	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0069	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	0	1	
MEVE0070	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/76-05/24/76	0	1	
MEVE0071	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/21/90-09/21/90	0	1	
MEVE0073	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	0	1	
MEVE0093	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/94-07/06/94	0	1	
MEVE0094	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-10/15/84	1	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0096	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-09/15/88	0	2	
MEVE0101	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	0	1	
MEVE0102	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/77-09/15/77	0	1	
MEVE0104	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/01/95-07/01/95	0	1	
MEVE0106	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/19/79-07/19/79	0	1	
MEVE0107	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-11/01/86	0	1	
MEVE0115	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-07/21/98	15	12	
MEVE0117	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-09/05/91	6	2	
MEVE0128	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	0	1	
MEVE0129	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-09/15/88	0	1	
MEVE0132	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/21/90-09/21/90	0	1	
MEVE0144	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	0	1	
MEVE0148	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-10/15/84	0	1	
MEVE0161	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/77-09/15/77	0	1	
MEVE0162	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	0	1	
MEVE0163	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/77-09/03/77	0	1	
MEVE0166	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/77-09/03/77	0	1	
MEVE0021	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/17/71-01/12/77	5	19	T
MEVE0106	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	07/19/79-07/19/79	0	1	
MEVE0012	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/01/89-07/01/89	0	1	
MEVE0035	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/01/89-07/01/89	0	1	
MEVE0045	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/01/89-07/01/89	0	1	
MEVE0052	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/15/89-07/25/89	0	2	
MEVE0002	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/26/76-05/26/76	0	1	
MEVE0003	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/26/76-05/26/76	0	1	
MEVE0005	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0006	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0008	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0011	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/26/76-05/26/76	0	1	
MEVE0017	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/76-07/04/76	0	1	
MEVE0018	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/76-07/04/76	0	1	
MEVE0022	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0023	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0025	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0028	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/76-07/04/76	0	1	
MEVE0029	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0032	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0040	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0041	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/76-07/06/76	0	1	
MEVE0046	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0047	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/76-05/24/76	0	1	
MEVE0050	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/76-05/24/76	0	1	
MEVE0053	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0054	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0056	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0063	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0064	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0069	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	0	1	
MEVE0070	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/76-05/24/76	0	1	
MEVE0071	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/77-09/01/77	0	1	
MEVE0073	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/77-09/01/77	0	1	
MEVE0080	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/02/77-09/02/77	0	1	
MEVE0094	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/03/77-09/03/77	0	1	
MEVE0102	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/77-09/15/77	0	1	
MEVE0115	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/02/77-09/02/77	0	1	
MEVE0123	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/03/77-09/03/77	0	1	
MEVE0126	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/02/77-09/02/77	0	1	
MEVE0128	No	01035	COBALT, DISSOLVED (UG/L AS CO)	08/31/77-08/31/77	0	1	
MEVE0140	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/77-09/15/77	0	1	
MEVE0144	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/77-09/01/77	0	1	
MEVE0161	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/77-09/15/77	0	1	
MEVE0162	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/77-09/01/77	0	1	
MEVE0163	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/03/77-09/03/77	0	1	
MEVE0166	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/03/77-09/03/77	0	1	
MEVE0132	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0002	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/26/76-05/26/76	0	1	
MEVE0003	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/26/76-05/26/76	0	1	
MEVE0005	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0006	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0008	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0011	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/26/76-05/26/76	0	1	
MEVE0017	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/76-07/04/76	0	1	
MEVE0018	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/76-07/04/76	0	1	
MEVE0021	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/01/88-06/22/93	5	23	T
MEVE0022	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0023	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0025	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0028	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/76-07/04/76	0	1	
MEVE0029	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0032	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0040	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0041	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/76-07/06/76	0	1	
MEVE0046	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0047	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/76-05/24/76	0	1	
MEVE0050	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/76-05/24/76	0	1	
MEVE0053	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0054	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0056	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0062	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-07/22/98	11	10	
MEVE0063	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0064	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0069	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	0	1	
MEVE0070	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/76-05/24/76	0	1	
MEVE0071	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/21/90-09/21/90	0	1	
MEVE0073	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	0	1	
MEVE0093	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/94-07/06/94	0	1	
MEVE0094	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/77-09/03/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0095	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-09/15/88	0	2	
MEVE0101	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	0	1	
MEVE0102	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/77-09/15/77	0	1	
MEVE0104	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-11/01/86	0	1	
MEVE0115	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-07/21/98	15	12	
MEVE0117	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-09/05/91	6	2	
MEVE0128	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	0	1	
MEVE0129	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-09/15/88	0	1	
MEVE0132	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/21/90-09/21/90	0	1	
MEVE0144	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	0	1	
MEVE0148	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-10/15/84	0	1	
MEVE0161	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/77-09/15/77	0	1	
MEVE0162	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	0	1	
MEVE0163	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/77-09/03/77	0	1	
MEVE0166	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/77-09/03/77	0	1	
MEVE0012	No	01042	COPPER, TOTAL (UG/L AS CU)	07/01/89-07/01/89	0	1	
MEVE0035	No	01042	COPPER, TOTAL (UG/L AS CU)	07/01/89-07/01/89	0	1	
MEVE0045	No	01042	COPPER, TOTAL (UG/L AS CU)	07/01/89-07/01/89	0	1	
MEVE0052	No	01042	COPPER, TOTAL (UG/L AS CU)	05/15/89-07/25/89	0	2	
MEVE0012	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0045	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0132	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0012	No	01045	IRON, TOTAL (UG/L AS FE)	07/01/89-07/01/89	0	1	
MEVE0021	No	01045	IRON, TOTAL (UG/L AS FE)	05/02/83-05/02/83	0	1	
MEVE0035	No	01045	IRON, TOTAL (UG/L AS FE)	07/01/89-07/01/89	0	1	
MEVE0045	No	01045	IRON, TOTAL (UG/L AS FE)	07/01/89-07/01/89	0	1	
MEVE0052	No	01045	IRON, TOTAL (UG/L AS FE)	05/15/89-07/25/89	0	2	
MEVE0002	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/26/76-05/26/76	0	1	
MEVE0003	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/26/76-05/26/76	0	1	
MEVE0005	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0006	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0008	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0009	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	0	1	
MEVE0011	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/26/76-05/26/76	0	1	
MEVE0017	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/76-07/04/76	0	1	
MEVE0018	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/76-07/04/76	0	1	
MEVE0019	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0020	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	0	1	
MEVE0021	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/01/88-04/28/92	3	17	
MEVE0022	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0023	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0025	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0028	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/76-07/04/76	0	1	
MEVE0029	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0032	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0040	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0041	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/06/76-07/06/76	0	1	
MEVE0044	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	0	1	
MEVE0046	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0047	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/24/76-05/24/76	0	1	
MEVE0049	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-10/21/75	0	1	
MEVE0050	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/24/76-05/24/76	0	1	
MEVE0051	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-10/21/75	0	1	
MEVE0053	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0054	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0056	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0059	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	0	1	
MEVE0062	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-07/22/98	11	10	
MEVE0063	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0064	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0068	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	0	1	
MEVE0069	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	0	1	
MEVE0070	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/24/76-05/24/76	0	1	
MEVE0071	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/21/90-09/21/90	0	1	
MEVE0073	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	0	1	
MEVE0093	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/06/94-07/06/94	0	1	
MEVE0094	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/15/93-08/15/93	0	1	
MEVE0097	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/15/93-08/15/93	0	1	
MEVE0099	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-09/15/88	0	2	
MEVE0101	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	0	1	
MEVE0102	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/77-09/15/77	0	1	
MEVE0103	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/13/76-06/05/79	2	30	
MEVE0104	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/95-07/01/95	0	1	
MEVE0106	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/79-11/15/82	3	38	
MEVE0107	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-11/01/86	0	1	
MEVE0115	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-07/21/98	15	12	
MEVE0117	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/02/77-09/02/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0127	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-09/05/91	6	2	
MEVE0128	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	0	1	
MEVE0130	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/21/90-09/21/90	0	1	
MEVE0144	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/01/77-09/01/77	0	1	
MEVE0150	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-10/15/84	0	1	
MEVE0161	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/77-09/15/77	0	1	
MEVE0162	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/01/77-09/01/77	0	1	
MEVE0163	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/03/77-09/03/77	0	1	
MEVE0166	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/03/77-09/03/77	0	1	
MEVE0002	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/26/76-05/26/76	0	1	
MEVE0003	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/26/76-05/26/76	0	1	
MEVE0005	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0006	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0008	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0011	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/26/76-05/26/76	0	1	
MEVE0017	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/76-07/04/76	0	1	
MEVE0018	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/76-07/04/76	0	1	
MEVE0021	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/01/88-06/22/93	5	23	T
MEVE0022	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0023	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0025	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0028	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/76-07/04/76	0	1	
MEVE0029	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0032	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0040	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0041	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/76-07/06/76	0	1	
MEVE0046	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0047	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/76-05/24/76	0	1	
MEVE0050	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/76-05/24/76	0	1	
MEVE0053	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0054	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0056	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0062	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-07/22/98	11	10	
MEVE0063	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0064	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0069	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	0	1	
MEVE0070	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/76-05/24/76	0	1	
MEVE0071	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/21/90-09/21/90	0	1	
MEVE0073	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	0	1	
MEVE0093	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/94-07/06/94	0	1	
MEVE0094	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-09/15/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0101	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	0	1	
MEVE0102	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/77-09/15/77	0	1	
MEVE0104	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-11/01/86	0	1	
MEVE0115	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-07/21/98	15	12	
MEVE0117	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-11/01/86	0	1	
MEVE0123	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-09/05/91	6	2	
MEVE0128	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	0	1	
MEVE0129	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	0	1	
MEVE0132	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/21/90-09/21/90	0	1	
MEVE0144	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	0	1	
MEVE0148	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-10/15/84	0	1	
MEVE0161	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/77-09/15/77	0	1	
MEVE0162	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	0	1	
MEVE0163	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/03/77-09/03/77	0	1	
MEVE0166	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/03/77-09/03/77	0	1	
MEVE0012	No	01051	LEAD, TOTAL (UG/L AS PB)	07/01/89-07/01/89	0	1	
MEVE0035	No	01051	LEAD, TOTAL (UG/L AS PB)	07/01/89-07/01/89	0	1	
MEVE0045	No	01051	LEAD, TOTAL (UG/L AS PB)	07/01/89-07/01/89	0	1	
MEVE0052	No	01051	LEAD, TOTAL (UG/L AS PB)	05/15/89-07/25/89	0	2	
MEVE0012	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0045	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0132	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0132	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0012	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/01/89-07/01/89	0	1	
MEVE0035	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/01/89-07/01/89	0	1	
MEVE0045	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/01/89-07/01/89	0	1	
MEVE0052	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/15/89-07/25/89	0	2	
MEVE0002	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/76-05/26/76	0	1	
MEVE0003	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/76-05/26/76	0	1	
MEVE0005	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0006	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0008	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0009	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	0	1	
MEVE0011	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/76-05/26/76	0	1	
MEVE0017	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/76-07/04/76	0	1	
MEVE0018	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/76-07/04/76	0	1	
MEVE0019	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	0	1	
MEVE0020	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	0	1	
MEVE0021	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/01/88-06/22/93	5	23	T
MEVE0022	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0023	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0025	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0028	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/76-07/04/76	0	1	
MEVE0029	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0032	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0040	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0041	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/76-07/06/76	0	1	
MEVE0044	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	0	1	
MEVE0046	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0047	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/76-05/24/76	0	1	
MEVE0049	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-10/21/75	0	1	
MEVE0050	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/76-05/24/76	0	1	
MEVE0051	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-10/21/75	0	1	
MEVE0053	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0054	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0056	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0059	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	0	1	
MEVE0062	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-07/22/98	11	10	
MEVE0063	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0064	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0068	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	0	1	
MEVE0069	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	0	1	
MEVE0070	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/76-05/24/76	0	1	
MEVE0071	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/21/90-09/21/90	0	1	
MEVE0073	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	0	1	
MEVE0093	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/94-07/06/94	0	1	
MEVE0094	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/15/93-08/15/93	0	1	
MEVE0097	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-10/21/75	0	1	
MEVE0098	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/15/93-08/15/93	0	1	
MEVE0099	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-10/21/75	0	1	
MEVE0100	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-09/15/88	0	2	
MEVE0101	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	0	1	
MEVE0102	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/77-09/15/77	0	1	
MEVE0103	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/13/76-06/05/79	2	30	
MEVE0104	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/95-07/01/95	0	1	
MEVE0106	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/79-11/15/82	3	39	
MEVE0107	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-11/01/86	0	1	
MEVE0115	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-07/21/98	15	12	
MEVE0117	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-09/05/91	6	2	
MEVE0128	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	0	1	
MEVE0130	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-09/15/88	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0134	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/21/90-09/21/90	0	1	
MEVE0144	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/77-09/01/77	0	1	
MEVE0150	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-10/15/84	0	1	
MEVE0161	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/77-09/15/77	0	1	
MEVE0162	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/77-09/01/77	0	1	
MEVE0163	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/77-09/03/77	0	1	
MEVE0166	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/77-09/03/77	0	1	
MEVE0002	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/26/76-05/26/76	0	1	
MEVE0003	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/26/76-05/26/76	0	1	
MEVE0005	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0006	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0008	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0011	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/26/76-05/26/76	0	1	
MEVE0017	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/76-07/04/76	0	1	
MEVE0018	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/76-07/04/76	0	1	
MEVE0022	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0023	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0025	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0028	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/76-07/04/76	0	1	
MEVE0029	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0032	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0040	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0041	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/76-07/06/76	0	1	
MEVE0046	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0047	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/76-05/24/76	0	1	
MEVE0050	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/76-05/24/76	0	1	
MEVE0053	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0054	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0056	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0062	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-07/22/98	11	10	
MEVE0063	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0064	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0069	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	0	1	
MEVE0070	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/76-05/24/76	0	1	
MEVE0071	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/21/90-09/21/90	0	1	
MEVE0073	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	0	1	
MEVE0093	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/94-07/06/94	0	1	
MEVE0094	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-09/15/88	0	2	
MEVE0101	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	0	1	
MEVE0102	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/77-09/15/77	0	1	
MEVE0104	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/94-09/15/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0108	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-11/01/86	0	1	
MEVE0115	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-07/21/98	15	12	
MEVE0117	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-09/05/91	6	2	
MEVE0128	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	0	1	
MEVE0129	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	0	1	
MEVE0132	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/21/90-09/21/90	0	1	
MEVE0144	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	0	1	
MEVE0148	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-10/15/84	0	1	
MEVE0161	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/77-09/15/77	0	1	
MEVE0162	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	0	1	
MEVE0163	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/03/77-09/03/77	0	1	
MEVE0166	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/03/77-09/03/77	0	1	
MEVE0132	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0002	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/26/76-05/26/76	0	1	
MEVE0003	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/26/76-05/26/76	0	1	
MEVE0005	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0006	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0008	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0011	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/26/76-05/26/76	0	1	
MEVE0017	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/76-07/04/76	0	1	
MEVE0018	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/76-07/04/76	0	1	
MEVE0022	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0023	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0025	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0028	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/76-07/04/76	0	1	
MEVE0029	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0032	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0040	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0041	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/76-07/06/76	0	1	
MEVE0046	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0047	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/76-05/24/76	0	1	
MEVE0050	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/76-05/24/76	0	1	
MEVE0053	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0054	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0056	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0062	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-07/22/98	11	10	
MEVE0063	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0064	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0069	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	0	1	
MEVE0070	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/76-05/24/76	0	1	
MEVE0071	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/21/90-09/21/90	0	1	
MEVE0073	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/15/93-08/15/93	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0075	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	0	1	
MEVE0093	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/94-07/06/94	0	1	
MEVE0094	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-09/15/88	0	2	
MEVE0101	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	0	1	
MEVE0102	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/77-09/15/77	0	1	
MEVE0104	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-11/01/86	0	1	
MEVE0115	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-07/21/98	15	12	
MEVE0117	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-09/05/91	6	2	
MEVE0128	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	0	1	
MEVE0130	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/21/90-09/21/90	0	1	
MEVE0144	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	0	1	
MEVE0150	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-10/15/84	0	1	
MEVE0161	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/77-09/15/77	0	1	
MEVE0162	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	0	1	
MEVE0163	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/03/77-09/03/77	0	1	
MEVE0166	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/03/77-09/03/77	0	1	
MEVE0012	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/01/89-07/01/89	0	1	
MEVE0035	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/01/89-07/01/89	0	1	
MEVE0045	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/01/89-07/01/89	0	1	
MEVE0132	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0021	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/07/78-11/05/81	3	8	
MEVE0021	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/01/88-06/22/93	5	23	T
MEVE0109	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	12/18/95-12/18/95	0	1	
MEVE0132	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0021	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/20/72-06/01/88	16	45	T,S

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0062	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-10/01/87	0	2	
MEVE0078	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/15/84	0	1	
MEVE0079	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-10/15/84	1	2	
MEVE0085	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/01/87	2	2	
MEVE0087	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	0	1	
MEVE0088	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-11/01/86	0	1	
MEVE0089	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	0	1	
MEVE0095	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-10/15/84	1	2	
MEVE0100	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	0	1	
MEVE0101	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	0	1	
MEVE0106	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/19/79-07/19/79	0	1	
MEVE0112	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-10/01/87	4	3	
MEVE0122	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-08/10/98	11	2	
MEVE0127	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/15/84	0	1	
MEVE0130	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	0	1	
MEVE0136	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-11/01/86	0	1	
MEVE0151	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-08/04/98	15	3	
MEVE0156	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/15/84	0	1	
MEVE0012	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/01/89-07/01/89	0	1	
MEVE0035	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/01/89-07/01/89	0	1	
MEVE0045	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/01/89-07/01/89	0	1	
MEVE0132	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0122	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/10/98-08/10/98	0	1	
MEVE0129	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	03/27/90-11/14/90	0	3	
MEVE0132	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	03/28/90-11/08/90	0	4	
MEVE0148	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	04/17/90-11/08/90	0	4	
MEVE0151	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/98-08/04/98	0	1	
MEVE0132	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0002	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/26/76-05/26/76	0	1	
MEVE0003	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/26/76-05/26/76	0	1	
MEVE0005	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0006	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0008	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0011	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/26/76-05/26/76	0	1	
MEVE0017	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/76-07/04/76	0	1	
MEVE0018	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/76-07/04/76	0	1	
MEVE0021	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/01/88-06/22/93	5	23	T
MEVE0022	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0023	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0025	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0028	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/76-07/04/76	0	1	
MEVE0029	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0032	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0040	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0041	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/76-07/06/76	0	1	
MEVE0046	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0047	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/76-05/24/76	0	1	
MEVE0050	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/76-05/24/76	0	1	
MEVE0053	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0054	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0056	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0062	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-07/22/98	11	10	
MEVE0063	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0064	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0069	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	0	1	
MEVE0070	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/76-05/24/76	0	1	
MEVE0071	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	0	1	
MEVE0072	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/21/90-09/21/90	0	1	
MEVE0073	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	0	1	
MEVE0074	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-08/15/95	10	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0079	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	0	1	
MEVE0093	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/94-07/06/94	0	1	
MEVE0094	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-09/15/88	0	2	
MEVE0101	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	0	1	
MEVE0102	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/77-09/15/77	0	1	
MEVE0104	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/94-09/15/94	0	1	
MEVE0109	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	12/18/95-12/18/95	0	1	
MEVE0111	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-12/18/95	7	2	
MEVE0112	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-11/01/86	0	1	
MEVE0115	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-07/21/98	15	12	
MEVE0117	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/03/77-09/03/77	0	1	
MEVE0124	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/05/91-09/05/91	0	1	
MEVE0126	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/77-09/02/77	0	1	
MEVE0127	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-09/05/91	6	2	
MEVE0128	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	0	1	
MEVE0129	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-09/15/88	0	1	
MEVE0132	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-07/21/98	9	2	
MEVE0140	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/77-09/15/77	0	1	
MEVE0142	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/21/90-09/21/90	0	1	
MEVE0144	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	0	1	
MEVE0148	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-10/15/84	0	1	
MEVE0161	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/77-09/15/77	0	1	
MEVE0162	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	0	1	
MEVE0163	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/03/77-09/03/77	0	1	
MEVE0166	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/03/77-09/03/77	0	1	
MEVE0012	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/01/89-07/01/89	0	1	
MEVE0035	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/01/89-07/01/89	0	1	
MEVE0045	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/01/89-07/01/89	0	1	
MEVE0052	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/15/89-07/25/89	0	2	
MEVE0132	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0021	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/17/71-06/01/88	16	85	T,S
MEVE0132	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0021	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	06/07/78-11/05/81	3	8	
MEVE0012	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/01/89-07/01/89	0	1	
MEVE0035	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/01/89-07/01/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0045	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/01/89-07/01/89	0	1	
MEVE0062	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-07/22/98	11	10	
MEVE0072	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	0	1	
MEVE0093	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-09/15/88	0	2	
MEVE0101	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	0	1	
MEVE0104	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/01/95-07/01/95	0	1	
MEVE0106	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/79-07/19/79	0	1	
MEVE0107	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-07/21/98	15	12	
MEVE0117	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-09/05/91	6	2	
MEVE0130	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/21/90-09/21/90	0	1	
MEVE0150	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-10/15/84	0	1	
MEVE0012	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0045	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0132	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0021	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/17/71-06/01/88	16	85	T,S
MEVE0021	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/17/71-06/01/88	16	88	T,S
MEVE0021	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/11/76-11/07/77	1	6	
MEVE0021	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/17/71-06/01/88	16	83	T,S
MEVE0021	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/17/71-06/01/88	16	84	T,S
MEVE0021	No	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/17/71-07/12/77	5	23	T
MEVE0132	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0062	No	01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-10/01/87	0	2	
MEVE0079	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	0	1	
MEVE0085	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	0	1	
MEVE0087	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	0	1	
MEVE0088	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	0	1	
MEVE0089	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	0	1	
MEVE0100	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	0	1	
MEVE0101	No	01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0112	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	0	1	
MEVE0114	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	0	1	
MEVE0122	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	0	1	
MEVE0130	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	0	1	
MEVE0137	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	0	1	
MEVE0156	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-10/01/87	0	2	
MEVE0013	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/21/94-07/05/94	0	2	
MEVE0030	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/94-06/15/94	0	1	
MEVE0034	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/21/94-07/05/94	0	2	
MEVE0037	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/94-06/15/94	0	1	
MEVE0038	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/21/94-07/05/94	0	2	
MEVE0043	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/22/94-07/05/94	0	2	
MEVE0057	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/94-06/15/94	0	1	
MEVE0059	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/20/75-10/20/75	0	1	
MEVE0060	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/22/94-07/06/94	0	2	
MEVE0062	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-07/22/98	11	10	
MEVE0067	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/22/94-07/06/94	0	2	
MEVE0072	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/21/90-09/21/90	0	1	
MEVE0074	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/89-10/15/89	0	1	
MEVE0077	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-08/15/95	10	3	
MEVE0079	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-07/29/98	15	8	
MEVE0083	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/98-07/30/98	0	1	
MEVE0085	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-07/29/98	10	8	
MEVE0088	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-07/30/98	11	2	
MEVE0089	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	0	1	
MEVE0093	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-09/15/88	0	2	
MEVE0101	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	0	1	
MEVE0104	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/98-07/30/98	0	1	
MEVE0105	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/94-09/15/94	0	1	
MEVE0111	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	0	1	
MEVE0112	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-07/21/98	15	12	
MEVE0117	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/06/94-07/06/94	0	1	
MEVE0121	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	0	1	
MEVE0122	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-09/05/91	6	2	
MEVE0129	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/27/90-11/14/90	0	3	
MEVE0130	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	0	1	
MEVE0131	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	0	1	
MEVE0132	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/28/90-11/08/90	0	4	
MEVE0134	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	0	1	
MEVE0136	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-11/01/86	0	1	
MEVE0138	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-07/21/98	9	2	
MEVE0142	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/89-10/15/89	0	2	
MEVE0143	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/21/90-09/21/90	0	1	
MEVE0146	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/22/94-07/06/94	0	2	
MEVE0148	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/17/90-11/08/90	0	4	
MEVE0150	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/21/90-09/21/90	0	1	
MEVE0151	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-08/04/98	15	9	
MEVE0153	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/89-09/15/94	4	2	
MEVE0154	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/20/90-09/20/90	0	1	
MEVE0156	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-10/15/84	0	1	
MEVE0159	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/23/94-07/06/94	0	2	
MEVE0164	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/23/94-07/07/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0168	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/23/94-07/06/94	0	2	
MEVE0012	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/01/89-07/01/89	0	1	
MEVE0021	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/17/71-11/05/81	10	24	T
MEVE0035	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/01/89-07/01/89	0	1	
MEVE0045	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/01/89-07/01/89	0	1	
MEVE0052	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/15/89-07/25/89	0	2	
MEVE0030	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/94-06/15/94	0	1	
MEVE0037	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/94-06/15/94	0	1	
MEVE0057	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/94-06/15/94	0	1	
MEVE0132	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0002	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/26/76-05/26/76	0	1	
MEVE0003	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/26/76-05/26/76	0	1	
MEVE0005	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0006	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0008	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0011	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/26/76-05/26/76	0	1	
MEVE0017	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/76-07/04/76	0	1	
MEVE0018	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/76-07/04/76	0	1	
MEVE0022	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0023	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0025	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0028	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/76-07/04/76	0	1	
MEVE0029	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0032	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0040	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0041	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/76-07/06/76	0	1	
MEVE0046	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0047	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/24/76-05/24/76	0	1	
MEVE0050	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/24/76-05/24/76	0	1	
MEVE0053	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0054	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0056	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0062	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-10/01/87	0	2	
MEVE0063	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0064	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0069	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	0	1	
MEVE0070	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/24/76-05/24/76	0	1	
MEVE0071	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/01/77-09/01/77	0	1	
MEVE0073	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/01/77-09/01/77	0	1	
MEVE0079	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	0	1	
MEVE0080	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/02/77-09/02/77	0	1	
MEVE0081	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-06/15/83	0	1	
MEVE0085	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	0	1	
MEVE0087	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	0	1	
MEVE0088	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-11/01/86	0	1	
MEVE0089	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	0	1	
MEVE0094	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/03/77-09/03/77	0	1	
MEVE0095	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-06/15/83	0	1	
MEVE0100	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	0	1	
MEVE0101	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	0	1	
MEVE0102	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/15/77-09/15/77	0	1	
MEVE0112	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-06/15/83	0	1	
MEVE0114	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-11/01/86	0	1	
MEVE0115	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/02/77-09/02/77	0	1	
MEVE0116	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-10/01/87	4	2	
MEVE0122	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-08/10/98	11	2	
MEVE0123	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/03/77-09/03/77	0	1	
MEVE0126	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/02/77-09/02/77	0	1	
MEVE0128	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/31/77-08/31/77	0	1	
MEVE0130	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	0	1	
MEVE0137	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-11/01/86	0	1	
MEVE0140	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/15/77-09/15/77	0	1	
MEVE0144	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/01/77-09/01/77	0	1	
MEVE0151	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-08/04/98	15	2	
MEVE0156	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-10/01/87	0	2	
MEVE0161	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/15/77-09/15/77	0	1	
MEVE0162	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/01/77-09/01/77	0	1	
MEVE0163	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/03/77-09/03/77	0	1	
MEVE0166	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/03/77-09/03/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0132	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0012	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0045	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/01/89-07/01/89	0	1	
MEVE0132	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0021	No	01503	ALPHA, DISSOLVED	04/19/72-12/15/76	4	10	
MEVE0021	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	04/19/72-12/15/76	4	10	
MEVE0021	No	03503	BETA, DISSOLVED	04/19/72-06/23/76	4	4	
MEVE0021	No	03504	BETA, DISSOLVED, COUNTING ERROR	04/19/72-06/23/76	4	4	
MEVE0147	No	04192	DEPTH OF SAMPLE, TOTAL, FROM MEAS. PT. METER	04/17/90-11/08/90	0	4	
MEVE0062	No	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-08/15/93	4	2	
MEVE0074	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0077	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0078	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0081	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0087	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0096	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0098	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0100	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0105	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	07/01/95-07/01/95	0	1	
MEVE0111	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0116	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-07/01/95	6	3	
MEVE0121	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0131	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0134	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0138	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0151	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-08/15/93	4	2	
MEVE0062	No	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-08/15/93	4	2	
MEVE0074	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0077	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0078	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0081	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0087	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0096	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0098	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	0	1	
MEVE0100	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0105	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	07/01/95-07/01/95	0	1	
MEVE0111	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0116	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-07/01/95	6	3	
MEVE0121	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0131	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0134	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0138	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	0	1	
MEVE0151	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-08/15/93	4	2	
MEVE0110	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/16/94-09/16/94	0	1	
MEVE0110	Yes	07001	TRITIUM,TOTAL,COUNTING ERROR (PICOCURIES/LITER)	09/16/94-09/16/94	0	1	
MEVE0021	No	09503	RADIUM 226, DISSOLVED	07/14/75-07/14/75	0	1	
MEVE0021	No	09504	RADIUM 226, DISSOLVED, COUNTING ERROR	07/14/75-07/14/75	0	1	
MEVE0002	No	22703	URANIUM, NATURAL, DISSOLVED	05/26/76-05/26/76	0	1	
MEVE0003	No	22703	URANIUM, NATURAL, DISSOLVED	05/26/76-05/26/76	0	1	
MEVE0005	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0006	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0008	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0011	No	22703	URANIUM, NATURAL, DISSOLVED	05/26/76-05/26/76	0	1	
MEVE0017	No	22703	URANIUM, NATURAL, DISSOLVED	07/04/76-07/04/76	0	1	
MEVE0018	No	22703	URANIUM, NATURAL, DISSOLVED	07/04/76-07/04/76	0	1	
MEVE0021	No	22703	URANIUM, NATURAL, DISSOLVED	05/10/79-05/02/83	3	6	
MEVE0022	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0023	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0024	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0025	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0028	No	22703	URANIUM, NATURAL, DISSOLVED	07/04/76-07/04/76	0	1	
MEVE0029	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0032	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0040	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0041	No	22703	URANIUM, NATURAL, DISSOLVED	07/06/76-07/06/76	0	1	
MEVE0046	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0047	No	22703	URANIUM, NATURAL, DISSOLVED	05/24/76-05/24/76	0	1	
MEVE0048	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0050	Yes	22703	URANIUM, NATURAL, DISSOLVED	05/24/76-05/24/76	0	1	
MEVE0053	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0054	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0056	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0063	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0064	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0069	No	22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	0	1	
MEVE0070	No	22703	URANIUM, NATURAL, DISSOLVED	05/24/76-05/24/76	0	1	
MEVE0071	No	22703	URANIUM, NATURAL, DISSOLVED	09/01/77-09/01/77	0	1	
MEVE0073	No	22703	URANIUM, NATURAL, DISSOLVED	09/01/77-09/01/77	0	1	
MEVE0080	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/02/77-09/02/77	0	1	
MEVE0094	No	22703	URANIUM, NATURAL, DISSOLVED	09/03/77-09/03/77	0	1	
MEVE0102	No	22703	URANIUM, NATURAL, DISSOLVED	09/15/77-09/15/77	0	1	
MEVE0115	No	22703	URANIUM, NATURAL, DISSOLVED	09/02/77-09/02/77	0	1	
MEVE0123	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/03/77-09/03/77	0	1	
MEVE0126	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/02/77-09/02/77	0	1	
MEVE0128	No	22703	URANIUM, NATURAL, DISSOLVED	08/31/77-08/31/77	0	1	
MEVE0140	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/15/77-09/15/77	0	1	
MEVE0144	No	22703	URANIUM, NATURAL, DISSOLVED	09/01/77-09/01/77	0	1	
MEVE0161	No	22703	URANIUM, NATURAL, DISSOLVED	09/15/77-09/15/77	0	1	
MEVE0162	No	22703	URANIUM, NATURAL, DISSOLVED	09/01/77-09/01/77	0	1	
MEVE0163	No	22703	URANIUM, NATURAL, DISSOLVED	09/03/77-09/03/77	0	1	
MEVE0166	No	22703	URANIUM, NATURAL, DISSOLVED	09/03/77-09/03/77	0	1	
MEVE0132	No	22707	URANIUM, NATURAL IN SEDIMENT (UG/G OF DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	22707	URANIUM, NATURAL IN SEDIMENT (UG/G OF DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0012	No	28011	URANIUM,NATURAL,TOTAL UG/L AS U	07/01/89-07/01/89	0	1	
MEVE0035	No	28011	URANIUM,NATURAL,TOTAL UG/L AS U	07/01/89-07/01/89	0	1	
MEVE0045	No	28011	URANIUM,NATURAL,TOTAL UG/L AS U	07/01/89-07/01/89	0	1	
MEVE0129	No	28011	URANIUM,NATURAL,TOTAL UG/L AS U	03/27/90-11/14/90	0	3	
MEVE0132	No	28011	URANIUM,NATURAL,TOTAL UG/L AS U	03/28/90-11/08/90	0	4	
MEVE0148	No	28011	URANIUM,NATURAL,TOTAL UG/L AS U	04/17/90-11/08/90	0	4	
MEVE0021	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/17/71-06/07/78	6	33	T
MEVE0026	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/26/95-07/26/95	0	1	
MEVE0027	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/26/95-07/26/95	0	1	
MEVE0062	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-07/22/98	6	7	
MEVE0065	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/26/95-07/26/95	0	1	
MEVE0076	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/15/95-08/15/95	0	1	
MEVE0078	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/12/98-08/12/98	0	1	
MEVE0081	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/23/93-07/29/98	4	5	
MEVE0082	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-09/11/91	0	1	
MEVE0083	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/30/98-07/30/98	0	1	
MEVE0084	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/15/95-08/15/95	0	1	
MEVE0085	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/15/95-08/15/95	0	1	
MEVE0086	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-07/30/98	6	2	
MEVE0087	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-07/29/98	6	6	
MEVE0088	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/18/96-07/30/98	2	2	
MEVE0090	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/06/94-09/06/94	0	1	
MEVE0092	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/18/96-07/18/96	0	1	
MEVE0096	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/06/94-07/06/94	0	1	
MEVE0100	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/24/94-08/24/94	0	1	
MEVE0105	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/07/92-06/28/95	2	2	
MEVE0111	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/12/96-08/12/96	0	1	
MEVE0112	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/92-08/06/92	0	1	
MEVE0114	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/23/97-07/23/97	0	1	
MEVE0116	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/28/95-07/21/98	3	4	
MEVE0117	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/06/94-07/06/94	0	1	
MEVE0118	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/23/97-07/23/97	0	1	
MEVE0119	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/24/94-08/12/96	1	2	
MEVE0122	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/14/92-08/10/98	5	4	
MEVE0124	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/92-08/06/92	0	1	
MEVE0125	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/15/91-09/15/91	0	1	
MEVE0138	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/21/98-07/21/98	0	1	
MEVE0149	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/24/94-08/29/95	1	3	
MEVE0151	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/12/95-08/04/98	3	3	
MEVE0153	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/12/95-08/12/96	1	2	
MEVE0062	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-07/22/98	6	7	
MEVE0076	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/15/95-08/15/95	0	1	
MEVE0078	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/12/98-08/12/98	0	1	
MEVE0081	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/23/93-07/29/98	4	5	
MEVE0082	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-09/11/91	0	1	
MEVE0083	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/30/98-07/30/98	0	1	
MEVE0084	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/15/95-08/15/95	0	1	
MEVE0085	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/15/95-08/15/95	0	1	
MEVE0086	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-07/30/98	6	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0087	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-07/29/98	6	6	
MEVE0088	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/96-07/30/98	2	2	
MEVE0090	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/06/94-09/06/94	0	1	
MEVE0092	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/96-07/18/96	0	1	
MEVE0093	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/06/94-07/06/94	0	1	
MEVE0096	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/06/94-07/06/94	0	1	
MEVE0100	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/24/94	0	1	
MEVE0105	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/07/92-08/07/92	0	1	
MEVE0111	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/12/96-08/12/96	0	1	
MEVE0112	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/06/92-08/06/92	0	1	
MEVE0114	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/23/97-07/23/97	0	1	
MEVE0116	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/16/96-07/21/98	2	3	
MEVE0117	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/06/94-07/06/94	0	1	
MEVE0118	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/23/97-07/23/97	0	1	
MEVE0119	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/12/96	1	2	
MEVE0122	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/14/92-08/10/98	5	4	
MEVE0124	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/06/92-08/06/92	0	1	
MEVE0125	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/15/91-09/15/91	0	1	
MEVE0138	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/21/98-07/21/98	0	1	
MEVE0149	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/29/95	1	3	
MEVE0151	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/04/98	3	4	
MEVE0153	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/12/95-08/12/96	1	2	
MEVE0021	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	21	103	T,S
MEVE0021	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/17/71-07/12/77	5	25	T
MEVE0132	No	39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0132	No	39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0132	No	39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	07/18/90-07/18/90	0	1	
MEVE0148	No	39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	07/18/90-07/18/90	0	1	
MEVE0132	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0132	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0001	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/11/92-08/11/92	0	1	
MEVE0132	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/08/90-11/08/90	0	2	
MEVE0148	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/08/90-11/08/90	0	1	
MEVE0132	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/08/90-11/08/90	0	2	
MEVE0148	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/08/90-11/08/90	0	1	
MEVE0132	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0132	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0132	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0132	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/08/90-11/08/90	0	2	
MEVE0148	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/08/90-11/08/90	0	1	
MEVE0132	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0001	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	0	1	
MEVE0132	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0132	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0001	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	0	1	
MEVE0132	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/08/90-11/08/90	0	2	
MEVE0148	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/08/90-11/08/90	0	1	
MEVE0132	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0132	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/08/90-11/08/90	0	2	
MEVE0148	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/08/90-11/08/90	0	1	
MEVE0001	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	0	1	
MEVE0132	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/08/90-11/08/90	0	2	
MEVE0148	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/08/90-11/08/90	0	1	
MEVE0132	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0132	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0132	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0132	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0132	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0052	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	05/15/89-07/25/89	0	2	
MEVE0132	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0001	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	0	1	
MEVE0052	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/15/89-07/25/89	0	2	
MEVE0132	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0052	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/15/89-07/25/89	0	2	
MEVE0132	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0132	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/08/90-11/08/90	0	2	
MEVE0148	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/08/90-11/08/90	0	1	
MEVE0001	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	0	1	
MEVE0052	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	05/15/89-07/25/89	0	2	
MEVE0132	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0132	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0132	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0148	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	0	1	
MEVE0021	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/71-06/22/93	21	114	S
MEVE0052	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/15/89-07/25/89	0	2	
MEVE0062	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-07/22/98	8	6	
MEVE0074	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/93-08/15/93	0	2	
MEVE0075	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-10/15/89	0	1	
MEVE0078	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/95-08/15/95	0	1	
MEVE0081	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-07/29/98	6	5	
MEVE0083	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/98-07/30/98	0	1	
MEVE0085	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/95-08/15/95	0	1	
MEVE0087	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-07/29/98	8	6	
MEVE0088	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/98-07/30/98	0	1	
MEVE0093	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/06/94-07/06/94	0	1	
MEVE0096	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/93-08/15/93	0	1	
MEVE0098	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/93-08/15/93	0	1	
MEVE0104	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/98-07/30/98	0	1	
MEVE0105	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/01/95-07/01/95	0	1	
MEVE0107	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/94-09/15/94	0	1	
MEVE0108	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/94-09/15/94	0	1	
MEVE0109	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/18/95-12/18/95	0	1	
MEVE0111	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/18/95-12/18/95	0	1	
MEVE0116	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-07/21/98	8	7	
MEVE0117	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/06/94-07/06/94	0	1	
MEVE0122	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/10/98-08/10/98	0	1	
MEVE0124	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-10/15/89	0	1	
MEVE0125	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	0	1	
MEVE0127	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	0	1	
MEVE0129	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/90-11/14/90	0	3	
MEVE0132	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/28/90-11/08/90	0	4	
MEVE0138	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/98-07/21/98	0	1	
MEVE0142	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-10/15/89	0	2	
MEVE0148	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/17/90-11/08/90	0	4	
MEVE0151	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-08/04/98	8	6	
MEVE0153	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-09/15/94	4	2	
MEVE0009	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	0	1	
MEVE0019	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	0	1	
MEVE0020	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	0	1	
MEVE0044	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	0	1	
MEVE0049	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-10/21/75	0	1	
MEVE0051	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-10/21/75	0	1	
MEVE0059	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	0	1	
MEVE0068	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	0	1	
MEVE0097	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-10/21/75	0	1	
MEVE0099	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-10/21/75	0	1	
MEVE0103	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/13/76-06/05/79	2	27	
MEVE0106	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/09/79-11/15/82	3	39	
MEVE0009	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	0	1	
MEVE0014	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/21/94-07/05/94	0	2	
MEVE0015	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/27/90-11/14/90	0	3	
MEVE0019	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	0	1	
MEVE0020	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0033	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/05/94	0	2	
MEVE0039	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/21/94-07/05/94	0	2	
MEVE0042	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/05/94	0	2	
MEVE0044	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	0	1	
MEVE0049	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	0	1	
MEVE0051	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	0	1	
MEVE0059	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	0	1	
MEVE0061	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/06/94	0	2	
MEVE0066	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/06/94	0	2	
MEVE0068	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	0	1	
MEVE0097	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	0	1	
MEVE0103	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/13/76-06/05/79	2	29	
MEVE0106	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/09/79-11/15/82	3	39	
MEVE0133	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/28/90-11/08/90	0	3	
MEVE0145	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/06/94	0	2	
MEVE0160	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/23/94-07/06/94	0	2	
MEVE0165	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/23/94-07/07/94	0	2	
MEVE0169	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/23/94-07/06/94	0	2	
MEVE0009	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	0	1	
MEVE0019	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	0	1	
MEVE0020	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	0	1	
MEVE0044	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	0	1	
MEVE0049	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-10/21/75	0	1	
MEVE0051	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-10/21/75	0	1	
MEVE0059	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	0	1	
MEVE0068	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	0	1	
MEVE0097	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-10/21/75	0	1	
MEVE0099	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-10/21/75	0	1	
MEVE0103	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/76-06/05/79	2	29	
MEVE0106	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/09/79-11/15/82	3	39	
MEVE0052	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/89-07/25/89	0	2	
MEVE0062	No	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0077	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0078	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0100	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0106	No	71830	HYDROXIDE ION (MG/L AS OH)	07/19/79-07/19/79	0	1	
MEVE0111	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0116	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0121	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0131	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0134	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0138	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0151	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	0	1	
MEVE0062	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-08/15/95	8	7	
MEVE0074	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/93-08/15/93	0	1	
MEVE0075	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/89-10/15/89	0	1	
MEVE0078	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-08/15/95	10	2	
MEVE0079	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	0	1	
MEVE0081	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-08/15/95	12	6	
MEVE0085	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-08/15/95	10	3	
MEVE0087	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-08/15/95	7	6	
MEVE0088	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-11/01/86	0	1	
MEVE0089	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-11/01/86	0	1	
MEVE0091	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	0	1	
MEVE0093	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-07/06/94	0	1	
MEVE0095	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-10/15/84	1	2	
MEVE0096	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/93-08/15/93	0	1	
MEVE0098	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/93-08/15/93	0	1	
MEVE0100	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	0	1	
MEVE0101	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	0	1	
MEVE0105	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/95-07/01/95	0	1	
MEVE0107	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/94-09/15/94	0	1	
MEVE0108	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/94-09/15/94	0	1	
MEVE0112	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	0	1	
MEVE0113	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-10/15/84	1	2	
MEVE0114	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-11/01/86	0	1	
MEVE0116	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-08/01/95	12	9	
MEVE0117	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-07/06/94	0	1	
MEVE0122	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-08/10/98	11	2	
MEVE0124	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/89-10/15/89	0	1	
MEVE0125	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/91-09/05/91	0	1	
MEVE0127	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-09/05/91	6	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0130	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	0	1	
MEVE0136	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-10/15/84	0	1	
MEVE0137	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-11/01/86	0	1	
MEVE0142	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/89-10/15/89	0	2	
MEVE0151	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-08/04/98	15	8	
MEVE0153	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/89-09/15/94	4	2	
MEVE0156	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-10/01/87	0	2	
MEVE0157	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-10/15/84	0	1	
MEVE0106	No	71870	BROMIDE (MG/L AS BR)	07/19/79-07/19/79	0	1	
MEVE0021	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/28/92-06/22/93	1	6	
MEVE0059	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/20/75-10/20/75	0	1	
MEVE0129	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/27/90-11/14/90	0	3	
MEVE0132	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/28/90-11/08/90	0	4	
MEVE0148	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	04/17/90-11/08/90	0	4	
MEVE0021	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/02/79-05/02/83	3	9	
MEVE0052	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/15/89-07/25/89	0	2	
MEVE0030	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/15/94-06/15/94	0	1	
MEVE0037	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/15/94-06/15/94	0	1	
MEVE0057	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/15/94-06/15/94	0	1	
MEVE0132	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/08/90-11/08/90	0	2	
MEVE0148	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/08/90-11/08/90	0	1	
MEVE0129	No	75993	URANIUM,NATURAL,1 SIGMA PRC EST,TOTAL,WATER UG/L	03/27/90-11/14/90	0	3	
MEVE0132	No	75993	URANIUM,NATURAL,1 SIGMA PRC EST,TOTAL,WATER UG/L	03/28/90-11/08/90	0	3	
MEVE0148	No	75993	URANIUM,NATURAL,1 SIGMA PRC EST,TOTAL,WATER UG/L	04/17/90-11/08/90	0	4	
MEVE0016	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/05/78-09/18/79	1	12	
MEVE0132	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	11/08/90-11/08/90	0	2	
MEVE0148	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	11/08/90-11/08/90	0	1	
MEVE0052	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	05/15/89-07/25/89	0	2	
MEVE0132	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	07/18/90-07/18/90	0	1	
MEVE0148	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	07/18/90-07/18/90	0	1	
MEVE0106	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/27/81-07/27/81	0	7	
MEVE0132	No	82170	GOLD IN SEDIMENT MG/KG	11/08/90-11/08/90	0	2	
MEVE0148	No	82170	GOLD IN SEDIMENT MG/KG	11/08/90-11/08/90	0	1	
MEVE0052	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	05/15/89-07/25/89	0	2	
MEVE0132	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	07/18/90-07/18/90	0	1	
MEVE0148	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	07/18/90-07/18/90	0	1	
MEVE0132	No	82311	YTTERBIUMIN BOTTOM MATERIAL DRY WT. AS YB UG/KG	11/08/90-11/08/90	0	2	
MEVE0148	No	82311	YTTERBIUMIN BOTTOM MATERIAL DRY WT. AS YB UG/KG	11/08/90-11/08/90	0	1	
MEVE0132	No	82313	THORIUM IN BOTTOM MATERIAL DRY WEIGHT AS TH UG/KG	11/08/90-11/08/90	0	2	
MEVE0148	No	82313	THORIUM IN BOTTOM MATERIAL DRY WEIGHT AS TH UG/KG	11/08/90-11/08/90	0	1	
MEVE0132	No	82317	SCANDIUM, IN BOTTOM MATERIAL DRY WT AS SC UG/KG	11/08/90-11/08/90	0	2	
MEVE0148	No	82317	SCANDIUM, IN BOTTOM MATERIAL DRY WT AS SC UG/KG	11/08/90-11/08/90	0	1	
MEVE0132	No	82321	TANTALUM IN BOTTOM MATERIAL DRY WT. AS TA UG/KG	11/08/90-11/08/90	0	2	
MEVE0148	No	82321	TANTALUM IN BOTTOM MATERIAL DRY WT. AS TA UG/KG	11/08/90-11/08/90	0	1	
MEVE0013	No	82398	SAMPLING METHOD (CODES)	03/21/94-07/05/94	0	2	
MEVE0030	No	82398	SAMPLING METHOD (CODES)	06/15/94-06/15/94	0	1	
MEVE0034	No	82398	SAMPLING METHOD (CODES)	03/21/94-07/05/94	0	2	
MEVE0037	No	82398	SAMPLING METHOD (CODES)	06/15/94-06/15/94	0	1	
MEVE0038	No	82398	SAMPLING METHOD (CODES)	03/21/94-07/05/94	0	2	
MEVE0043	No	82398	SAMPLING METHOD (CODES)	03/22/94-07/05/94	0	2	
MEVE0052	No	82398	SAMPLING METHOD (CODES)	05/15/89-07/25/89	0	2	
MEVE0057	No	82398	SAMPLING METHOD (CODES)	06/15/94-06/15/94	0	1	
MEVE0060	No	82398	SAMPLING METHOD (CODES)	03/22/94-07/06/94	0	2	
MEVE0067	No	82398	SAMPLING METHOD (CODES)	03/22/94-07/06/94	0	2	
MEVE0129	No	82398	SAMPLING METHOD (CODES)	03/27/90-11/14/90	0	3	
MEVE0132	No	82398	SAMPLING METHOD (CODES)	03/28/90-11/08/90	0	4	
MEVE0146	No	82398	SAMPLING METHOD (CODES)	03/22/94-07/06/94	0	2	
MEVE0148	No	82398	SAMPLING METHOD (CODES)	04/17/90-11/08/90	0	5	
MEVE0159	No	82398	SAMPLING METHOD (CODES)	03/23/94-07/06/94	0	2	
MEVE0164	No	82398	SAMPLING METHOD (CODES)	03/23/94-07/07/94	0	2	
MEVE0168	No	82398	SAMPLING METHOD (CODES)	03/23/94-07/06/94	0	2	
MEVE0009	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0013	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/05/94-07/05/94	0	1	
MEVE0020	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0034	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/05/94-07/05/94	0	1	
MEVE0044	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0049	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/21/75-10/21/75	0	1	
MEVE0051	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/21/75-10/21/75	0	1	
MEVE0052	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/15/89-07/25/89	0	2	
MEVE0059	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0068	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0132	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/28/90-07/18/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 08/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
MEVE0148	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/08/90-11/08/90	0	1	
MEVE0159	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/06/94-07/06/94	0	1	
MEVE0168	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/23/94-03/23/94	0	1	
MEVE0009	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0013	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/05/94-07/05/94	0	1	
MEVE0020	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0034	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/05/94-07/05/94	0	1	
MEVE0044	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0049	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/21/75-10/21/75	0	1	
MEVE0051	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/21/75-10/21/75	0	1	
MEVE0052	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/15/89-07/25/89	0	2	
MEVE0059	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0068	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/20/75-10/20/75	0	1	
MEVE0132	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/28/90-07/18/90	0	2	
MEVE0148	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/08/90-11/08/90	0	1	
MEVE0159	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/06/94-07/06/94	0	1	
MEVE0168	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/23/94-03/23/94	0	1	

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

Station-By-Station Results

Station Inventory for Station: MEVE0001

NPS Station ID: MEVE0001 LAT/LON: 37.453337/-108.216115 Agency: 11NPSWRD Date Created: 06/12/99
Location: W FORK MANCOS RIVER UPSTREAM OF JACKSON GULCH FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NPS_JGULCH
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE RAMPART HILLS CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE TREATMENT PLANT AT THE WEST FORK OF THE MANCOS RIVER UPSTREAM OF JACKSON GULCH. THIS STATION IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARIES. DATA ARE FROM A 1992 CORE LABORATORIES ANALYTICAL REPORT; JOB NUMBER 921513. DATA WERE COLLECTED BY THE PARK IN ORDER TO TEST FOR PESTICIDES AND HERBICIDES FLOWING INTO JACKSON GULCH AND JACKSON GULCH RESERVOIR. FOR MORE INFORMATION ON MESA VERDE NATIONAL PARK CONTACT THE CHIEF OF RESOURCES AT P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-000 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/11/92-08/11/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/11/92-08/11/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0001

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: MEVE0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0002

NPS Station ID: MEVE0002 LAT/LON: 37.371892/-108.231892 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24115 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_085 /1084962
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE THOMPSON PARK COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-05/26/76	1	18.8	18.8	18.8	18.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-05/26/76	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/76-05/26/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/76-05/26/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/76-05/26/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/76-05/26/76	1	22.1	22.1	22.1	22.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/76-05/26/76	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/26/76-05/26/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/26/76-05/26/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/26/76-05/26/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/26/76-05/26/76	1	189.	189.	189.	189.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/26/76-05/26/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/76-05/26/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/26/76-05/26/76	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/26/76-05/26/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/26/76-05/26/76	1	67.	67.	67.	67.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/26/76-05/26/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/26/76-05/26/76	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0003

NPS Station ID: MEVE0003 | LAT/LON: 37.370615/-108.231698 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24116 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MEVE_NURE_084 /1084963
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE THOMPSON PARK COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-05/26/76	1	15.3	15.3	15.3	15.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-05/26/76	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/76-05/26/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/76-05/26/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/76-05/26/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/76-05/26/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/76-05/26/76	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/26/76-05/26/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/26/76-05/26/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/26/76-05/26/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/26/76-05/26/76	1	82.	82.	82.	82.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/26/76-05/26/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/76-05/26/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/26/76-05/26/76	1	82.	82.	82.	82.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/26/76-05/26/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/26/76-05/26/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/26/76-05/26/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/26/76-05/26/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0004

NPS Station ID: MEVE0004 LAT/LON: 37.371545/-108.232765 Agency: 21COLSS0 Date Created: 03/21/81
Location: MIDDLE FORK MANCOS RIVER AT FOREST RD 566 CROSS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MANCOS03
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080107016802.12 RF3 Mile Point: 4.03 Distance from RF3: 0.35 On/Off RF3:
Description:
MIDDLE FK MANCOS AS IT CROSSES RD 566 ABOUT 105 MILES BELOW NATIONAL FOREST BOUNDARY
MONTEZUMA CO T36N R13W SECTION 13
SAMPLED FOR STREAM CLASSIFICATIONS FISH AND BENTHIC DATA STATION LAT/LON COORDINATES EDITED BY NPS FOR BASELINE WQ REPORT.

Parameter Inventory for Station: MEVE0004

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0005

NPS Station ID: MEVE0005 | LAT/LON: 37.285615/-108.248892 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24102 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MEVE_NURE_078 /1084951
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE THOMPSON PARK COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	700.	700.	700.	700.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	37.1	37.1	37.1	37.1	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0006

NPS Station ID: MEVE0006 | LAT/LON: 37.359198/-108.249698 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24107 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MEVE_NURE_083 /1084956
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE THOMPSON PARK COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	18.7	18.7	18.7	18.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	95.	95.	95.	95.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	66.	66.	66.	66.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0007

NPS Station ID: MEVE0007 LAT/LON: 37.357806/-108.254237 Agency: 21COLSS0 Date Created: 03/21/81
Location: WEST FORK MANCOS RIVER ABOVE CONFL WITH MANCOS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MANCOS02
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080107016802.12 RF3 Mile Point: 4.03 Distance from RF3: 0.35 On/Off RF3:
Description:
WEST FK ABOVE CONFL WITH MIDDLE FORK OFF OF MANCOS HWY MONTEZUMA CO
R36N T13W SECTION 24 SAMPLED FOR STREAM CLASSIFICATIONS FISH AND BENTHIC DATA
STATION LAT/LON COORDINATES EDITED BY NPS FOR BASELINE WQ REPORT.

Parameter Inventory for Station: MEVE0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0008

NPS Station ID: MEVE0008 LAT/LON: 37.358892/-108.254198 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24106 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_081 /1084955
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	21.6	21.6	21.6	21.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	118.	118.	118.	118.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0009

NPS Station ID: MEVE0009 LAT/LON: 37.356670/-108.255003 Agency: 112WRD Date Created: 02/20/76
Location: MANCOS RIVER ABOVE MANCOS BL ETW MANOOS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 372124108151800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.80 On/Off RF1:
RF3 Index: 14080107001902.32 RF3 Mile Point: 3.34 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0009

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	1		9.	9.	9.	9.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	1		4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	1		260.	260.	260.	260.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	1		10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/75-10/20/75	1		7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/75-10/20/75	1		7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/75-10/20/75	1		0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	1		3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1		89.	89.	89.	89.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	1		109.	109.	109.	109.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	1		0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	1	##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	1		0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	1	##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1		130.	130.	130.	130.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	1		36.	36.	36.	36.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	1		39.	39.	39.	39.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	1		6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	1		5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	1		0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/20/75-10/20/75	1		8.	8.	8.	8.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	1		1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	1		2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	1		50.	50.	50.	50.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	1		0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	1		6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	1		70.	70.	70.	70.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	1		20.	20.	20.	20.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	1		165.	165.	165.	165.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	1		1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	1		0.22	0.22	0.22	0.22	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0010

NPS Station ID: MEVE0010 LAT/LON: 37.356494/-108.255098 Agency: 21COLSS0 Date Created: 03/21/81
Location: MANCOS R BELOW CONFL W/ MIDDLE WEST EAST FORKS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MANCOS01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080202000704.20 RF3 Mile Point: 4.20 Distance from RF3: 0.03 On/Off RF3:
Description:
MANCOS RIVER JUST BELOW CONFLUENCE WITH MIDDLE WEST EAST FORKS MONTEZUMA CO
R36N T13W SECTION 24 SAMPLED FOR STREAM CLASSIFICATIONS FISH AND BENTHIC DATA
STATION LAT/LON COORDINATES EDITED BY NPS FOR BASELINE WQ REPORT.

Parameter Inventory for Station: MEVE0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0011

NPS Station ID: MEVE0011 LAT/LON: 37.386392/-108.258309 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24117 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_089 /1084964
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MILLWOOD COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-05/26/76	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-05/26/76	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/76-05/26/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/76-05/26/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/76-05/26/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/76-05/26/76	1	20.9	20.9	20.9	20.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/76-05/26/76	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/26/76-05/26/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/26/76-05/26/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/26/76-05/26/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/26/76-05/26/76	1	108.	108.	108.	108.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/26/76-05/26/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/76-05/26/76	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/26/76-05/26/76	1	72.	72.	72.	72.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/26/76-05/26/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/26/76-05/26/76	1	187.	187.	187.	187.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/26/76-05/26/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/26/76-05/26/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0012

NPS Station ID: MEVE0012 LAT/LON: 37.369448/-108.260866 Agency: 11NPSWRD Date Created: 09/12/98
Location: WEST MANCOS RIVER ABOVE MANCOS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_PR1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WEST MANCOS RIVER ABOVE MANCOS. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 94-4041. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/89-07/01/89	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/01/89-07/01/89	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/01/89-07/01/89	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	07/01/89-07/01/89	1	115.	115.	115.	115.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/01/89-07/01/89	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/01/89-07/01/89	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	07/01/89-07/01/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/01/89-07/01/89	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/01/89-07/01/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/01/89-07/01/89	1 ##	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/01/89-07/01/89	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/01/89-07/01/89	1	315.	315.	315.	315.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/01/89-07/01/89	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/01/89-07/01/89	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/01/89-07/01/89	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/01/89-07/01/89	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/01/89-07/01/89	1	198.	198.	198.	198.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/01/89-07/01/89	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/01/89-07/01/89	1	447.	447.	447.	447.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/01/89-07/01/89	1	9590.	9590.	9590.	9590.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/01/89-07/01/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/01/89-07/01/89	1	12200.	12200.	12200.	12200.	0.	0.	**	**	**	**
28011	URANIUM,NATURAL,TOTAL UG/L AS U	07/01/89-07/01/89	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
28011	URANIUM, NATURAL, TOTAL	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0013

NPS Station ID: MEVE0013 LAT/LON: 37.353615/-108.261116 Agency: 112WRD Date Created: 07/09/94
Location: MANCOS RIVER BELOW EAST AND WEST FORKS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 372113108154001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/21/94-07/05/94	2	21.5	21.5	25.	18.	24.5	4.95	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/94-07/05/94	2	12.5	12.5	17.	8.	40.5	6.364	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/21/94-07/05/94	2	592.	592.	593.	591.	2.	1.414	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/94-07/05/94	2	21.5	21.5	35.	8.	364.5	19.092	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/94-07/05/94	2	326.	326.	433.	219.	22898.	151.321	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/21/94-07/05/94	2	8.25	8.25	9.	7.5	1.125	1.061	**	**	**	**
00400	PH (STANDARD UNITS)	03/21/94-07/05/94	2	8.27	8.27	8.81	7.73	0.583	0.764	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/21/94-07/05/94	2	7.996	7.996	8.81	7.73	0.733	0.856	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/94-07/05/94	2	0.01	0.01	0.019	0.002	0.	0.012	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/21/94-07/05/94	2	7.8	7.8	7.9	7.7	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/21/94-07/05/94	2	7.789	7.789	7.9	7.7	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/94-07/05/94	2	0.016	0.016	0.02	0.013	0.	0.005	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/21/94-07/05/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/94-07/05/94	2	42.	42.	53.	31.	242.	15.556	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/94-07/05/94	2	9.4	9.4	14.	4.8	42.32	6.505	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/94-07/05/94	2	7.9	7.9	12.	3.8	33.62	5.798	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/21/94-07/05/94	2	1.9	1.9	2.4	1.4	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/94-07/05/94	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/94-07/05/94	2	70.	70.	110.	30.	3200.	56.569	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/21/94-07/05/94	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/21/94-07/05/94	2	8.6	8.6	8.9	8.3	0.18	0.424	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/21/94-07/05/94	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0014

NPS Station ID: MEVE0014 LAT/LON: 37.353615/-108.261116 Agency: 11NPSWRD Date Created: 09/12/98
Location: MANCOS RIVER DOWNSTREAM FROM EAST/WEST FORKS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_MN1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MANCOS RIVER DOWNSTREAM FROM THE CONFLUENCE OF ITS EAST AND WEST FORKS. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 372113108154001. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/21/94-07/05/94	2	99.	99.	100.	98.	2.	1.414	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/94-07/05/94	2	90.	90.	105.	75.	450.	21.213	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/94-07/05/94	2	143.5	143.5	190.	97.	4324.5	65.761	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/21/94-07/05/94	2	13.92	13.92	25.2	2.64	254.477	15.952	**	**	**	**

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

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

Station Inventory for Station: MEVE0015

NPS Station ID: MEVE0015 LAT/LON: 37.353615/-108.261116 Agency: 11NPSWRD Date Created: 09/12/98
Location: MCELMO CREEK AT HIGHWAY 160 NEAR CORTEZ FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_ME1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT MCELMO CREEK AT HIGHWAY 160 NEAR CORTEZ. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 94-4041. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 372052108300601. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: MEVE0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/90-11/14/90	3	270.	210.333	276.	85.	11790.333	108.583	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/90-11/14/90	3	2600.	2056.667	3000.	570.	1697633.333	1302.933	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/27/90-11/14/90	3	5.	4.333	6.	2.	4.333	2.082	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/27/90-11/14/90	2	5.05	5.05	8.62	1.48	25.49	5.049	**	**	**	**

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

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

Station Inventory for Station: MEVE0016

NPS Station ID: MEVE0016 LAT/LON: 37.353615/-108.261392 Agency: 113FORS2 Date Created: 09/26/81
Location: MANCOS RIVER NEAR MANCOS, COLORADO FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): FS0213410200037
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080107016802.12 RF3 Mile Point: 4.03 Distance from RF3: 0.35 On/Off RF3:
Description:
STA. EST 05/05/78, LOCATED 0.8 MILE UPSTREAM FROM HIGHWAY 160 CROSSING, 1.4 MILE UPSTREAM FROM MANCOS, COLORADO. T36N R13W SEC 27 NE.25. MONTEZUMA COUNTY, ELEV 7180 FT. PURPOSE TO OBTAIN BASELINE DATA AND MON- ITOR UPSTREAM MANAGEMENT PRACTICES. DISCHARGE FROM USGS SERVO MANOMETER WITH STEVENS A-35 RECORDER. SAMPLES COLLECTED WITH DH-48 OR DH-59 SAMPLER. SUSP. SEDIMENT IS NONFILTERABLE RESIDUE USING MILLIPORE AP40 MICROFILTER GLASS FILTERS, WEIGHED WITH METLER BAL. TURBIDITY USING HACH 2100A TURBIDIMETER. SC USING MYRON L METER. ALKALINITY, HARDNESS, D.O., PH, USING HACH,AL-36B TEST KIT IN FIELD. FECAL COLIFORM WITH MILLIPORE FIELD KIT, INCUBATED DRY AT44.5C 24HRS. DATA MAINTAINED BY HYDROLOGIST AT SUPERVISOR'S OFFICE, DURANGO, COLORADO, 303-247-4874.

Parameter Inventory for Station: MEVE0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/78-09/18/79	12	11.75	10.833	17.	4.	19.015	4.361	4.3	6.625	14.	16.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/05/78-09/18/79	12	21.5	20.167	29.	3.	52.152	7.222	6.	16.5	25.5	28.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/78-09/18/79	12	34.	87.167	476.	2.	19554.152	139.836	2.6	6.	127.75	399.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/24/78-09/18/79	11	6.	10.645	50.	1.5	205.533	14.336	1.62	2.5	10.	44.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/05/78-09/18/79	12	165.	166.5	310.	17.	5258.636	72.516	48.8	128.75	189.5	295.
00300	OXYGEN, DISSOLVED MG/L	05/24/78-09/18/79	11	9.	8.909	10.	7.	0.891	0.944	7.2	8.	10.	10.
00400	PH (STANDARD UNITS)	05/24/78-09/18/79	11	8.5	8.445	9.3	7.5	0.339	0.582	7.56	8.	9.	9.24
00400	CONVERTED PH (STANDARD UNITS)	05/24/78-09/18/79	11	8.5	8.126	9.3	7.5	0.451	0.672	7.56	8.	9.	9.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/78-09/18/79	11	0.003	0.007	0.032	0.001	0.	0.009	0.001	0.001	0.01	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/78-09/18/79	11	86.	84.818	120.	68.	278.964	16.702	68.	68.	94.	116.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/18/79	11	86.	99.	171.	68.	779.4	27.918	69.8	86.	103.	160.8
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/05/78-09/18/79	12	13.	46.583	278.	6.	5862.083	76.564	6.3	9.	52.	218.6

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

EPA Water Quality Criteria Analysis for Station: MEVE0016

				Total	Exceed	Prop.	----------7/15-10/31----------			----------11/01-2/29----------			----------3/01-5/09----------			----------5/10-7/14----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	1	0.09	5	0	0.00							6	1	0.17
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00							6	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0016

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400 PH	Fresh Chronic	9.	11	4	0.36	5	2	0.40							6	2	0.33
	Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00							6	0	0.00

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

Station Inventory for Station: MEVE0017

NPS Station ID: MEVE0017 LAT/LON: 37.427198/-108.266892 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24234 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_093 /1085061
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MILLWOOD COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/76-07/04/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/04/76-07/04/76	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/04/76-07/04/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/04/76-07/04/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/76-07/04/76	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/76-07/04/76	1	16.2	16.2	16.2	16.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/76-07/04/76	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/76-07/04/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/76-07/04/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/76-07/04/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/76-07/04/76	1	338.	338.	338.	338.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/76-07/04/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/76-07/04/76	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/76-07/04/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/76-07/04/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/76-07/04/76	1	58.	58.	58.	58.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/76-07/04/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/04/76-07/04/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0018

NPS Station ID: MEVE0018 LAT/LON: 37.427809/-108.267810 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24235 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_092 /1085062
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MILLWOOD COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/76-07/04/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/04/76-07/04/76	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/04/76-07/04/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/04/76-07/04/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/76-07/04/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/76-07/04/76	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/76-07/04/76	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/76-07/04/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/76-07/04/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/76-07/04/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/76-07/04/76	1	213.	213.	213.	213.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/76-07/04/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/76-07/04/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/76-07/04/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/76-07/04/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/76-07/04/76	1	105.	105.	105.	105.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/76-07/04/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/04/76-07/04/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0019

NPS Station ID: MEVE0019 LAT/LON: 37.396948/-108.272504 Agency: 112WRD Date Created: 02/20/76
Location: IRRIGATION DITCH OUTFLOW FROM JACKSON GULCH RESV FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 372349108162100
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 23.30 On/Off RF1:
RF3 Index: 14080107016600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/75-10/20/75	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/20/75-10/20/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	1	189.	189.	189.	189.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0020

NPS Station ID: MEVE0020 LAT/LON: 37.396948/-108.273893 Agency: 112WRD Date Created: 02/20/76
Location: JACKSON GULCH OUTFLOW FROM RESERVOIR FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 372349108162600
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 8.80 On/Off RF1:
RF3 Index: 14080107019700.00 RF3 Mile Point: 0.78 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/75-10/20/75	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/20/75-10/20/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	1	93.	93.	93.	93.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	1	1.63	1.63	1.63	1.63	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0021

NPS Station ID: MEVE0021 LAT/LON: 37.347707/-108.275148 Agency: 21COL001 Date Created: / /
Location: MANCOS RIVER AT MANCOS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 000103
RMI-Indexes: 1101000 009420 01630 Within Park Boundary: No
RMI-Miles: 0789.60 0189.70 064.70
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO SAN JUAN RIVER BASIN ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080107009100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:
MANCOS RIVER AT HWY 160 CROSSING AT MANCOS, MONTEZUMA COUNTY. T.36-N, R.13-W, S.27
STATE OF COLORADO DEPARTMENT OF HEALTH STATION NO. RPS-103 ELEVATION 6993 FEET

Parameter Inventory for Station: MEVE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/17/71-06/22/93	116	45.	47.447	79.	32.	144.413	12.017	33.	36.125	57.15	64.58
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/01/82-04/01/82	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/02/79-06/22/93	77	56.	55.779	92.	10.	399.332	19.983	30.8	38.	74.	80.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/17/71-06/04/80	40	3.75	15.01	120.	0.6	819.895	28.634	1.02	1.625	10.	54.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/71-04/28/92	102	334.5	354.892	890.	150.	20866.731	144.453	180.	263.5	422.5	577.
00096	SALINITY AT 25 DEGREES C (MG/ML)	01/12/77-01/12/77	1	490.	490.	490.	490.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/02/73-06/22/93	105	9.7	9.691	12.9	6.3	2.38	1.543	7.6	8.4	11.	11.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/17/71-03/15/89	67	1.	1.148	2.5	0.5	0.273	0.523	0.5	1.	1.3	2.
00400p	PH (STANDARD UNITS)	08/17/71-06/22/93	111	8.	7.895	8.8	6.2	0.237	0.487	7.2	7.7	8.2	8.4
00400p	CONVERTED PH (STANDARD UNITS)	08/17/71-06/22/93	111	8.	7.522	8.8	6.2	0.377	0.614	7.2	7.7	8.2	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/71-06/22/93	111	0.01	0.03	0.631	0.002	0.005	0.072	0.004	0.006	0.02	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/78-06/22/93	72	92.	93.472	170.	37.	739.295	27.19	60.	73.	116.	129.4
00500	RESIDUE, TOTAL (MG/L)	04/11/74-09/10/75	8	308.5	339.5	563.	179.	20919.714	144.636	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/17/71-05/02/73	5	5.	50.4	237.	1.	10886.8	104.34	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/71-06/22/93	110 ##	5.	24.327	300.	0.	2621.69	51.202	5.	5.	19.25	52.3
00545	RESIDUE, SETTLEABLE (ML/L)	08/17/71-05/02/73	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/71-04/28/92	105 ##	0.05	0.079	1.5	0.	0.026	0.162	0.	0.05	0.05	0.15
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/17/71-05/10/79	34	0.	0.006	0.09	0.	0.	0.016	0.	0.	0.005	0.014
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/17/71-05/10/79	37	0.12	0.243	2.5	0.	0.182	0.427	0.	0.	0.325	0.52
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/79-04/28/92	69 ##	0.5	0.514	1.	0.5	0.007	0.084	0.5	0.5	0.5	0.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/79-04/28/92	71 ##	0.25	0.262	1.4	0.003	0.03	0.174	0.25	0.25	0.25	0.25
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/17/71-05/02/73	8	0.05	0.063	0.1	0.	0.001	0.035	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/74-04/28/92	90 ##	0.025	0.032	0.33	0.	0.002	0.04	0.	0.025	0.025	0.059
00723p	CYANIDE, DISSOLVED STD METHOD (UG/L)	09/22/71-05/02/83	55	0.003	0.003	0.02	0.	0.	0.004	0.	0.	0.005	0.005
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/71-06/22/93	95	170.	177.821	376.	67.	5862.361	76.566	85.	120.	220.	296.4
00910p	CALCIUM (MG/L AS CACO3)	08/17/71-12/09/80	43	143.	150.884	288.	17.	3941.915	62.785	71.	98.	210.	236.8
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/71-12/09/80	43	12.	14.372	33.	4.	51.858	7.201	6.	9.	20.	23.6
00929p	SODIUM, TOTAL (MG/L AS NA)	08/17/71-06/04/80	43	10.	11.907	30.	1.	49.741	7.053	3.4	5.	17.	23.2
00931p	SODIUM ADSORPTION RATIO	08/17/71-06/04/80	40	0.35	0.443	4.	0.	0.36	0.6	0.2	0.2	0.475	0.6
00937	POTASSIUM, TOTAL MG/L AS K)	02/15/78-05/02/83	11	1.6	1.464	2.	0.5	0.243	0.492	0.6	1.	1.8	2.
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/17/71-06/04/80	42	6.	6.476	14.	2.	6.158	2.482	3.	5.	8.	9.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/17/71-06/22/93	112	84.	86.5	250.	3.	2928.324	54.114	24.3	43.25	110.	157.
00951p	FLUORIDE, TOTAL (MG/L AS F)	08/17/71-07/12/77	26	0.175	0.177	0.45	0.1	0.009	0.096	0.1	0.1	0.2	0.33

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

Parameter Inventory for Station: MEVE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00980p	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/17/71-06/22/93	95	140.	257.505	2000.	0.	164215.295	405.235	50.	50.	230.	540.
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	05/10/79-11/05/81	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01002p	ARSENIC, TOTAL (UG/L AS AS)	08/17/71-05/02/83	37	0.	1.122	10.	0.	5.367	2.317	0.	0.	0.75	5.
01022p	BORON, TOTAL (UG/L AS B)	08/17/71-04/01/82	35	20.	23.477	110.	0.	735.009	27.111	0.	0.	40.	60.
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	06/01/88-06/22/93	23 ##	0.15	0.259	2.	0.15	0.162	0.403	0.15	0.15	0.15	0.54
01032p	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/17/71-01/12/77	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01040p	COPPER, DISSOLVED (UG/L AS CU)	06/01/88-06/22/93	23	8.	9.804	39.	2.	80.153	8.953	2.	2.5	14.	21.2
01045	IRON, TOTAL (UG/L AS FE)	05/02/83-05/02/83	1	340.	340.	340.	340.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/01/88-04/28/92	17 ##	50.	50.765	110.	18.	432.691	20.801	22.8	45.5	50.	90.8
01049p	LEAD, DISSOLVED (UG/L AS PB)	06/01/88-06/22/93	23 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	06/01/88-06/22/93	23 ##	25.	23.13	43.	7.	53.573	7.319	10.6	22.	25.	29.8
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/07/78-11/05/81	8 ##	25.	28.131	50.	0.	434.866	20.853	**	**	**	**
01075p	SILVER, DISSOLVED (UG/L AS AG)	06/01/88-06/22/93	23 ##	0.1	0.117	0.5	0.1	0.007	0.083	0.1	0.1	0.1	0.1
01079p	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/20/72-06/01/88	45 ##	0.1	0.669	25.	0.	13.789	3.713	0.	0.1	0.1	0.1
01090p	ZINC, DISSOLVED (UG/L AS ZN)	06/01/88-06/22/93	23 ##	5.	7.348	40.	4.	58.692	7.661	4.	4.	5.	13.6
01094p	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/17/71-06/01/88	85 ##	5.	27.612	980.	0.	12175.121	110.341	0.	5.	11.5	54.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	06/07/78-11/05/81	8 ##	625.	568.875	1000.	0.	159078.696	398.847	**	**	**	**
01113p	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/17/71-06/01/88	85 ##	0.15	0.164	2.	0.	0.063	0.252	0.	0.	0.15	0.4
01114p	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/17/71-06/01/88	88 ##	2.5	3.426	35.	0.	33.239	5.765	0.	0.	2.5	6.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/11/76-11/07/77	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01119p	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/17/71-06/01/88	83	2.5	7.795	64.	0.	125.86	11.219	0.	2.5	11.	21.6
01123p	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/17/71-06/01/88	84 ##	25.	26.631	410.	0.	2225.079	47.171	0.	0.	25.	50.
01129p	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/17/71-07/12/77	23	0.	0.435	5.	0.	2.075	1.441	0.	0.	0.	3.
01147p	SELENIUM, TOTAL (UG/L AS SE)	08/17/71-11/05/81	24	0.	0.604	4.	0.	1.195	1.093	0.	0.	1.	2.75
01503	ALPHA, DISSOLVED	04/19/72-12/15/76	9	12.	12.889	25.	3.	46.861	6.846	3.	8.	18.	25.
01504	ALPHA, DISSOLVED, COUNTING ERROR	04/19/72-12/15/76	10	9.5	9.7	14.	6.	6.678	2.584	6.1	7.75	11.5	13.9
03503	BETA, DISSOLVED	04/19/72-06/23/76	4	12.5	11.75	16.	6.	17.583	4.193	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	04/19/72-06/23/76	4	11.	10.75	12.	9.	1.583	1.258	**	**	**	**
09503	RADIUM 226, DISSOLVED	07/14/75-07/14/75	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
09504	RADIUM 226, DISSOLVED, COUNTING ERROR	07/14/75-07/14/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/10/79-05/02/83	6	2.	1.9	3.4	1.	0.78	0.883	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/17/71-06/07/78	33	220.	963.394	24000.	5.	17204592.496	4147.842	15.	26.5	240.	930.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/17/71-06/07/78	33	2.342	2.09	4.38	0.699	0.562	0.749	1.176	1.419	2.38	2.968
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			122.899								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	103	23.	94.335	2400.	1.	68573.438	261.865	1.5	4.	93.	226.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	103	1.362	1.309	3.38	0.	0.635	0.797	0.176	0.602	1.968	2.354
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.393								
38260p	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/17/71-07/12/77	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/71-06/22/93	113	230.	238.487	610.	75.	10412.663	102.042	120.	167.5	285.5	396.
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/28/92-06/22/93	6 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/02/79-05/02/83	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25

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

EPA Water Quality Criteria Analysis for Station: MEVE0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	40	4	0.10	10	0	0.00	13	0	0.00	8	1	0.13	9	3	0.33
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	105	0	0.00	26	0	0.00	34	0	0.00	23	0	0.00	22	0	0.00
00400	PH	Fresh Chronic	9.	111	0	0.00	29	0	0.00	36	0	0.00	23	0	0.00	23	0	0.00
		Other-Lo Lim.	6.5	111	2	0.02	29	0	0.00	36	2	0.06	23	0	0.00	23	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	34	0	0.00	7	0	0.00	12	0	0.00	8	0	0.00	7	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	37	0	0.00	9	0	0.00	12	0	0.00	8	0	0.00	8	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	71	0	0.00	19	0	0.00	25	0	0.00	15	0	0.00	12	0	0.00
00723	CYANIDE, DISSOLVED STD METHOD	Fresh Acute	22.	55	0	0.00	11	0	0.00	19	0	0.00	14	0	0.00	11	0	0.00
		Drinking Water	200.	55	0	0.00	11	0	0.00	19	0	0.00	14	0	0.00	11	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	42	0	0.00	10	0	0.00	14	0	0.00	9	0	0.00	9	0	0.00
		Drinking Water	250.	42	0	0.00	10	0	0.00	14	0	0.00	9	0	0.00	9	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	112	1	0.01	27	0	0.00	38	0	0.00	24	0	0.00	23	1	0.04

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

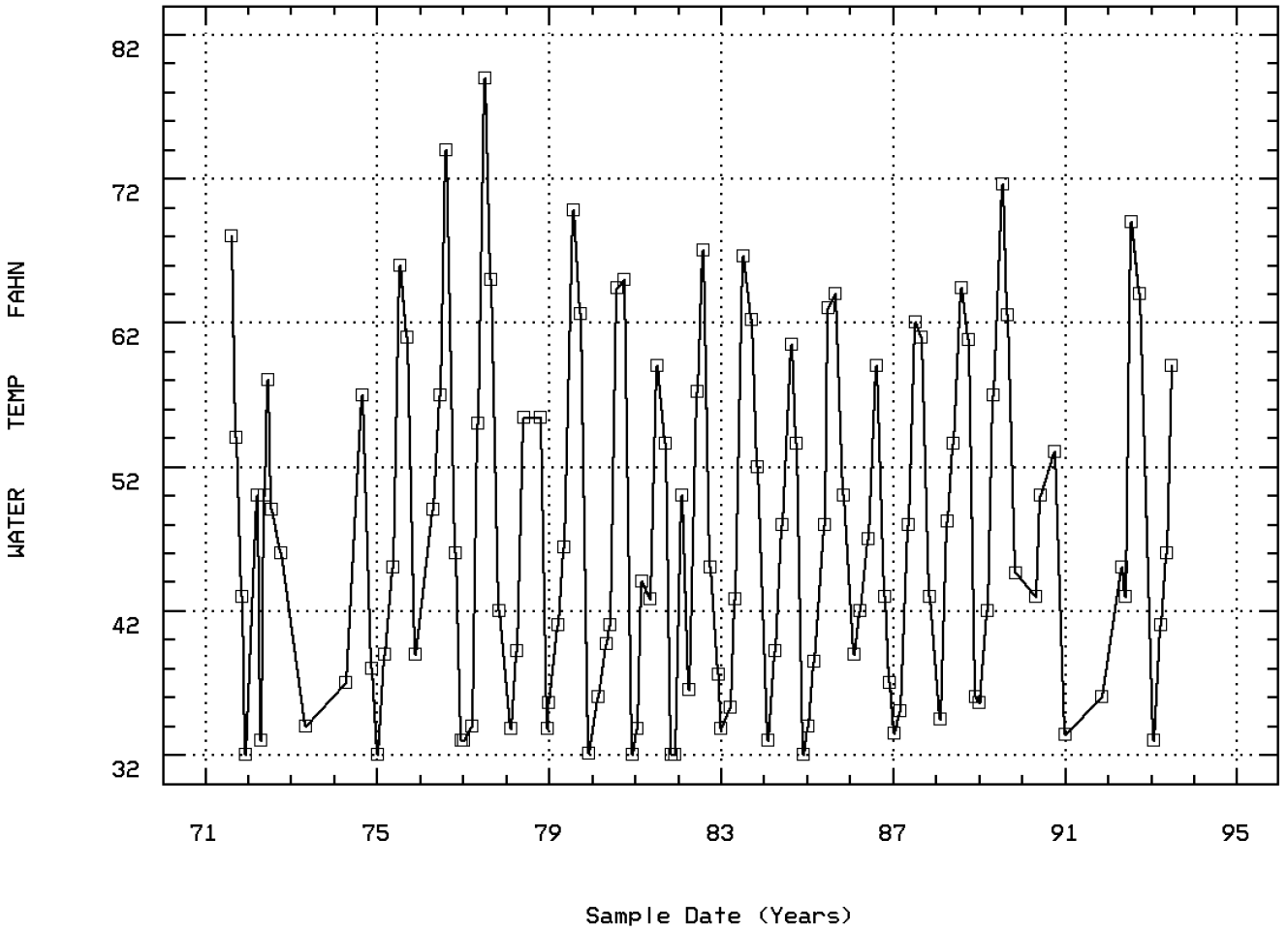
EPA Water Quality Criteria Analysis for Station: MEVE0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	26	0	0.00	6	0	0.00	8	0	0.00	6	0	0.00	6	0	0.00
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	6	0	0.00				3	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	4.	0 &	0	0.00												
01002	ARSENIC, TOTAL	Fresh Acute	360.	37	0	0.00	6	0	0.00	13	0	0.00	8	0	0.00	10	0	0.00
		Drinking Water	50.	37	0	0.00	6	0	0.00	13	0	0.00	8	0	0.00	10	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	23	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00
		Drinking Water	5.	23	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	19	0	0.00	3	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	100.	19	0	0.00	3	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	23	3	0.13	6	1	0.17	7	0	0.00	5	2	0.40	5	0	0.00
		Drinking Water	1300.	23	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	23	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00
		Drinking Water	15.	23	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	8	0	0.00				4	0	0.00	1	0	0.00	3	0	0.00
		Drinking Water	100.	8	0	0.00				4	0	0.00	1	0	0.00	3	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	23	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00
		Drinking Water	100.	23	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	44 &	0	0.00	7	0	0.00	15	0	0.00	9	0	0.00	13	0	0.00
		Drinking Water	100.	45	0	0.00	7	0	0.00	15	0	0.00	9	0	0.00	14	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	23	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00
		Drinking Water	5000.	23	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	85	2	0.02	18	0	0.00	30	1	0.03	18	1	0.06	19	0	0.00
		Drinking Water	5000.	85	0	0.00	18	0	0.00	30	0	0.00	18	0	0.00	19	0	0.00
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	85	0	0.00	19	0	0.00	31	0	0.00	16	0	0.00	19	0	0.00
		Drinking Water	5.	85	0	0.00	19	0	0.00	31	0	0.00	16	0	0.00	19	0	0.00
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	88	0	0.00	19	0	0.00	31	0	0.00	19	0	0.00	19	0	0.00
		Drinking Water	15.	88	5	0.06	19	0	0.00	31	1	0.03	19	1	0.05	19	3	0.16
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	6	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	83	12	0.14	17	0	0.00	31	4	0.13	18	3	0.17	17	5	0.29
		Drinking Water	1300.	83	0	0.00	17	0	0.00	31	0	0.00	18	0	0.00	17	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	24	0	0.00	3	0	0.00	9	0	0.00	6	0	0.00	6	0	0.00
		Drinking Water	50.	24	0	0.00	3	0	0.00	9	0	0.00	6	0	0.00	6	0	0.00
09503	RADIUM 226, DISSOLVED	Drinking Water	5.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	6	0	0.00				2	0	0.00	1	0	0.00	3	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	33	2	0.06	7	1	0.14	10	0	0.00	8	0	0.00	8	1	0.13
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	103	14	0.14	25	7	0.28	34	0	0.00	23	2	0.09	21	5	0.24
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	6	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00
		Drinking Water	2.	6	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	9	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	2.	9	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00

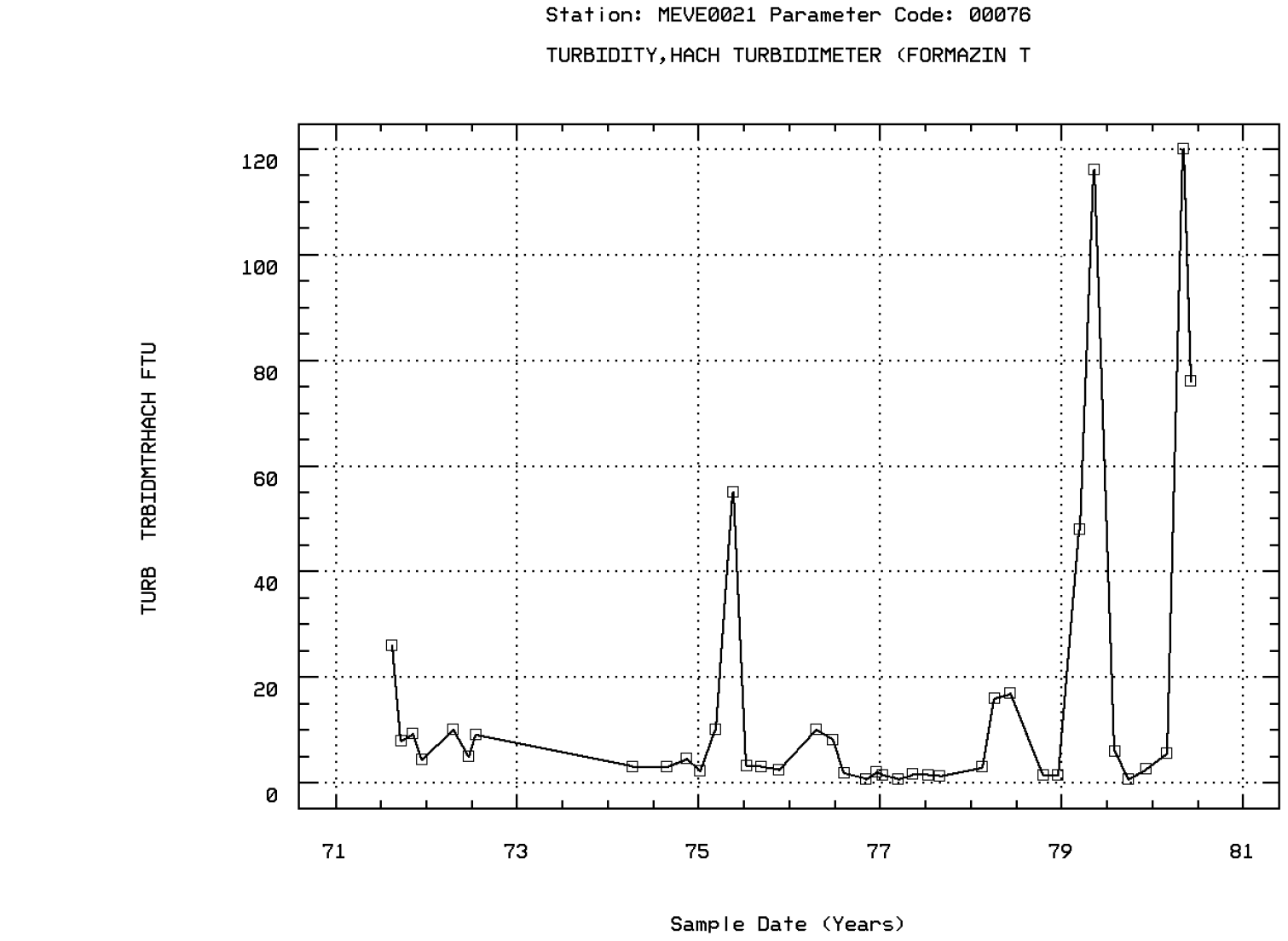
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: MEVE0021 Parameter Code: 00011

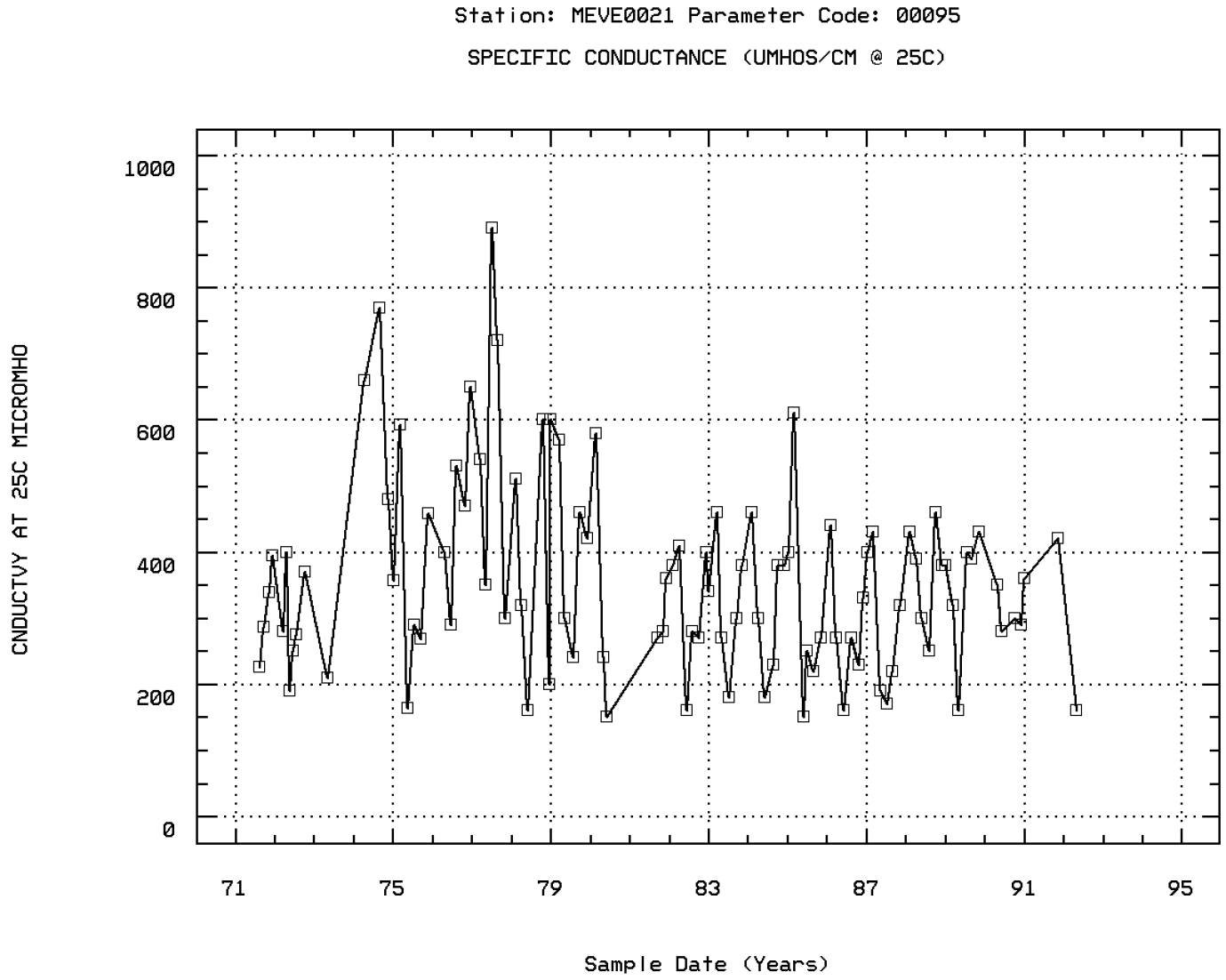
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



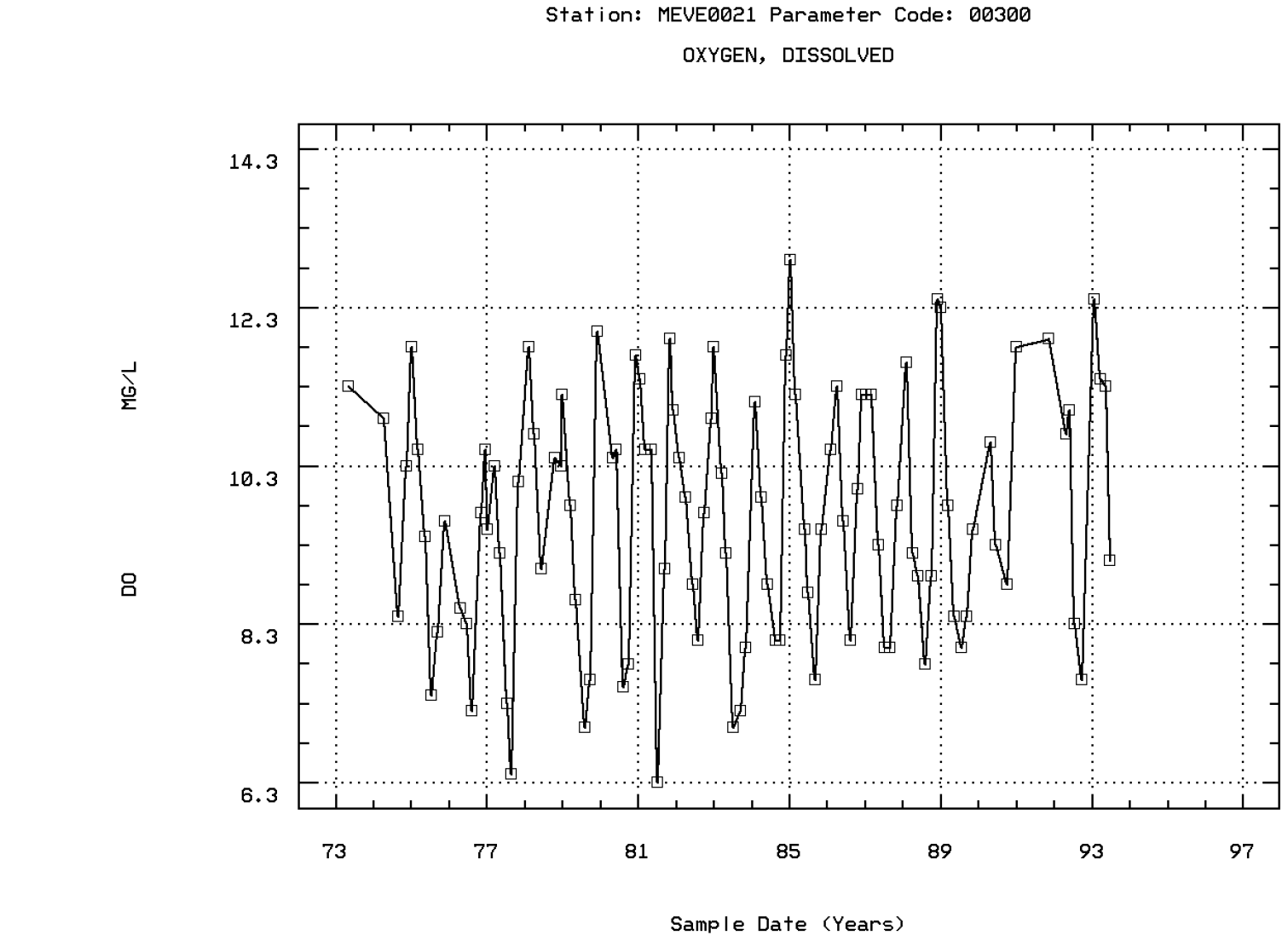
MANCOS RIVER AT MANCOS



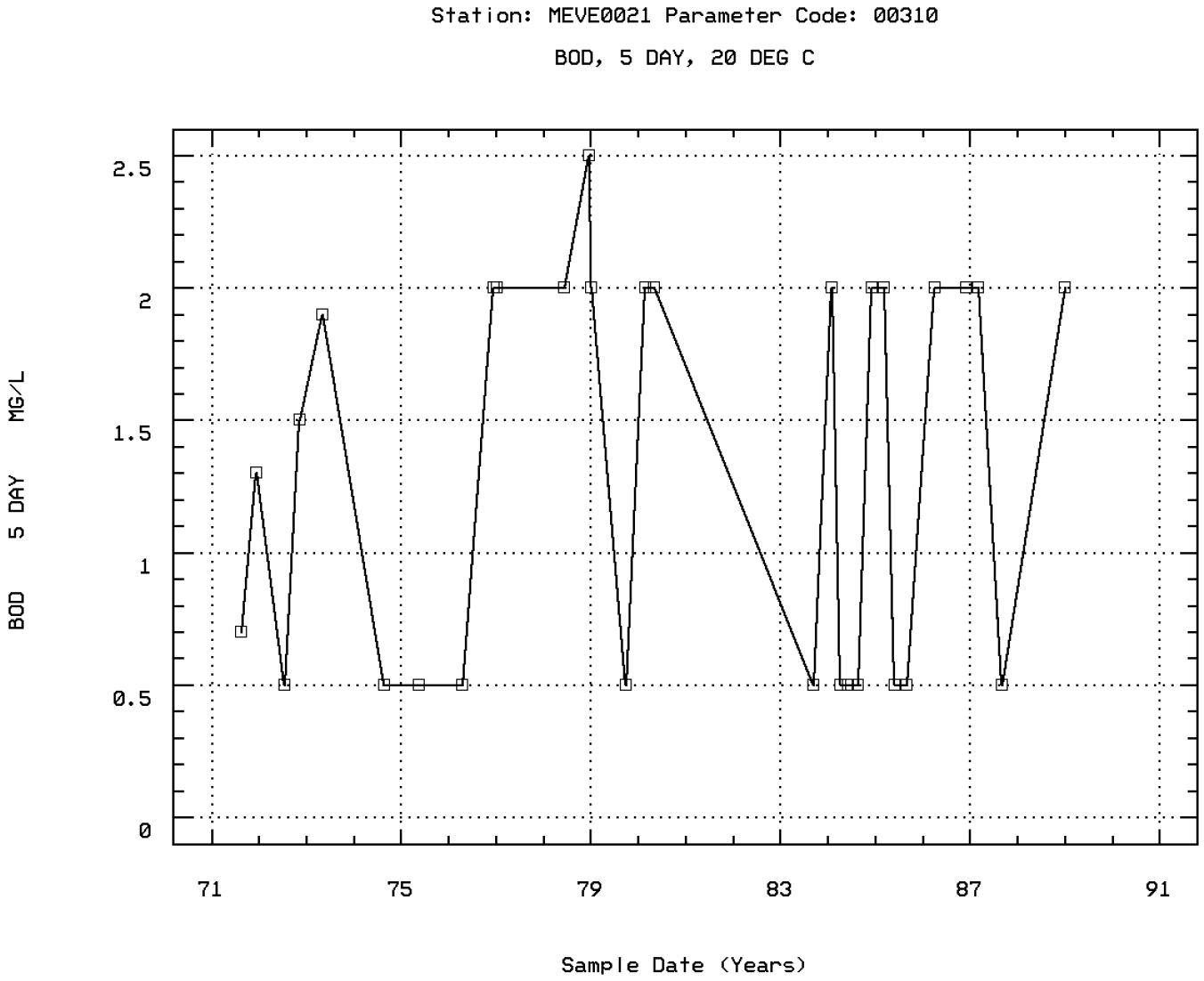
MANCOS RIVER AT MANCOS



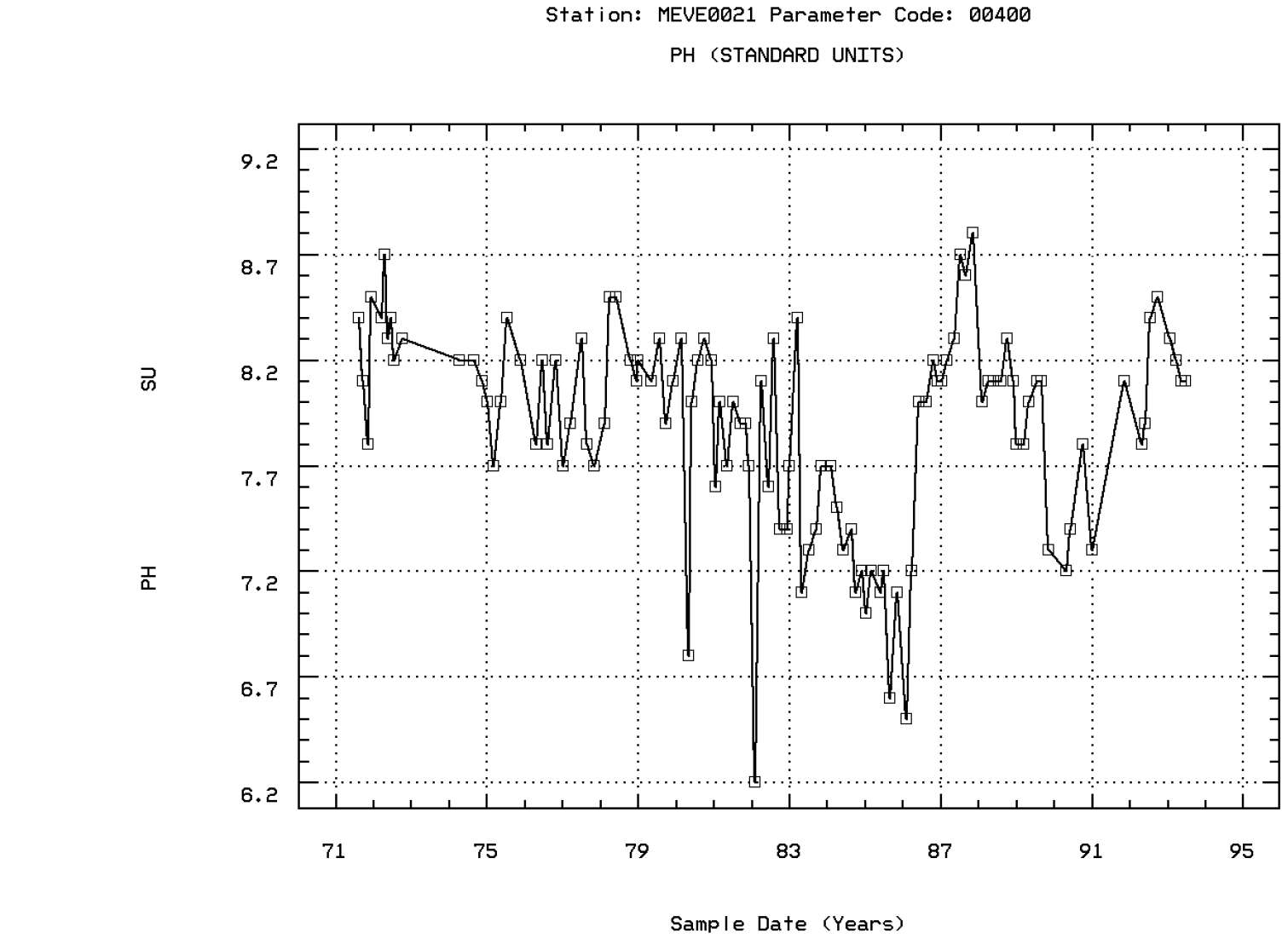
MANCOS RIVER AT MANCOS



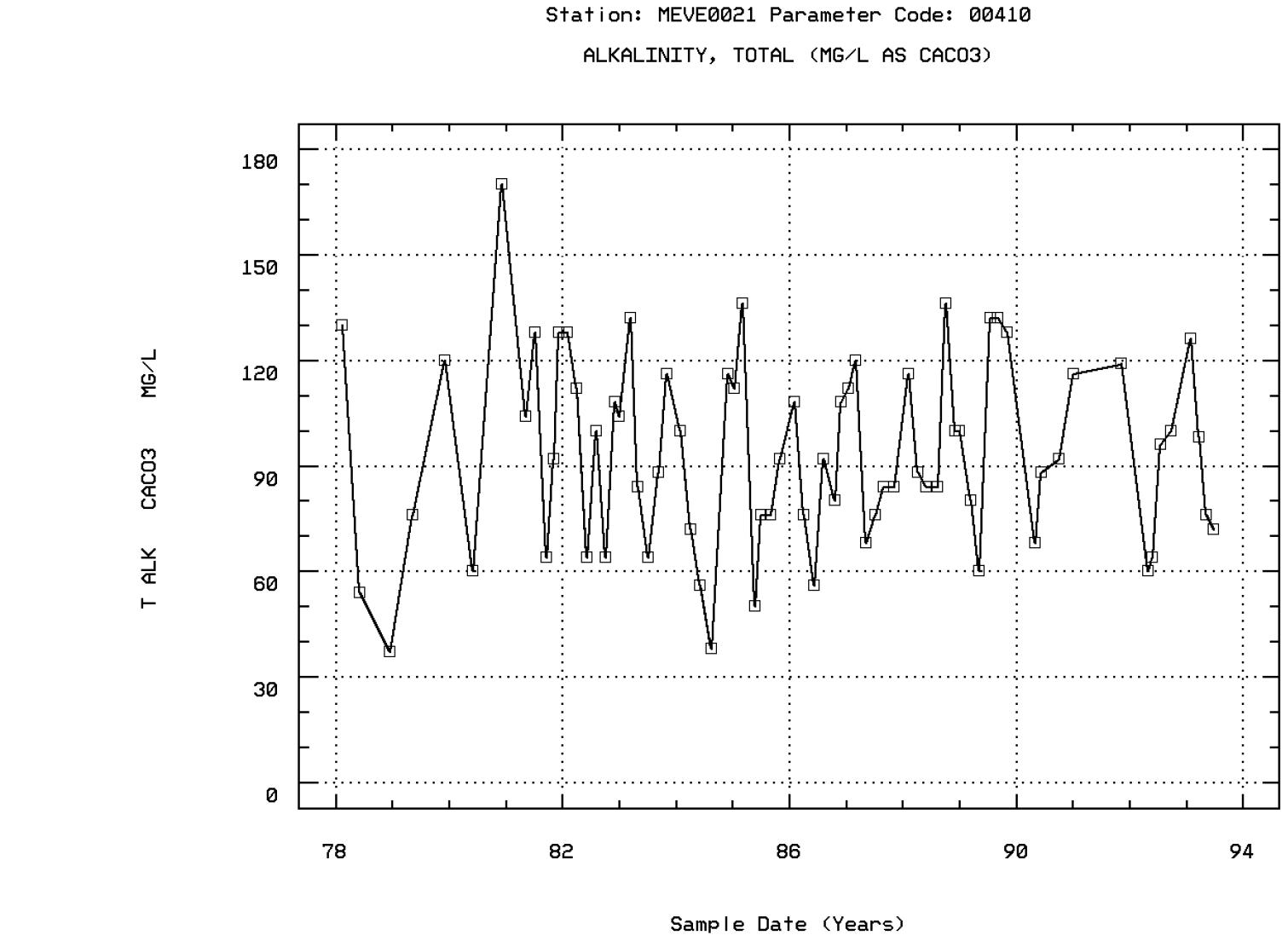
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS



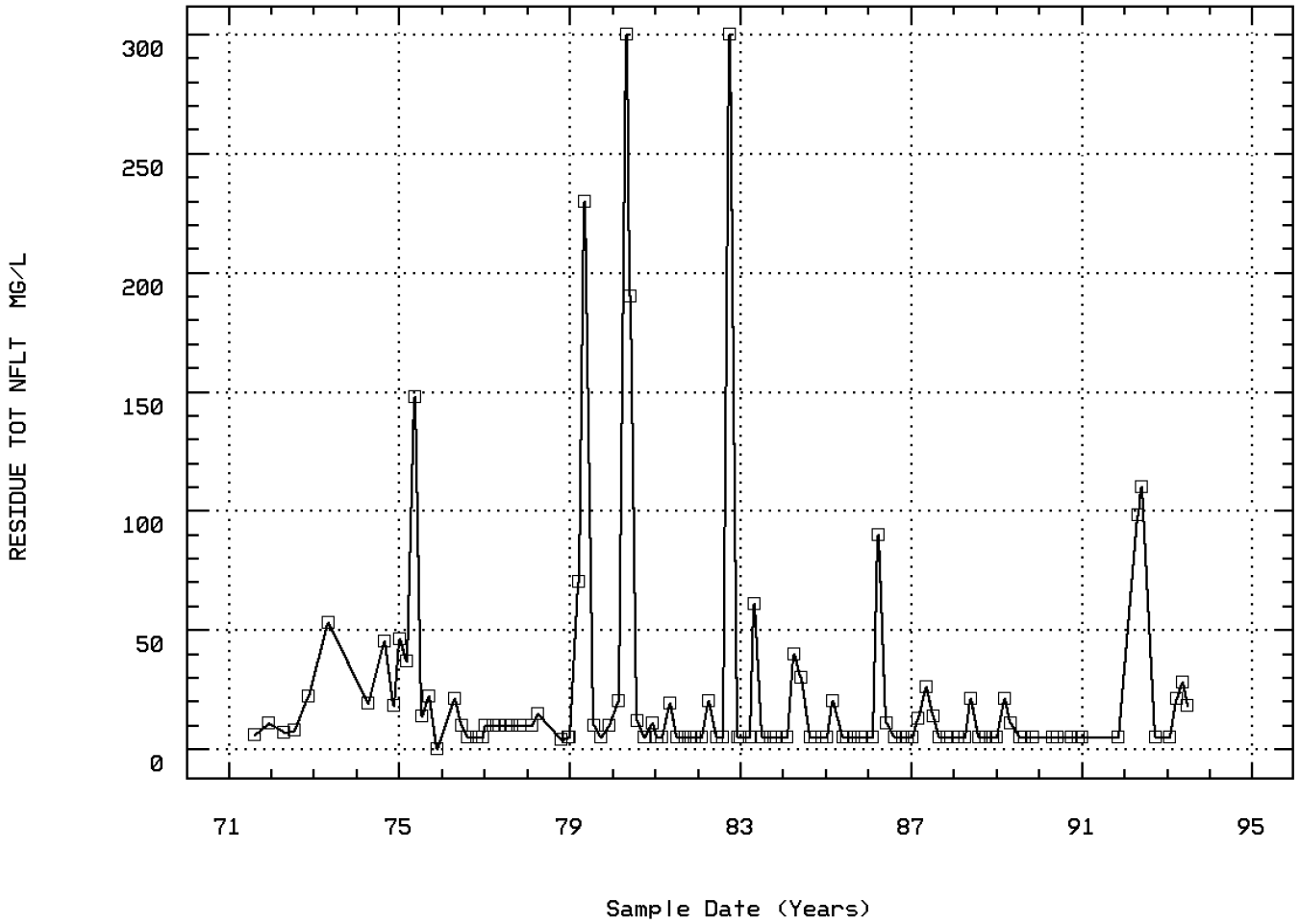
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00530

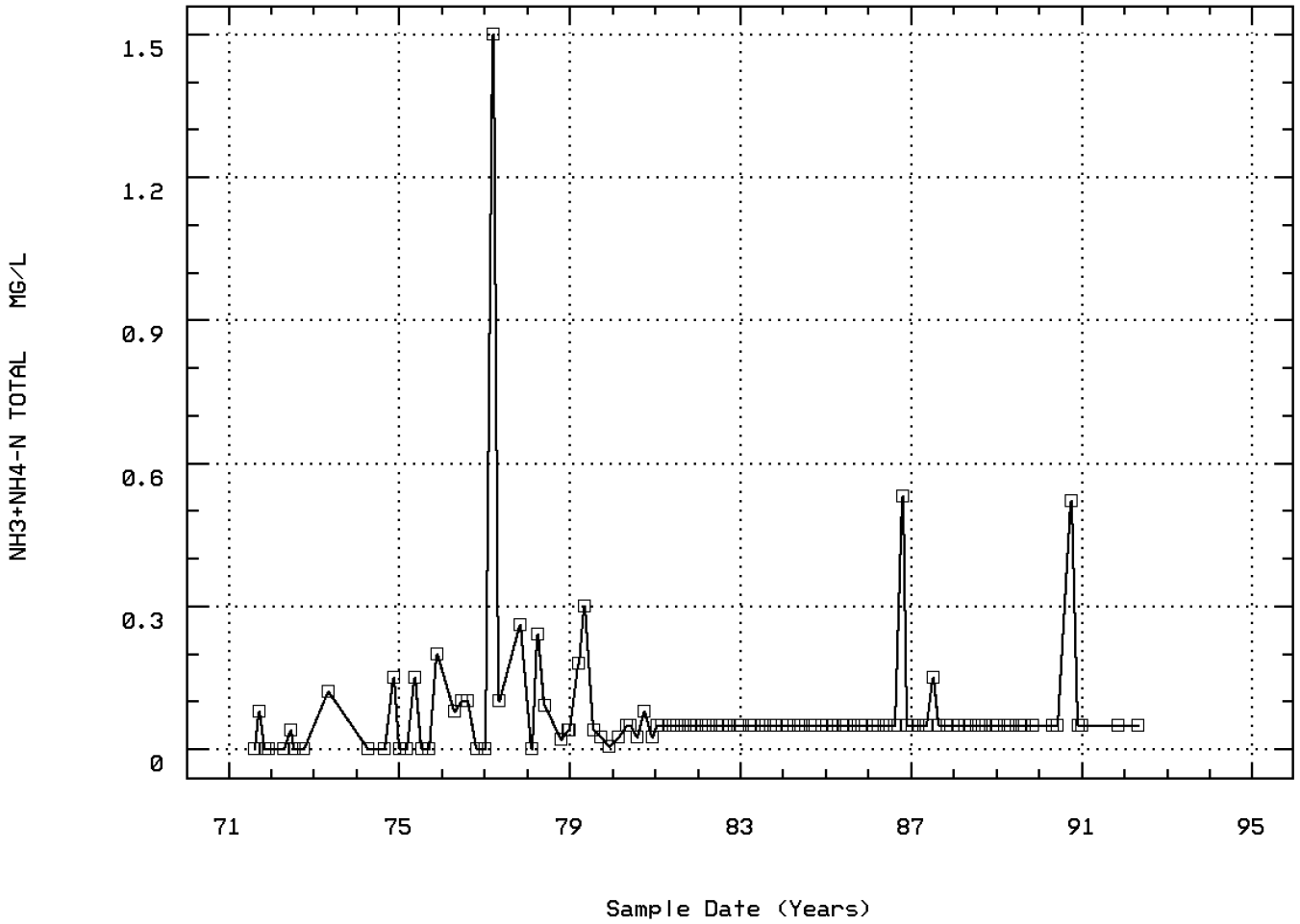
RESIDUE, TOTAL NONFILTRABLE (MG/L)



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00610

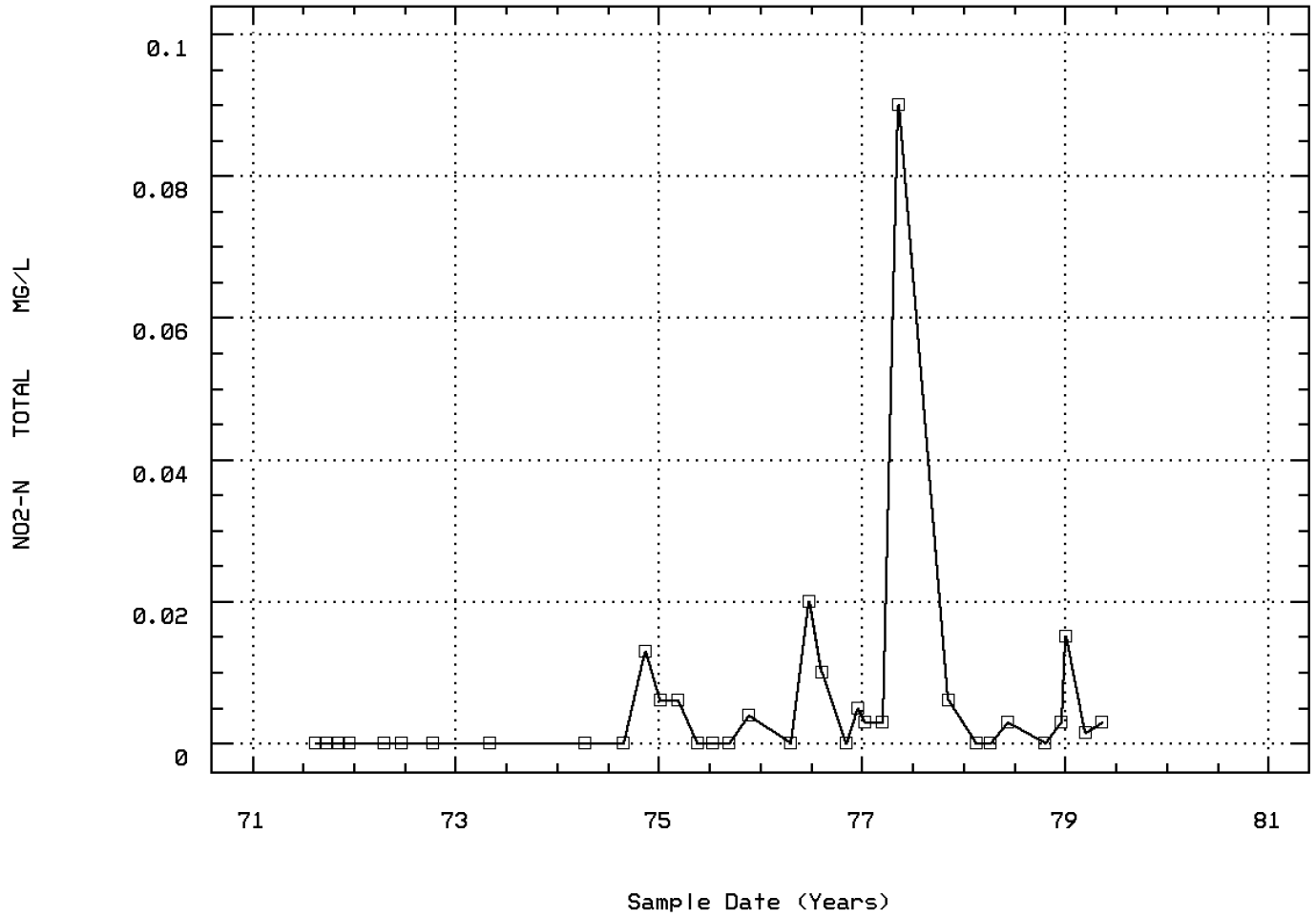
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



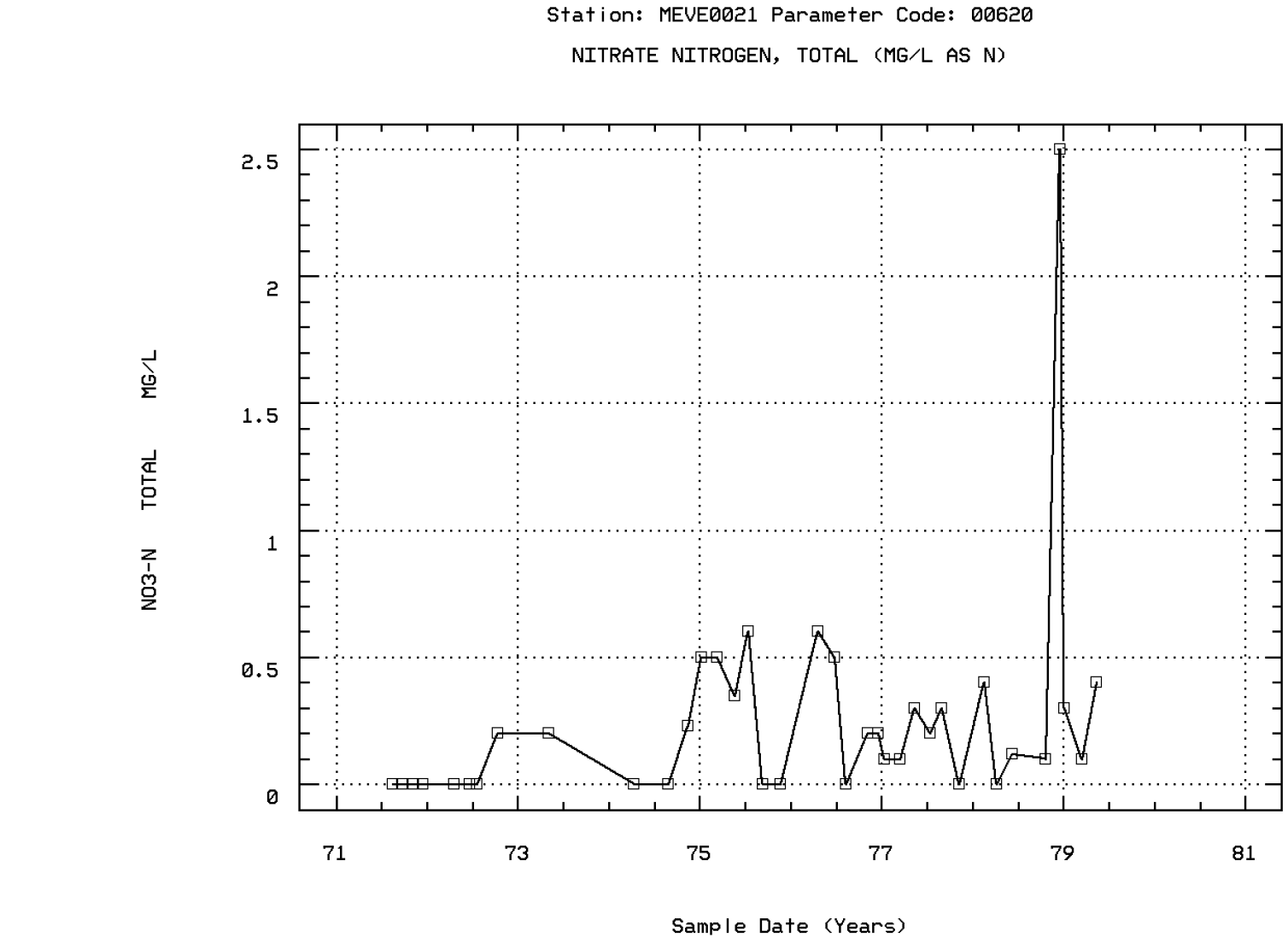
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00615

NITRITE NITROGEN, TOTAL (MG/L AS N)



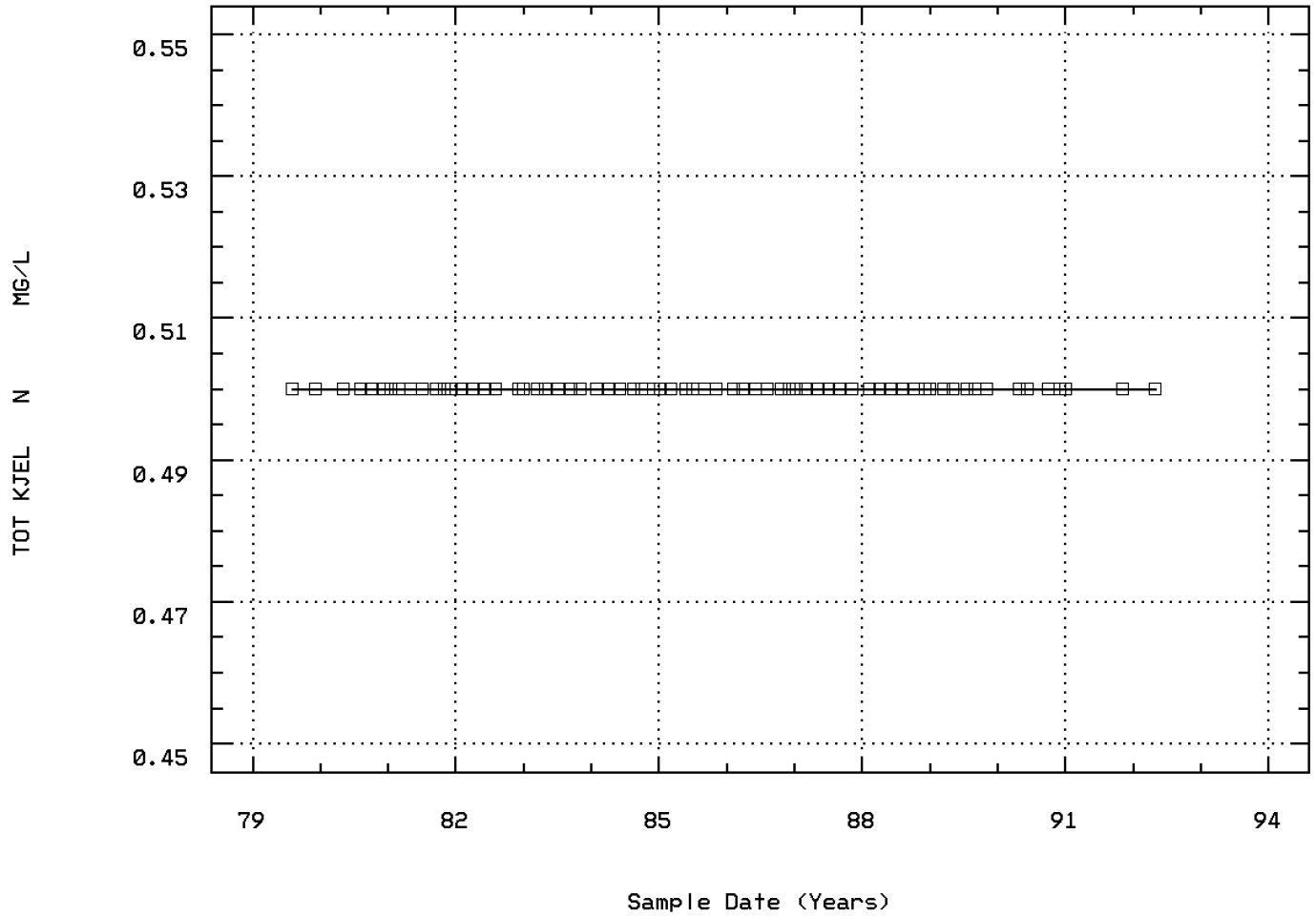
MANCOS RIVER AT MANCOS



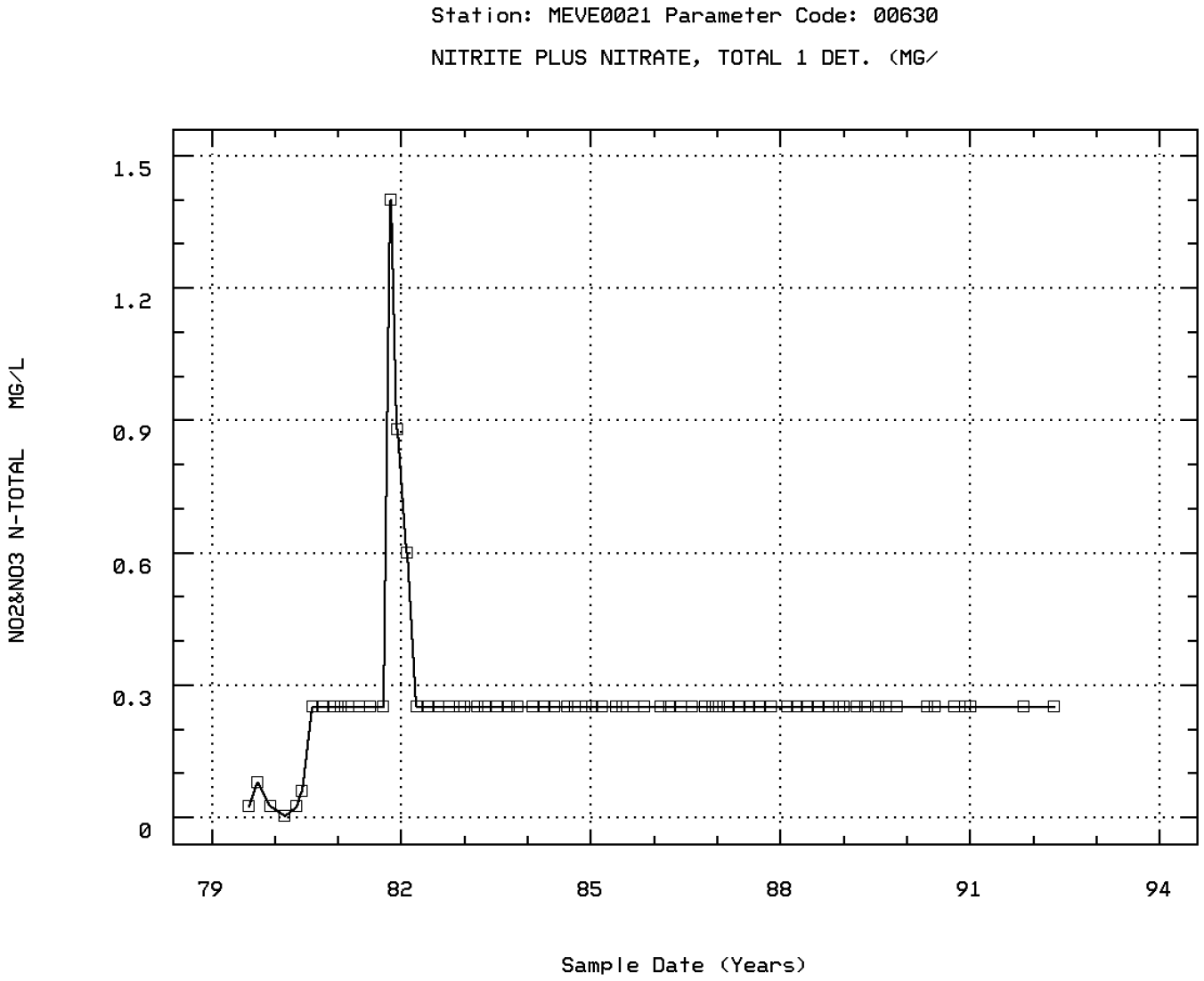
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00625

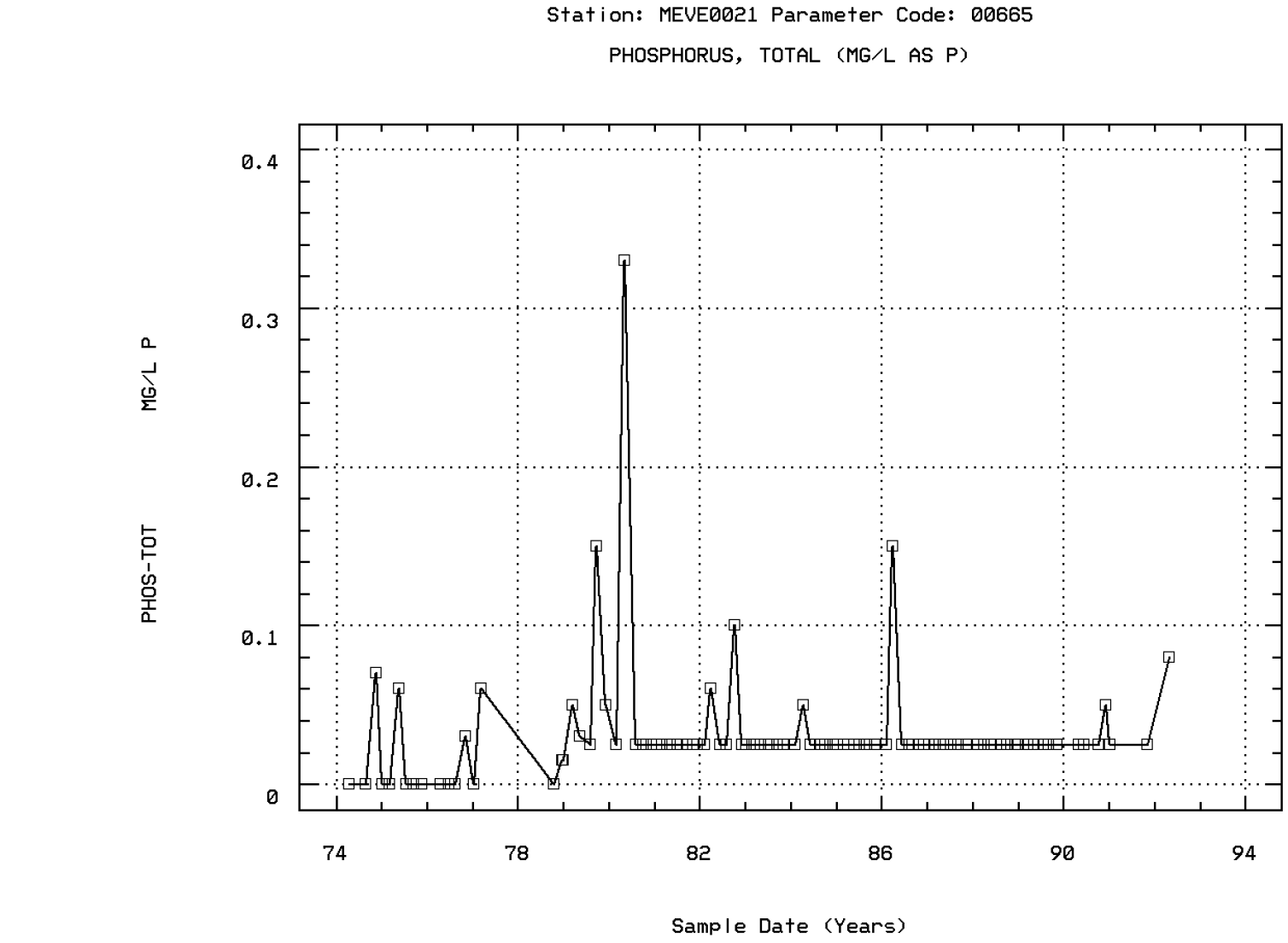
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



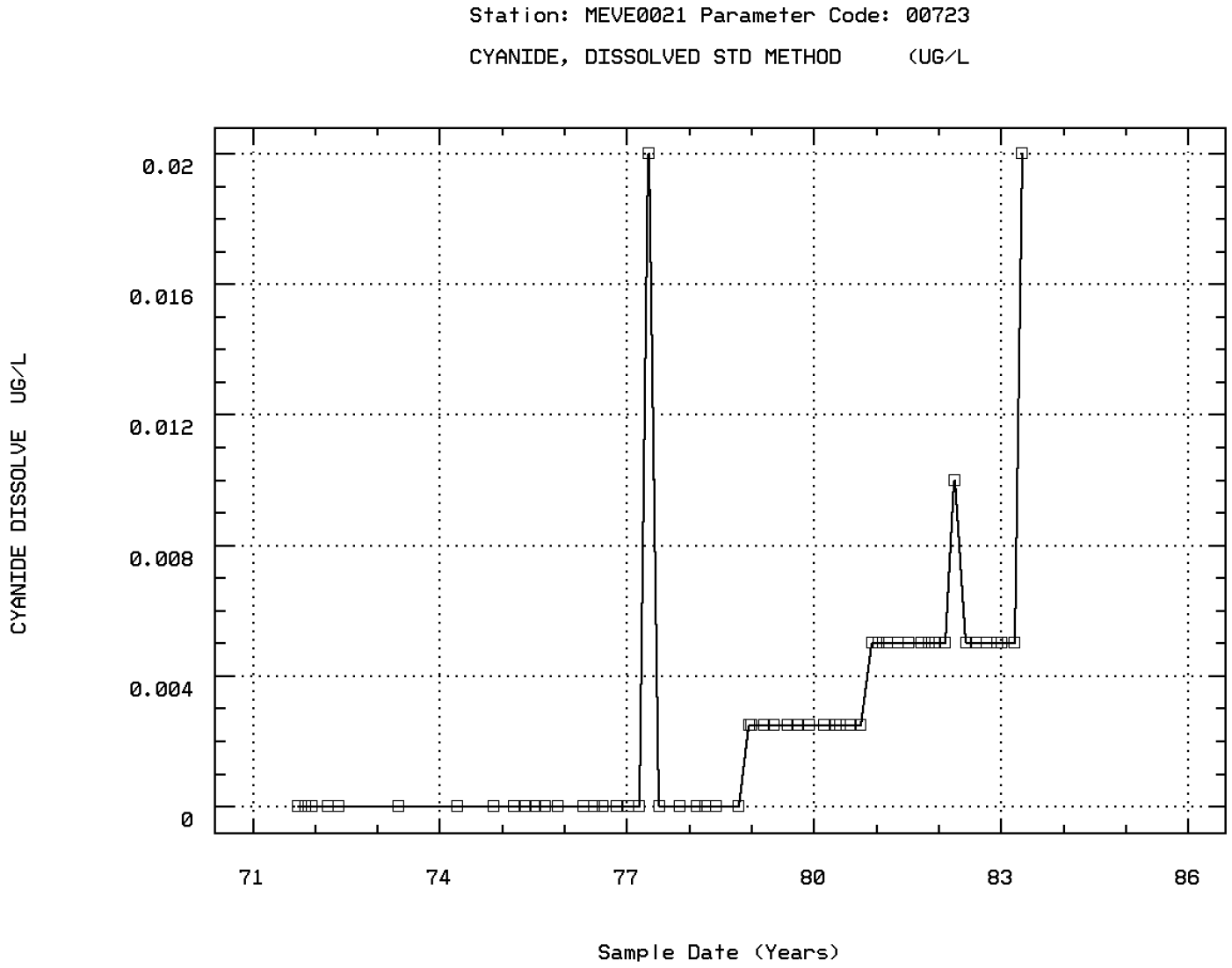
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS



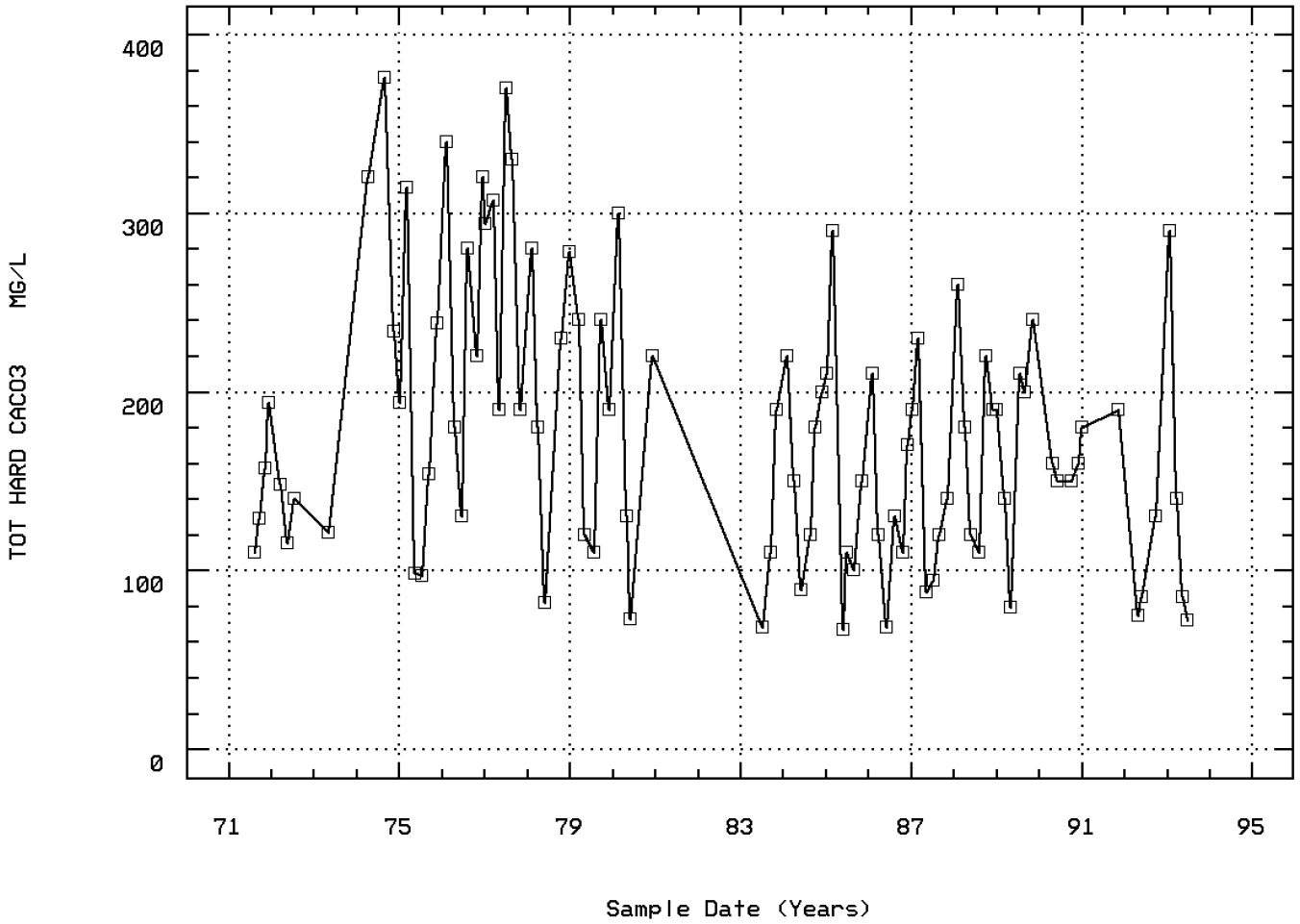
MANCOS RIVER AT MANCOS



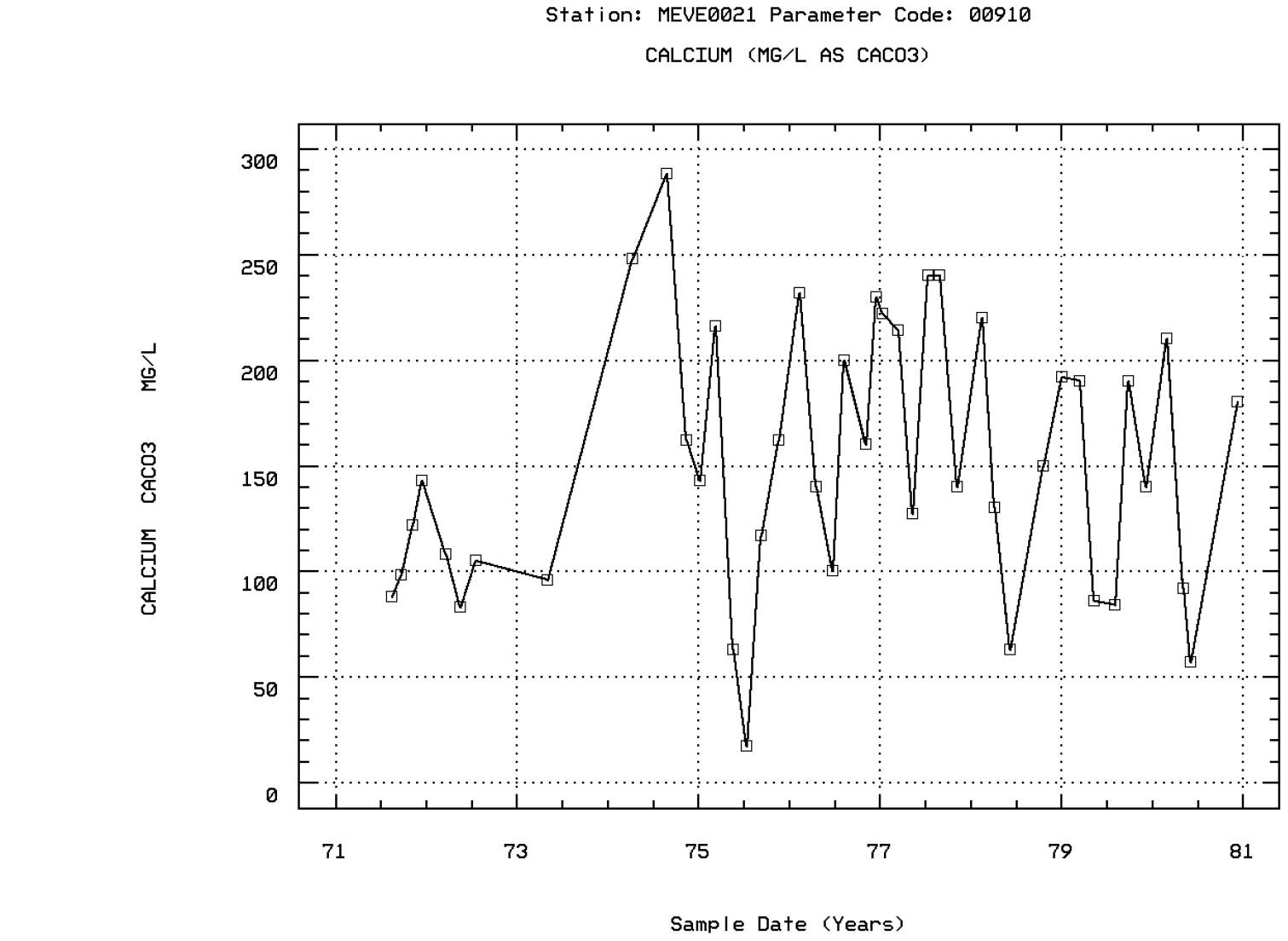
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CACO3)



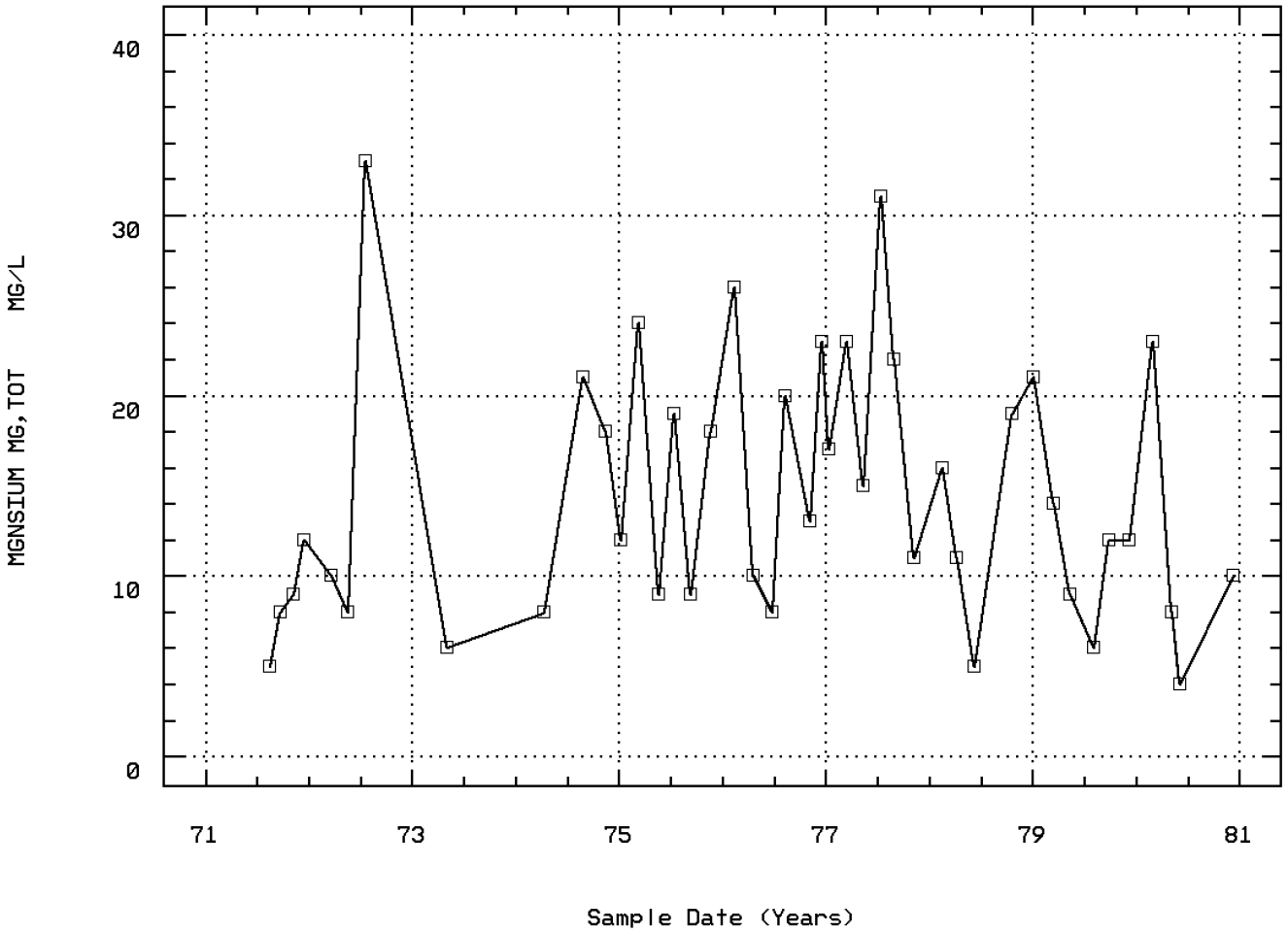
MANCOS RIVER AT MANCOS



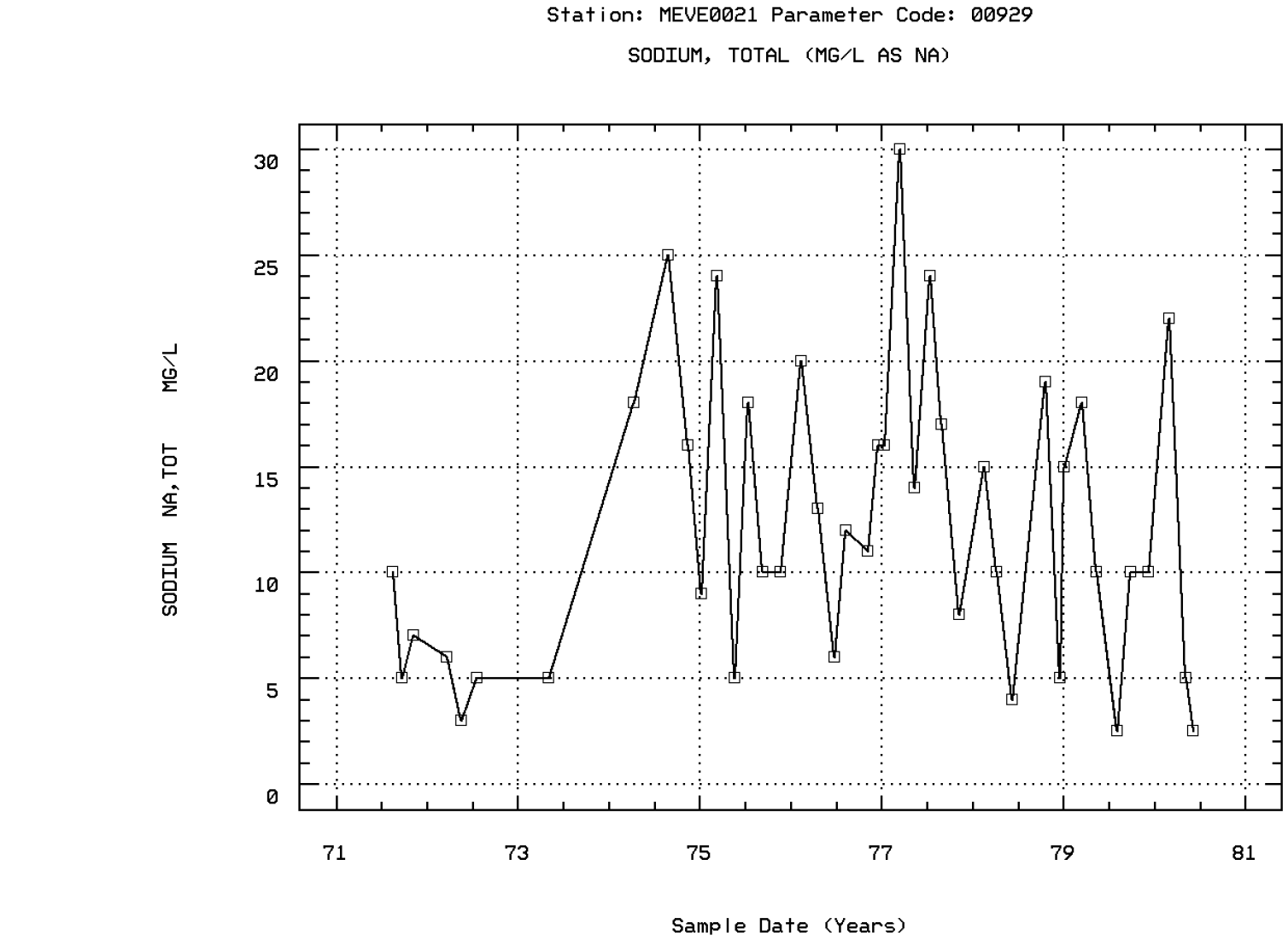
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00927

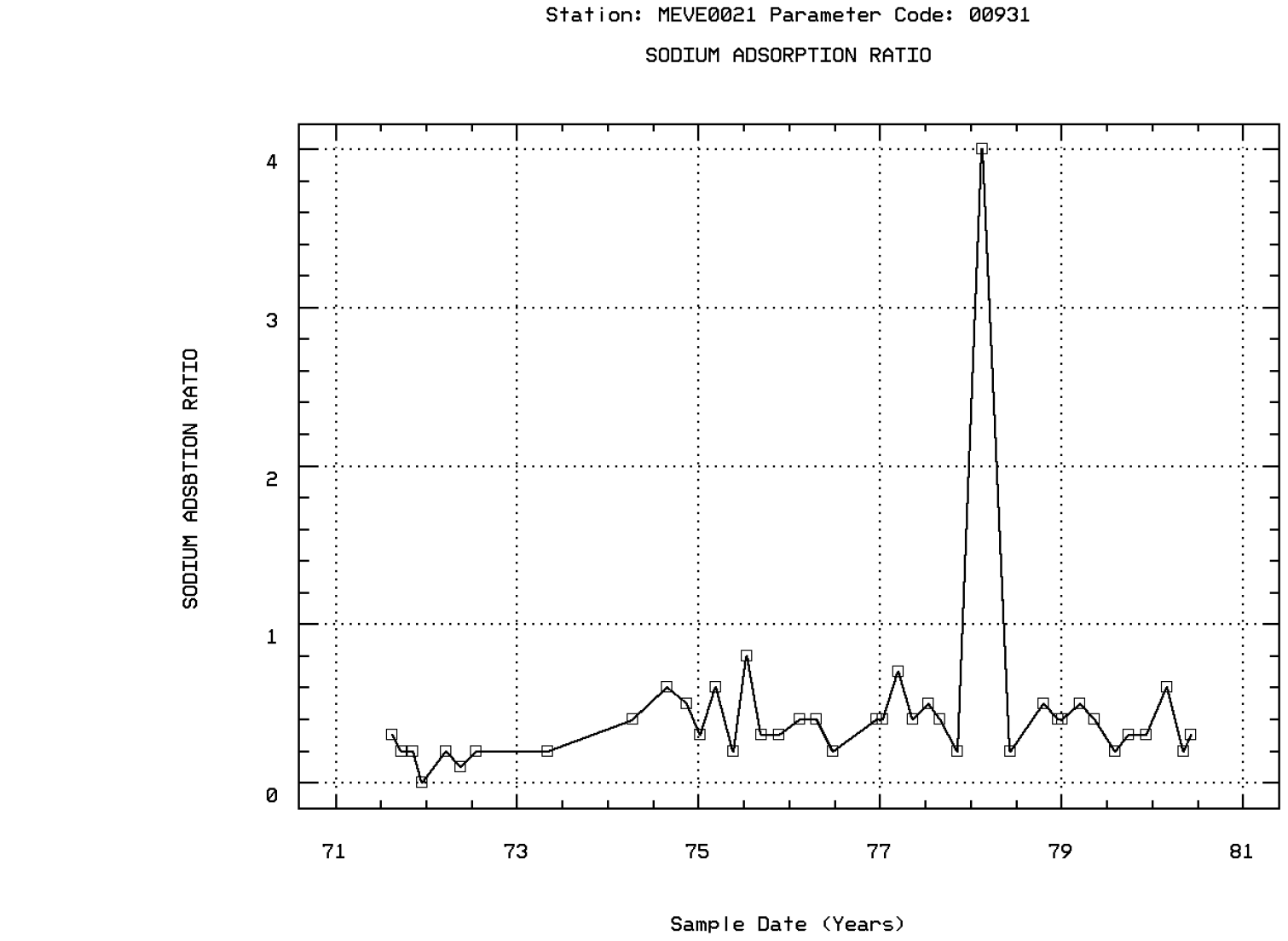
MAGNESIUM, TOTAL (MG/L AS MG)



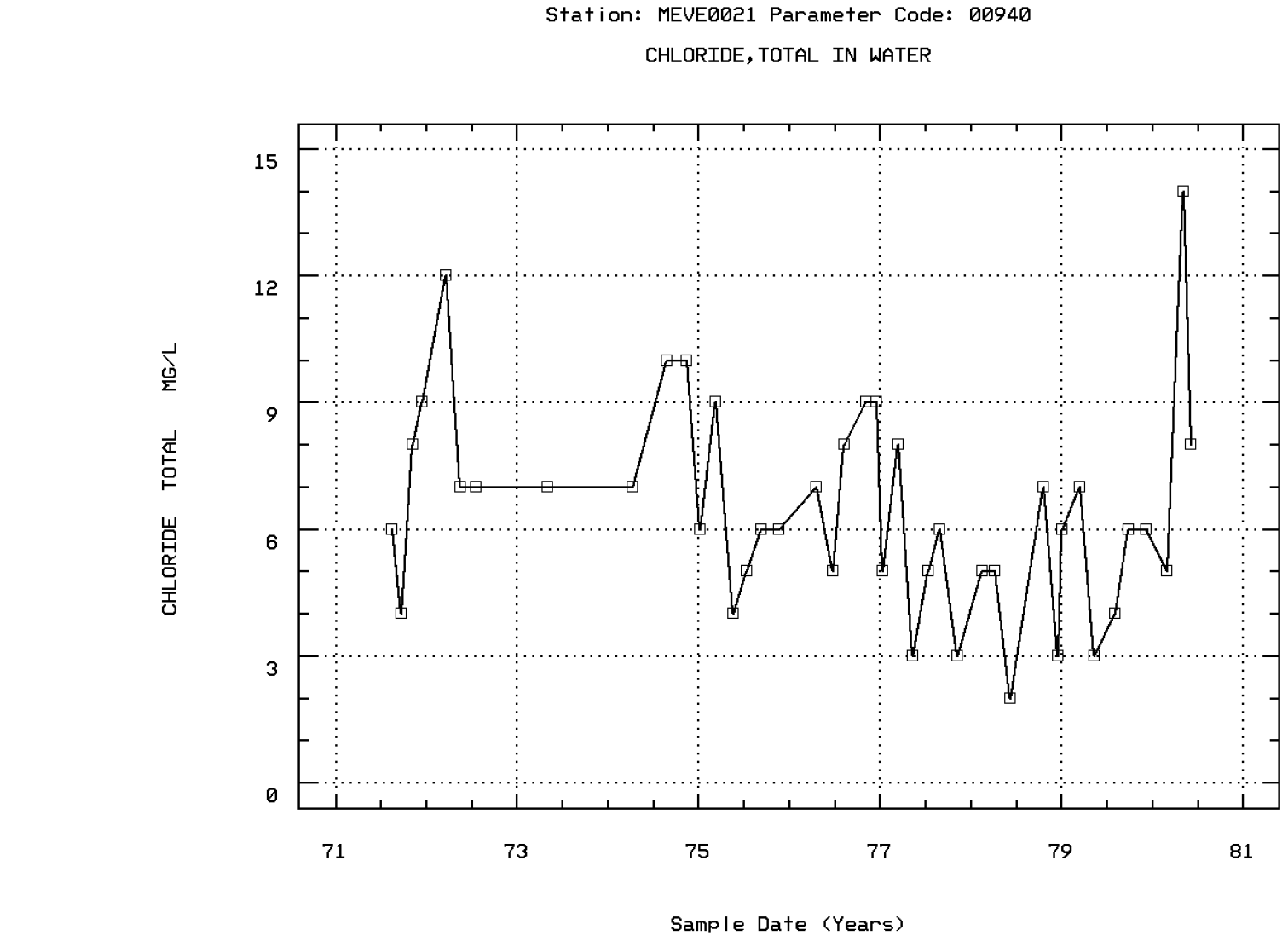
MANCOS RIVER AT MANCOS



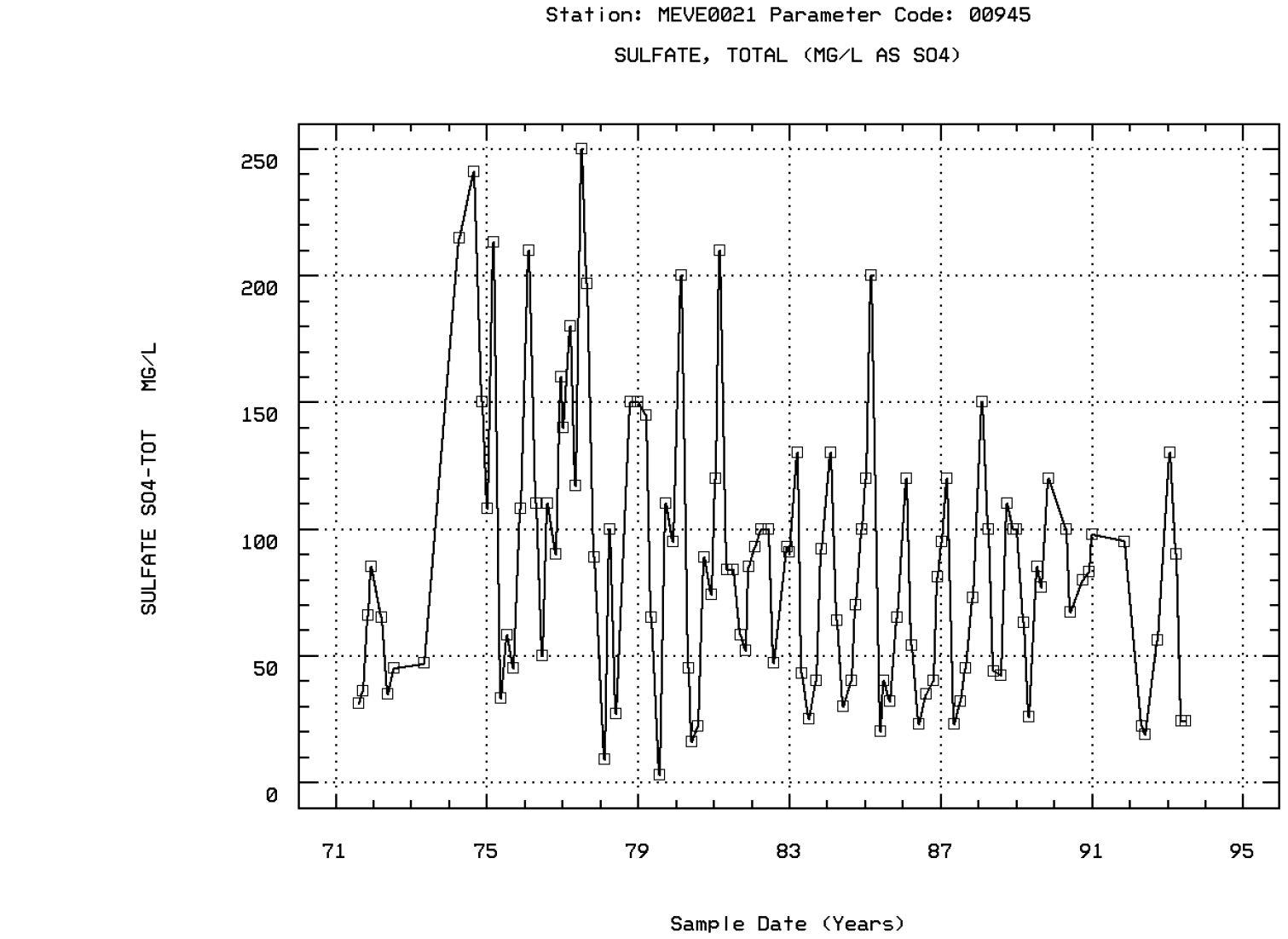
MANCOS RIVER AT MANCOS



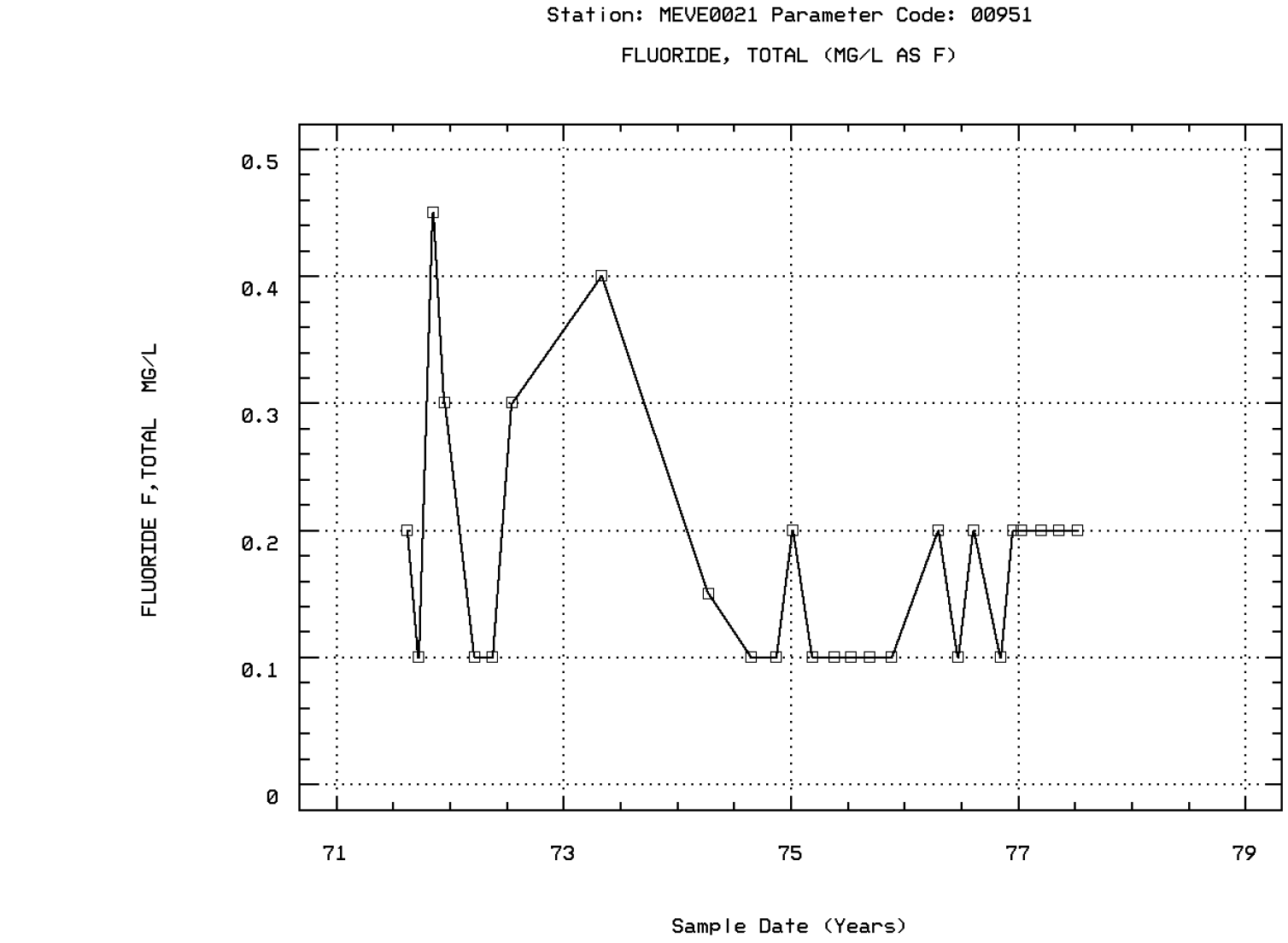
MANCOS RIVER AT MANCOS



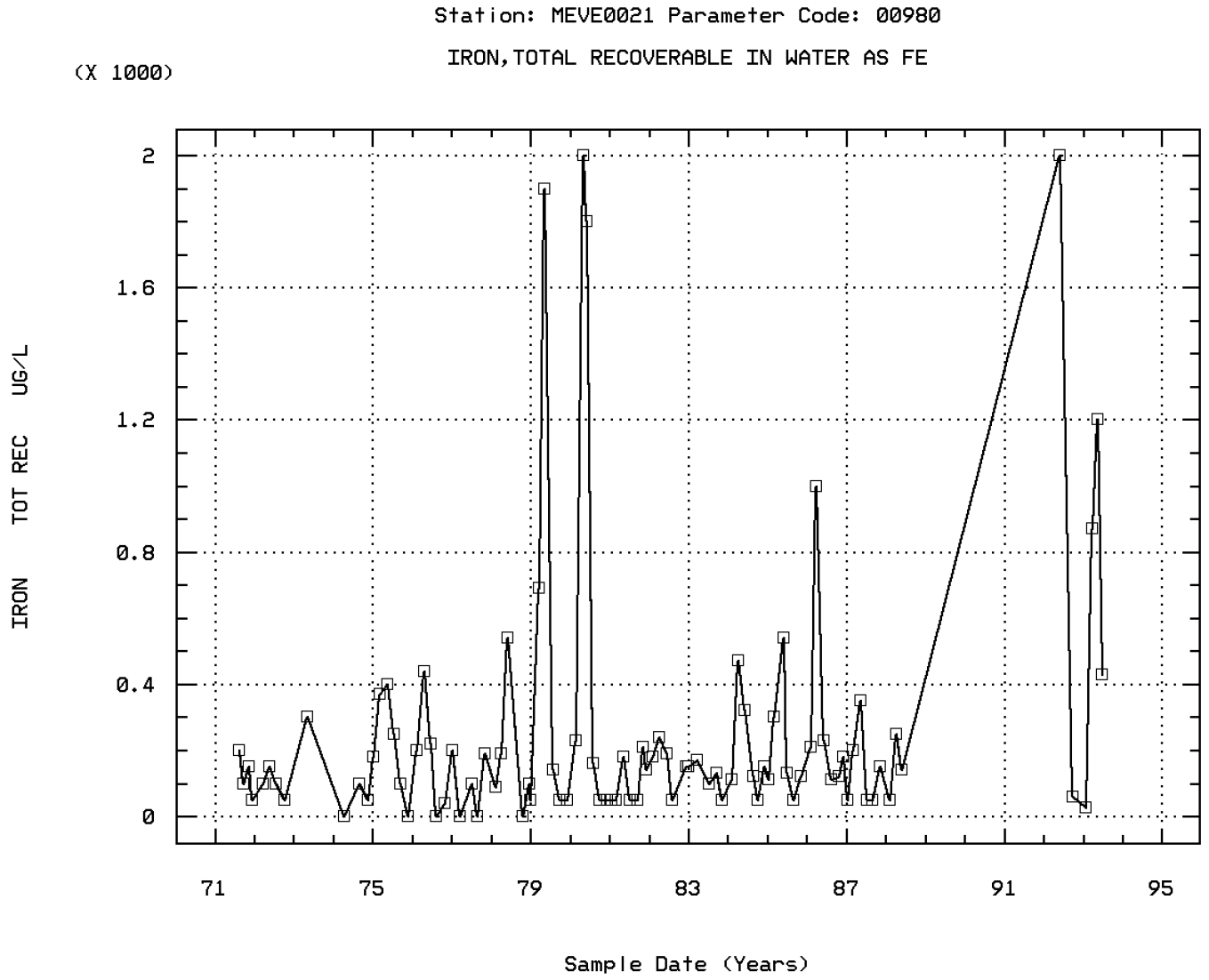
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS



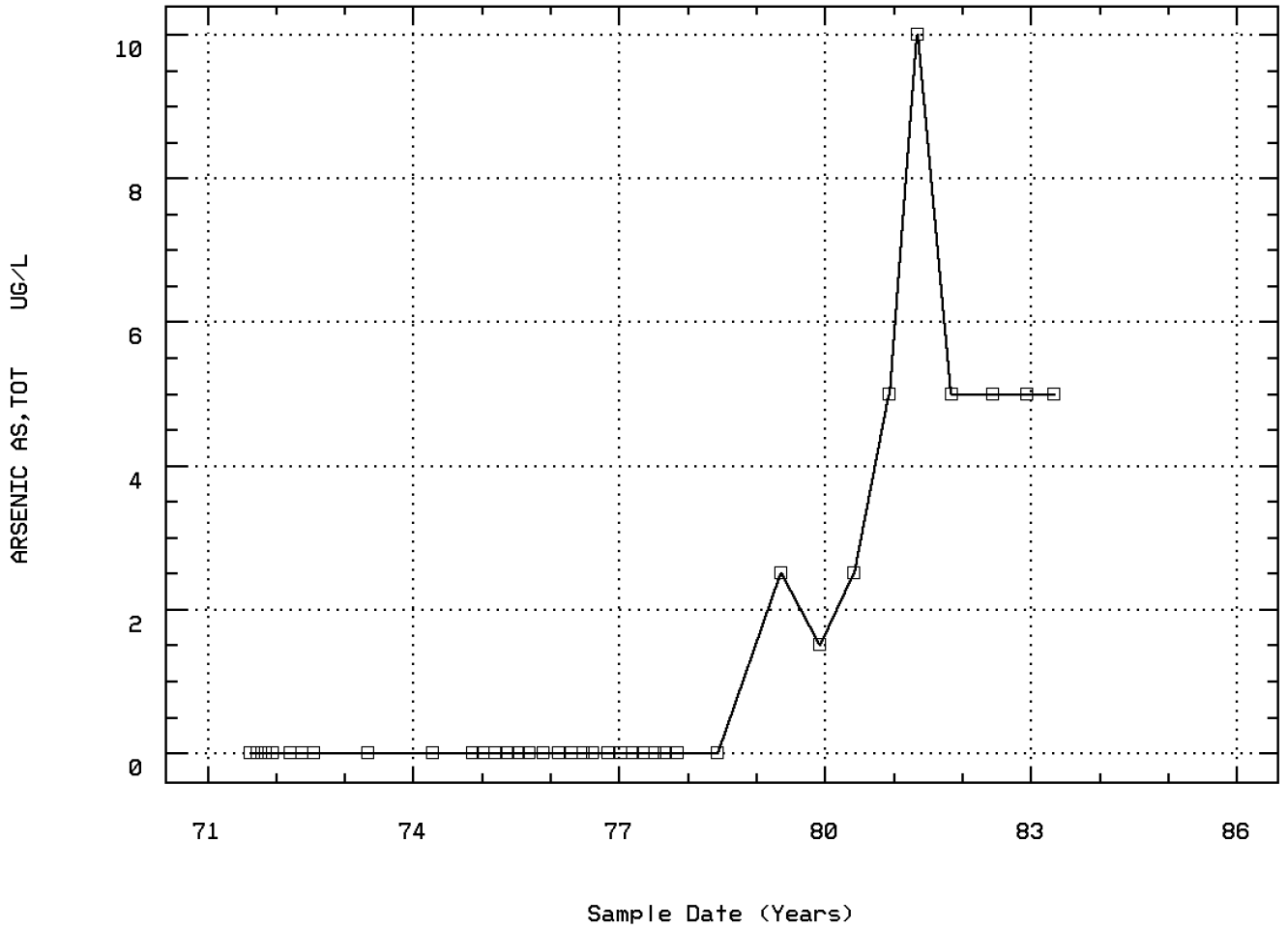
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01002

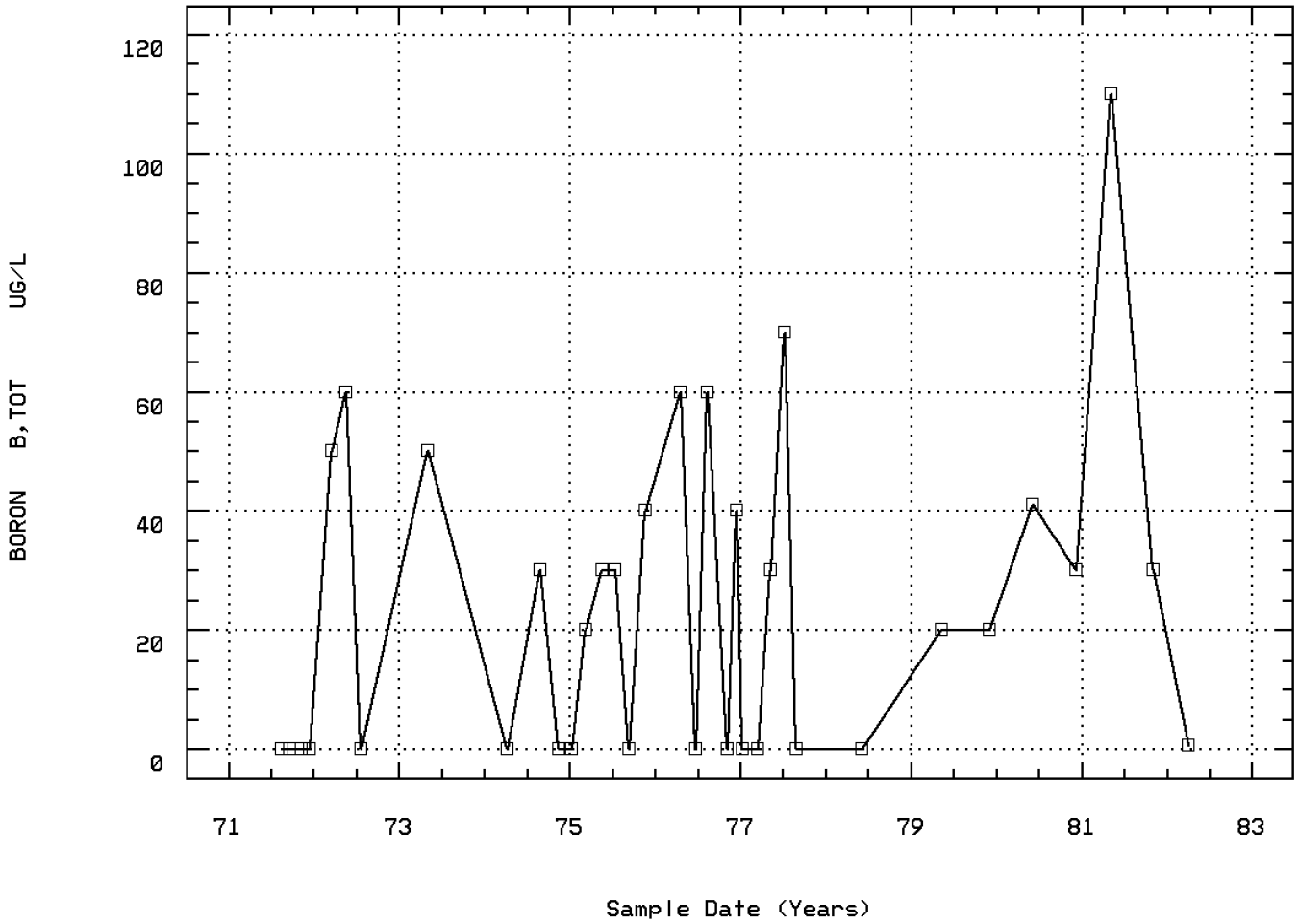
ARSENIC, TOTAL (UG/L AS AS)



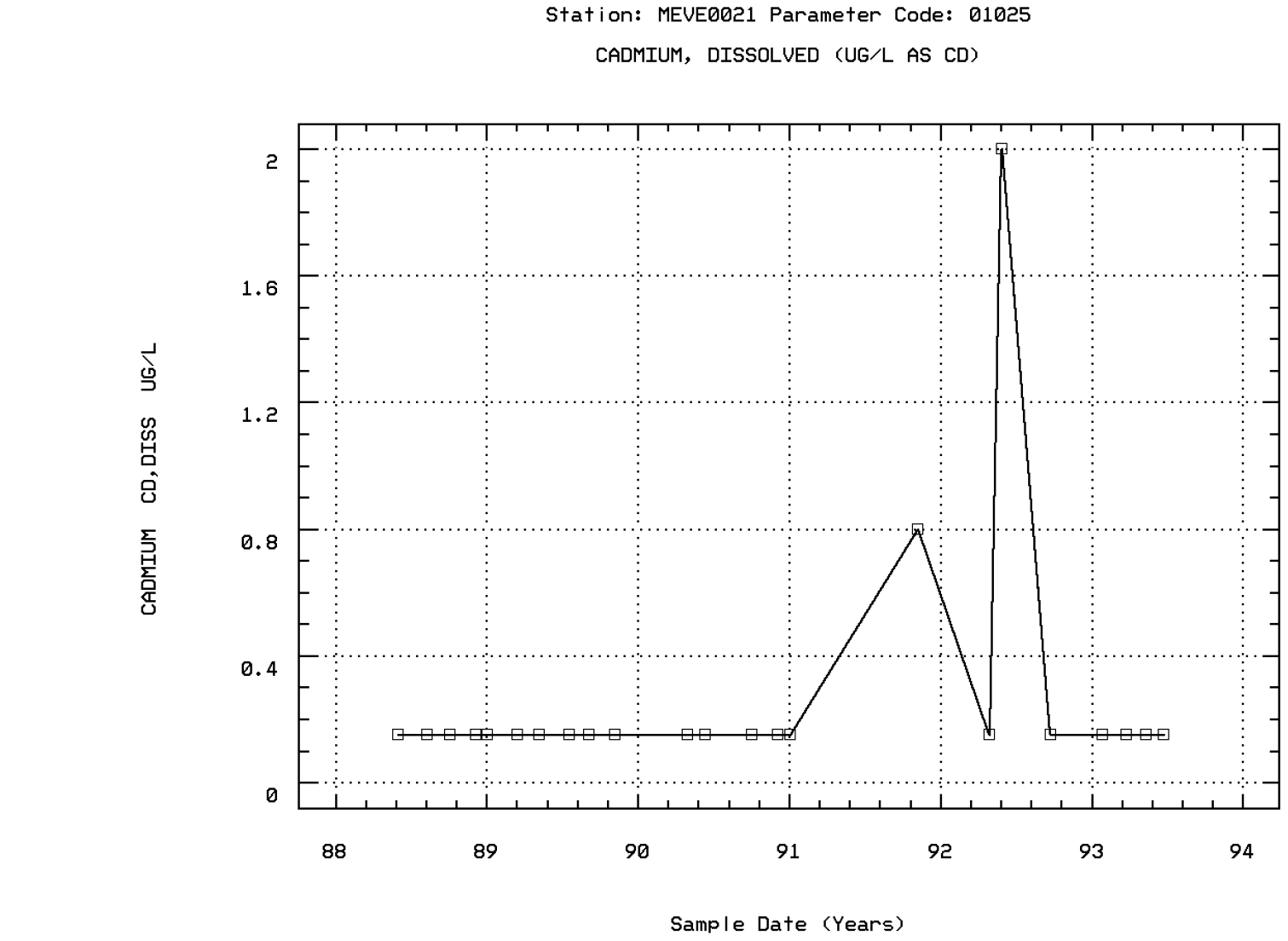
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01022

BORON, TOTAL (UG/L AS B)



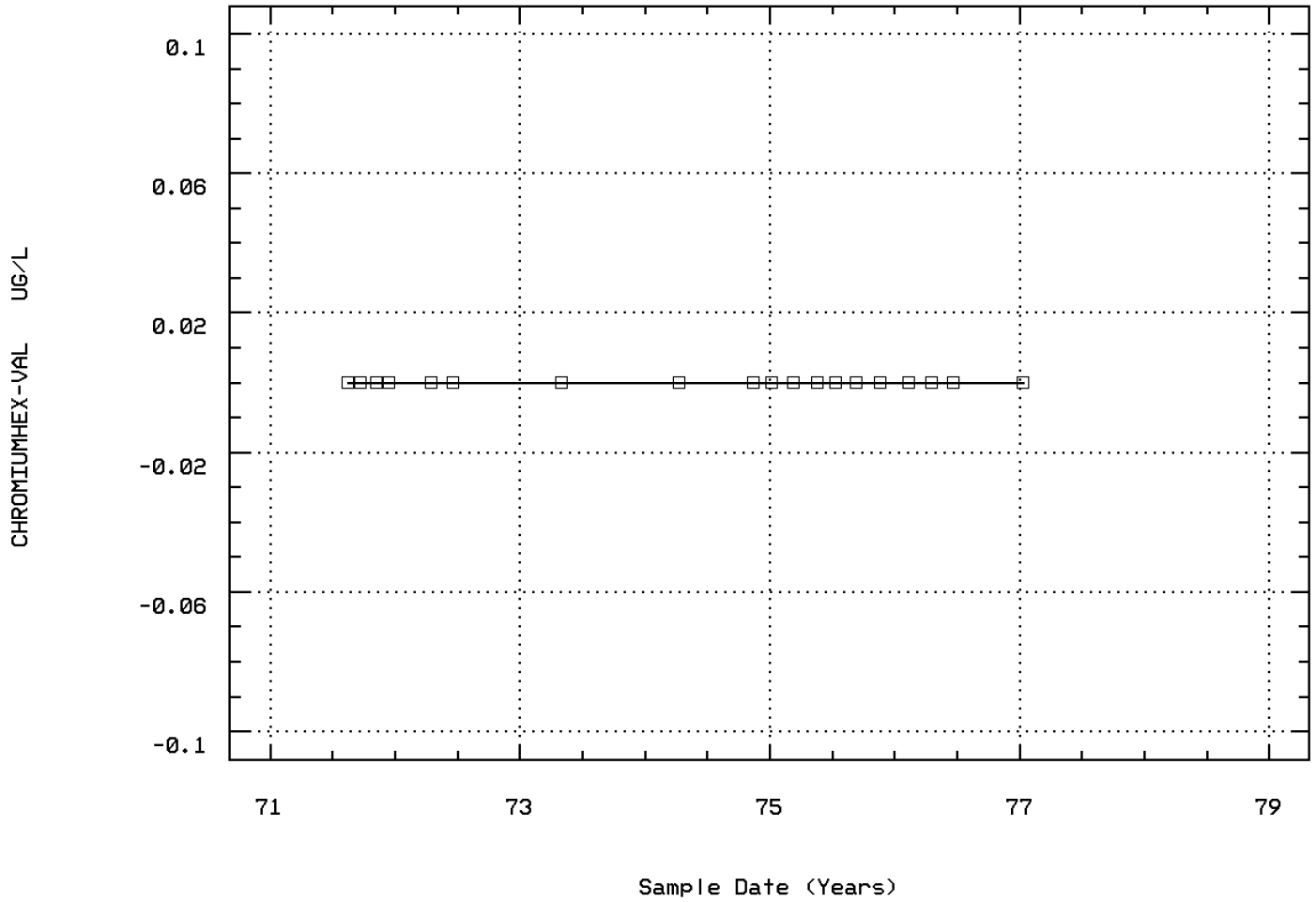
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01032

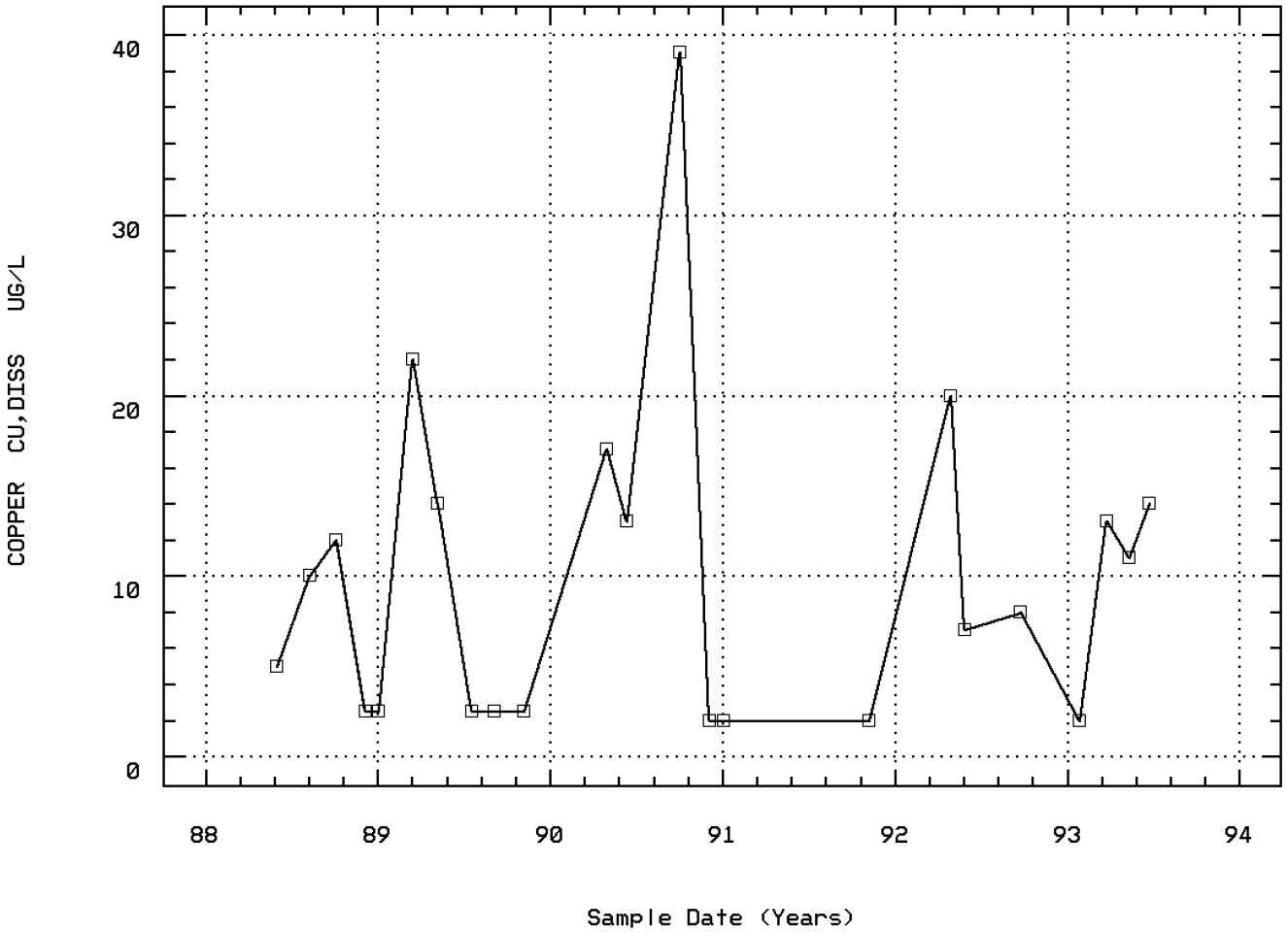
CHROMIUM, HEXAVALENT (UG/L AS CR)



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01040

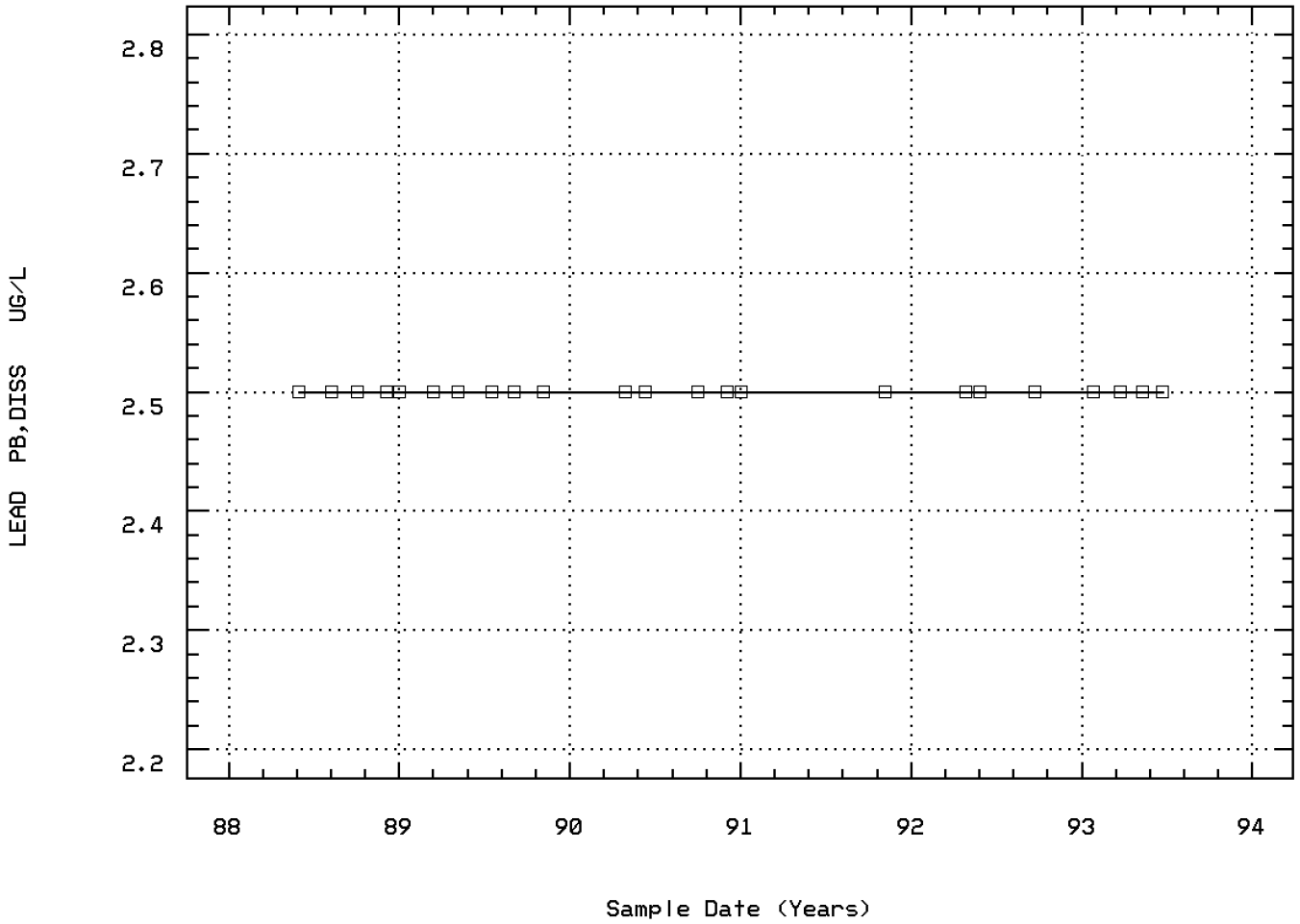
COPPER, DISSOLVED (UG/L AS CU)



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01049

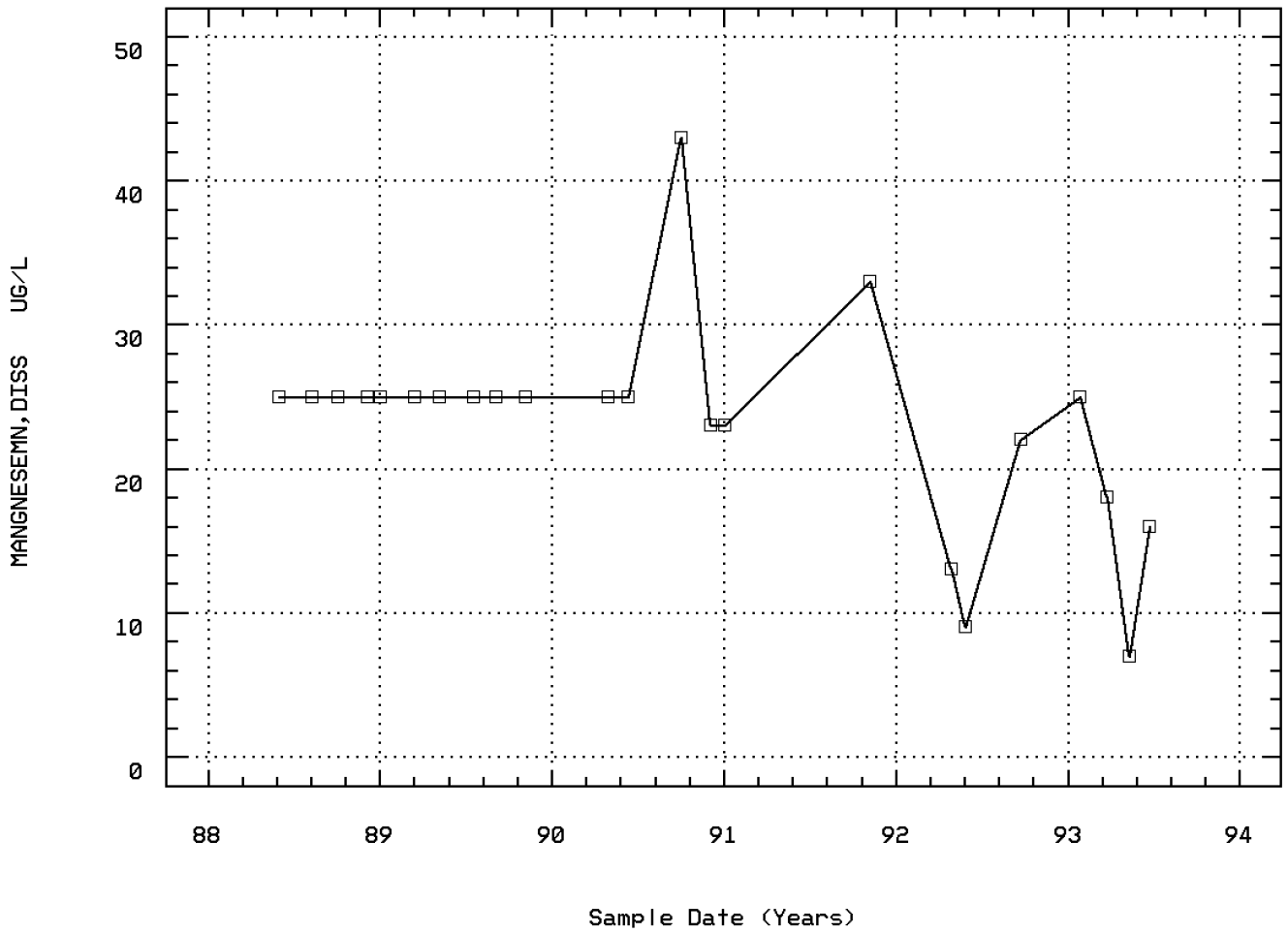
LEAD, DISSOLVED (UG/L AS PB)



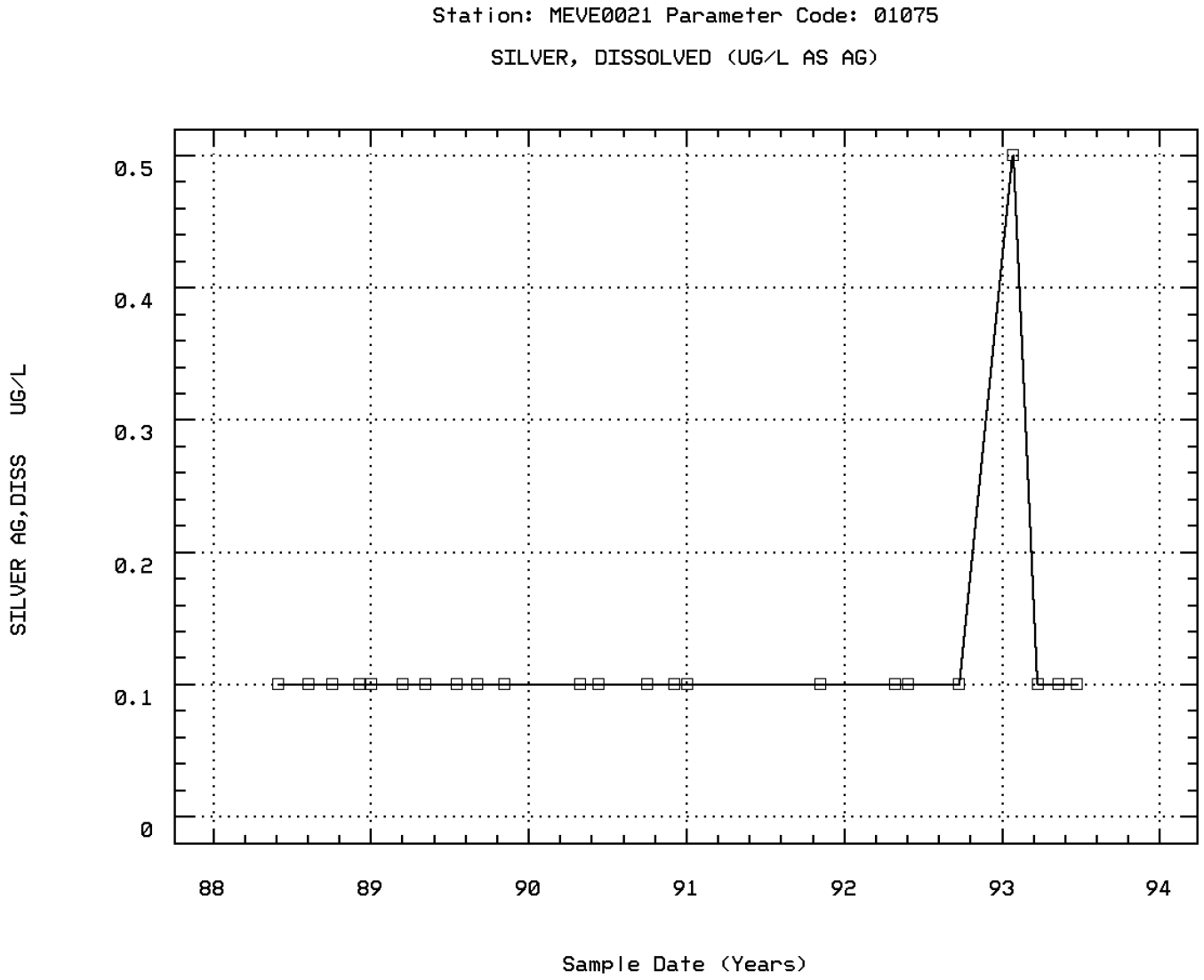
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01056

MANGANESE, DISSOLVED (UG/L AS MN)



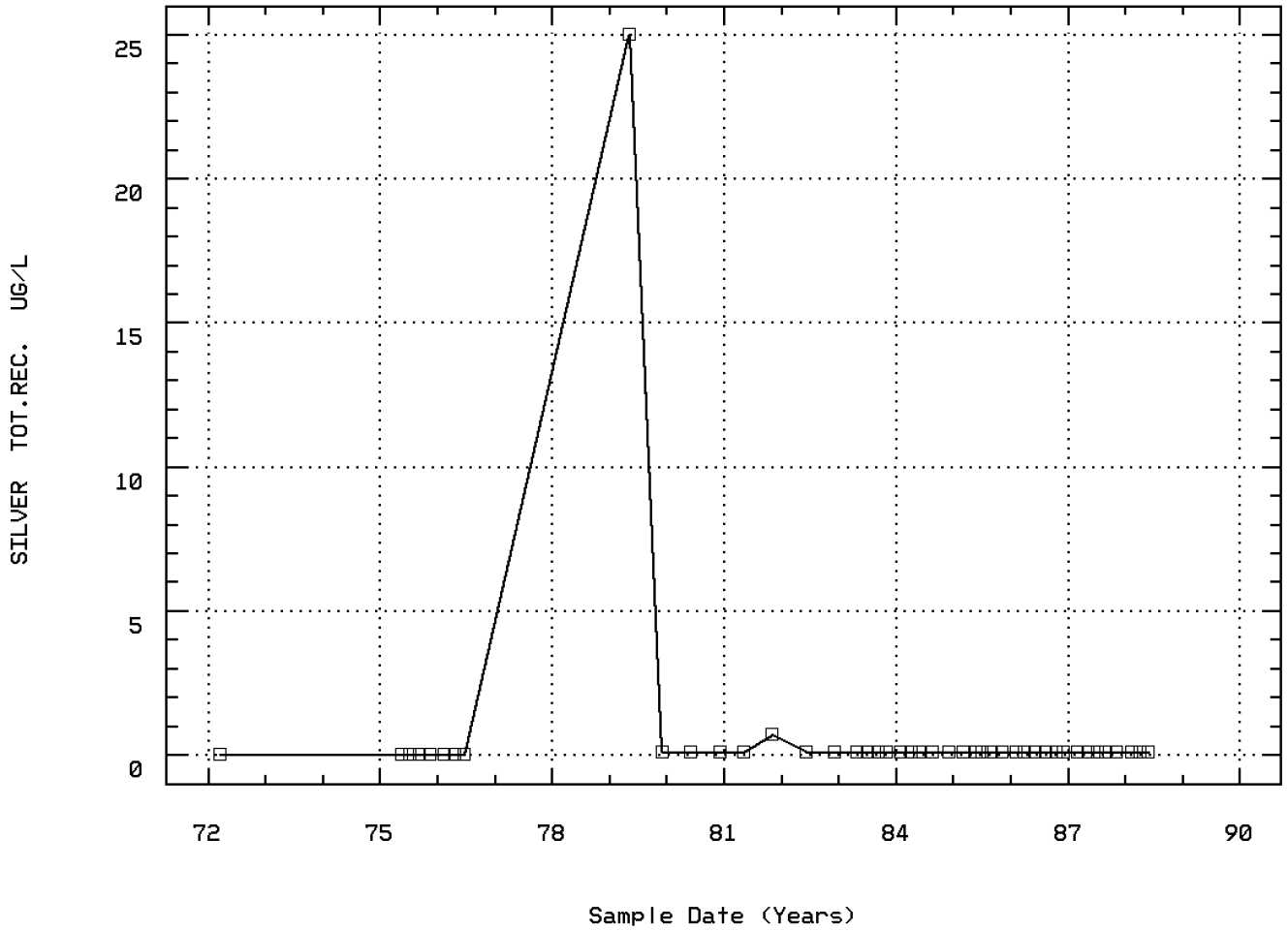
MANCOS RIVER AT MANCOS



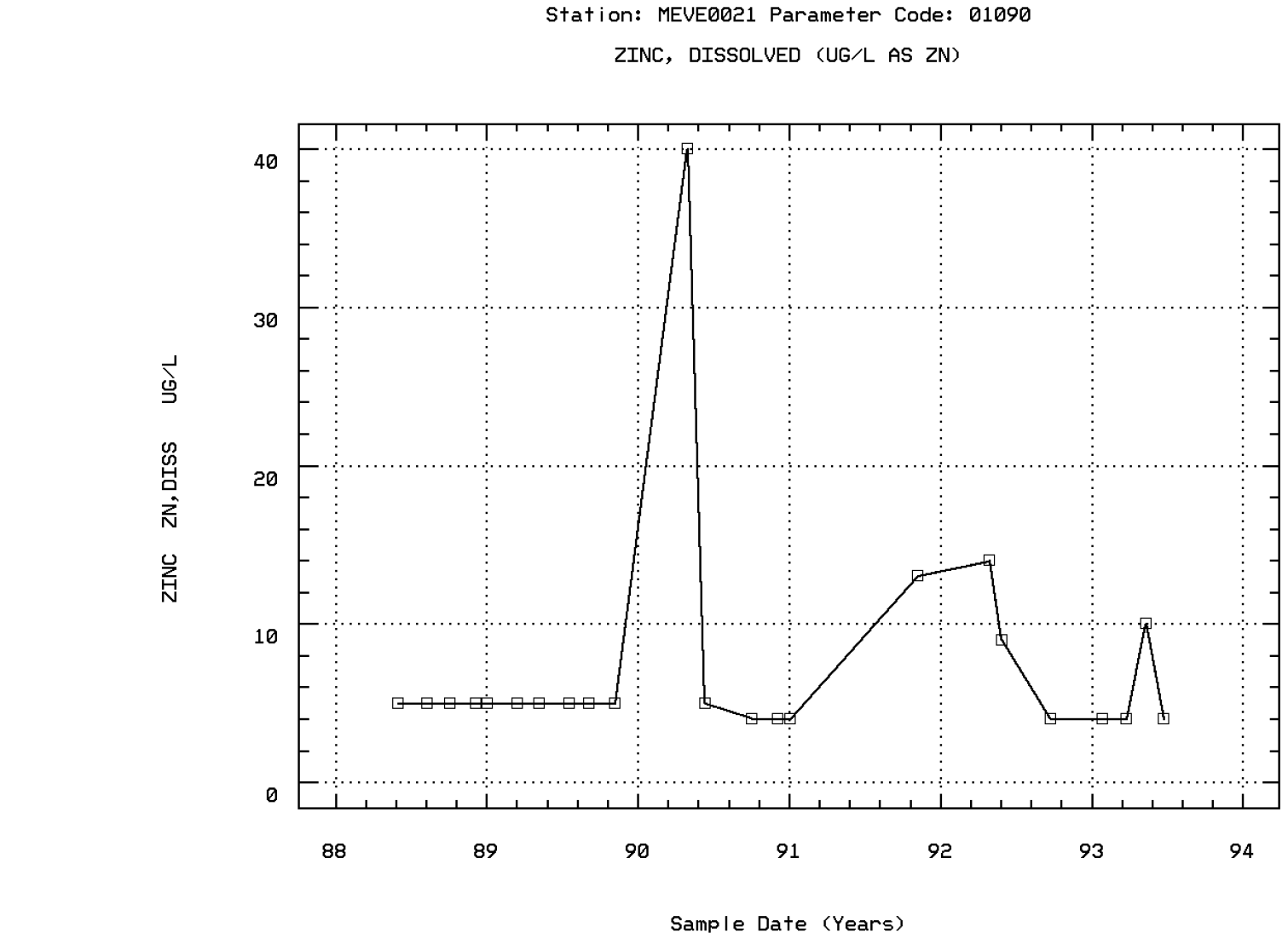
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01079

SILVER,TOTAL RECOVERABLE IN WATER AS AG



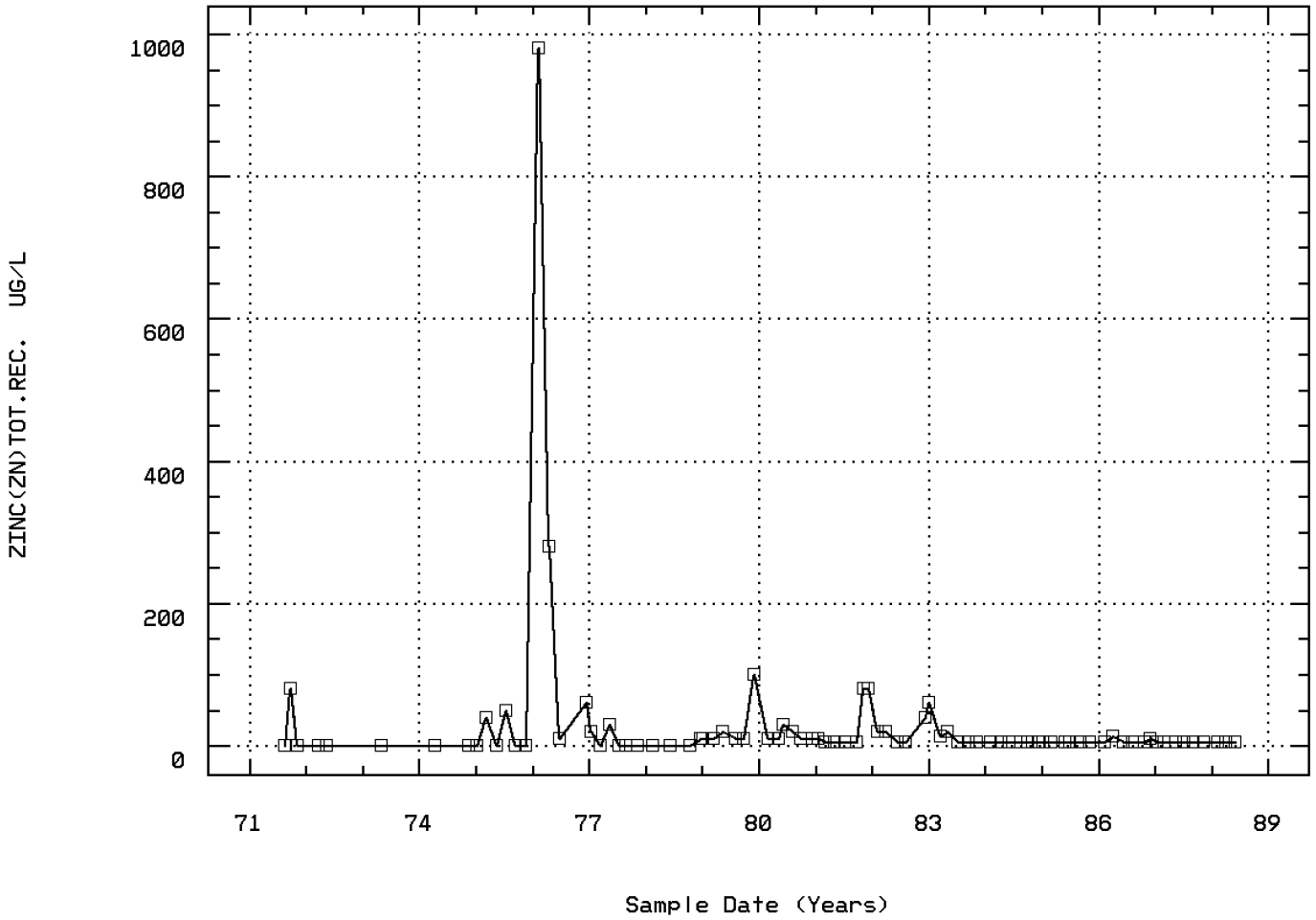
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01094

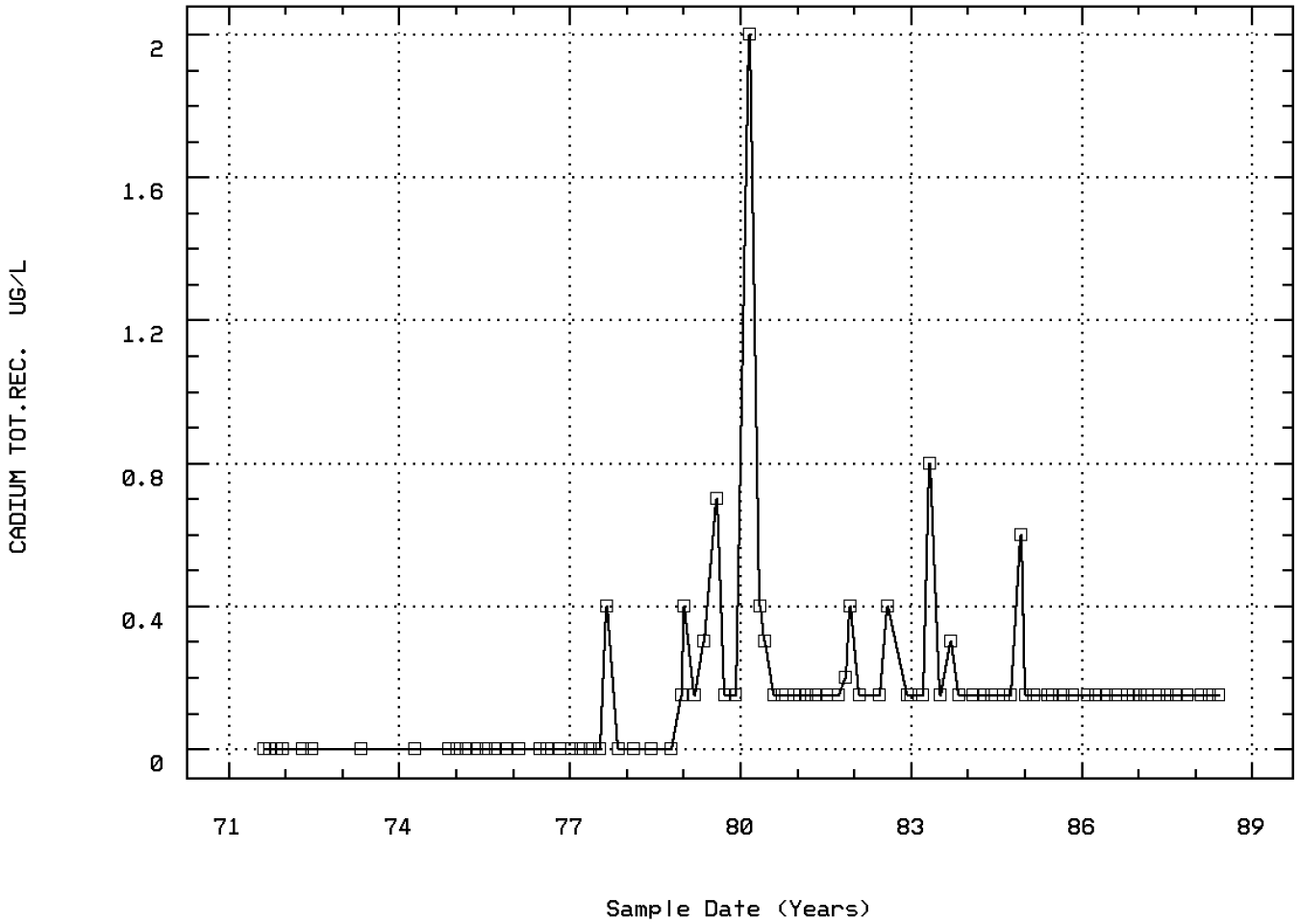
ZINC,TOTAL RECOVERABLE IN WATER AS ZN



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01113

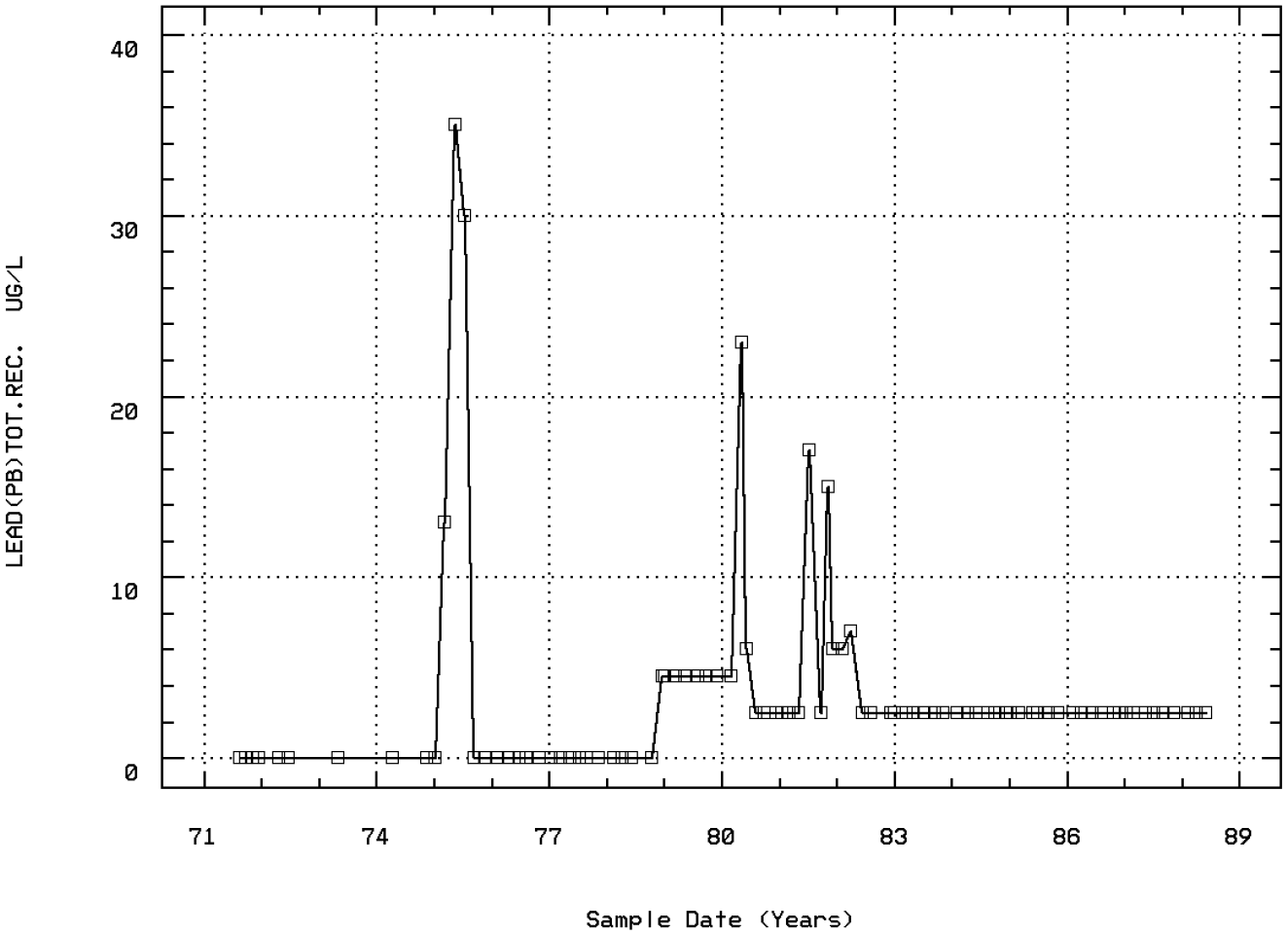
CADMIUM,TOTAL RECOVERABLE IN WATER AS C



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01114

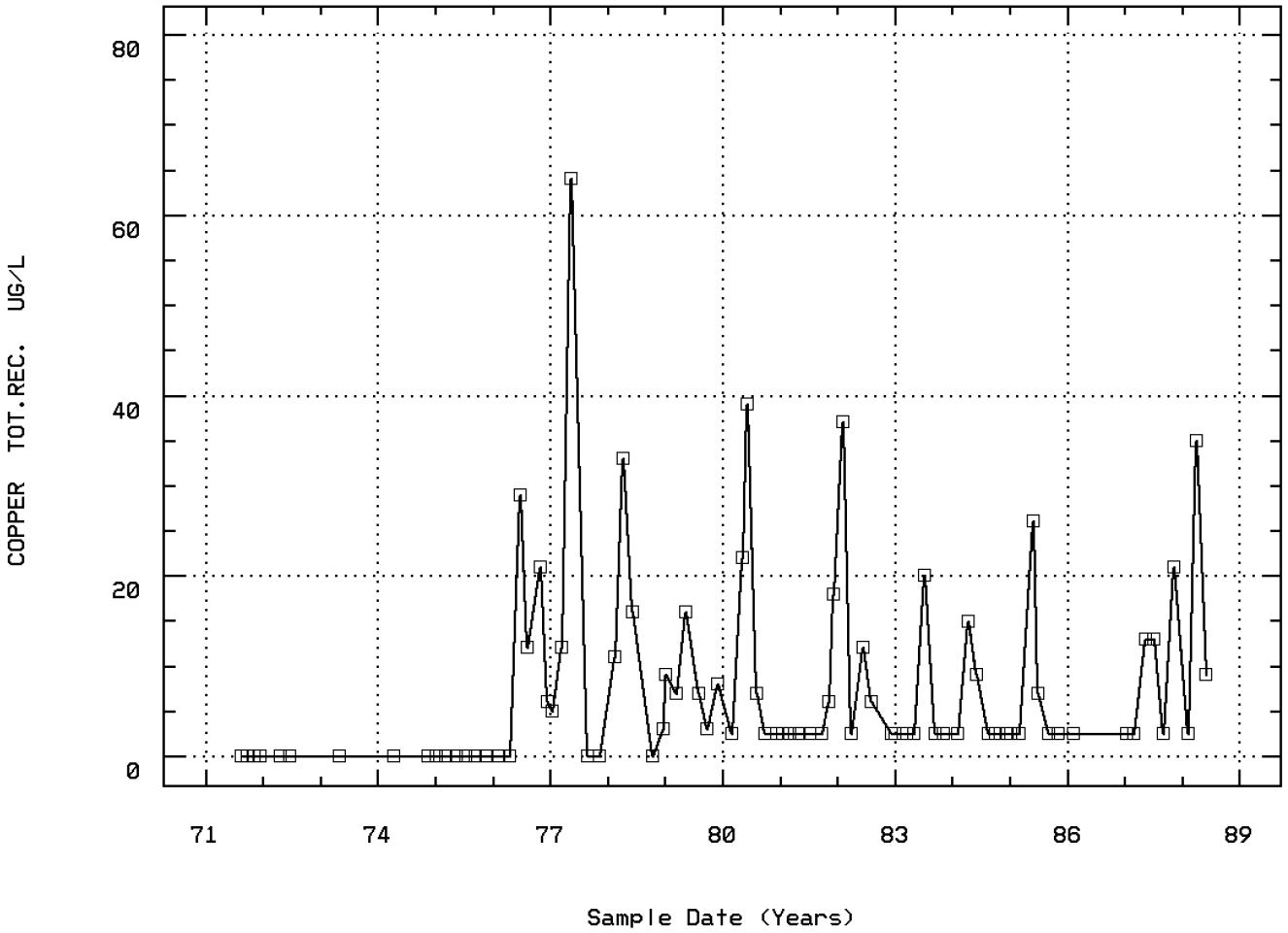
LEAD,TOTAL RECOVERABLE IN WATER AS PB



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01119

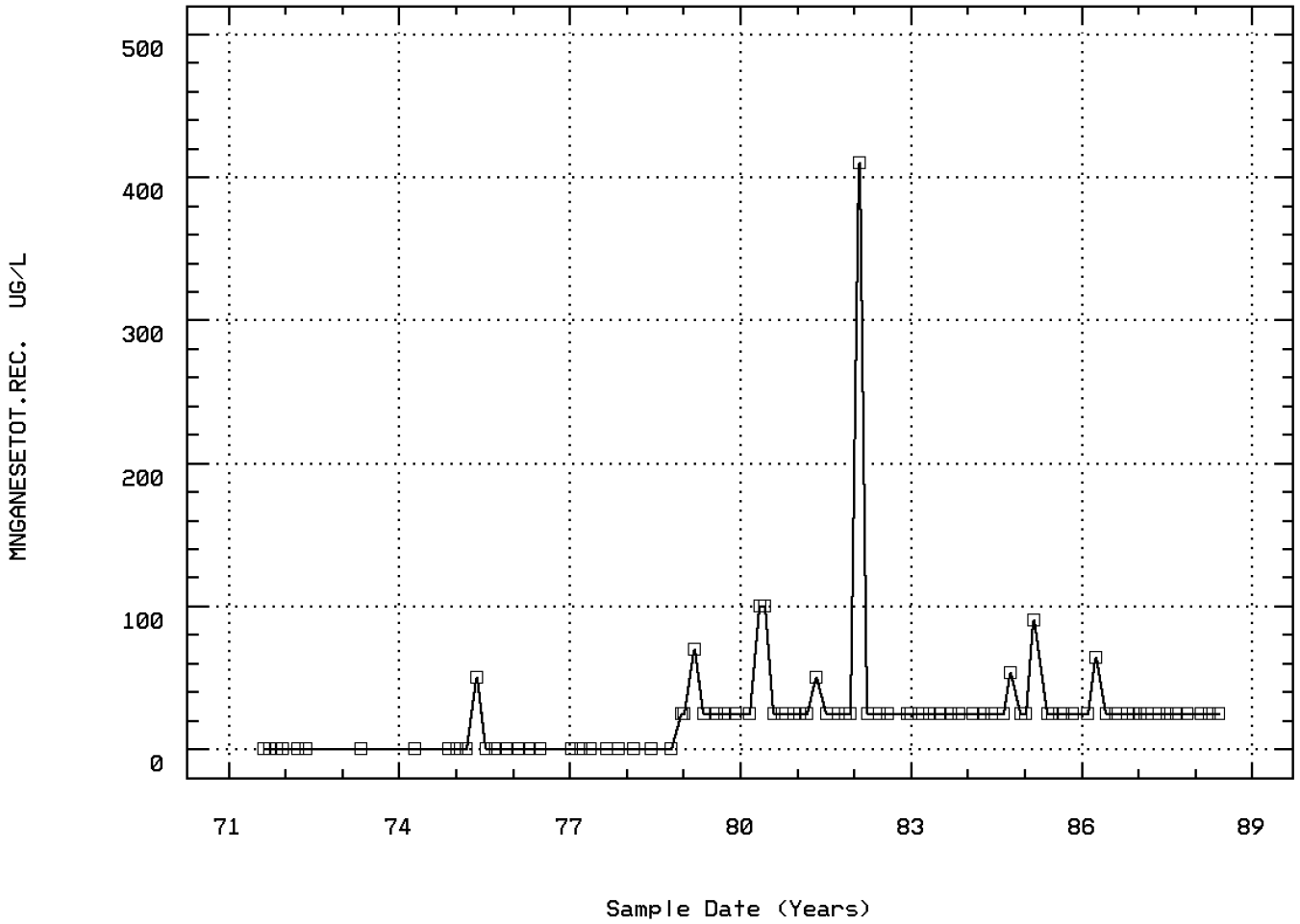
COPPER,TOTAL RECOVERABLE IN WATER AS CU



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01123

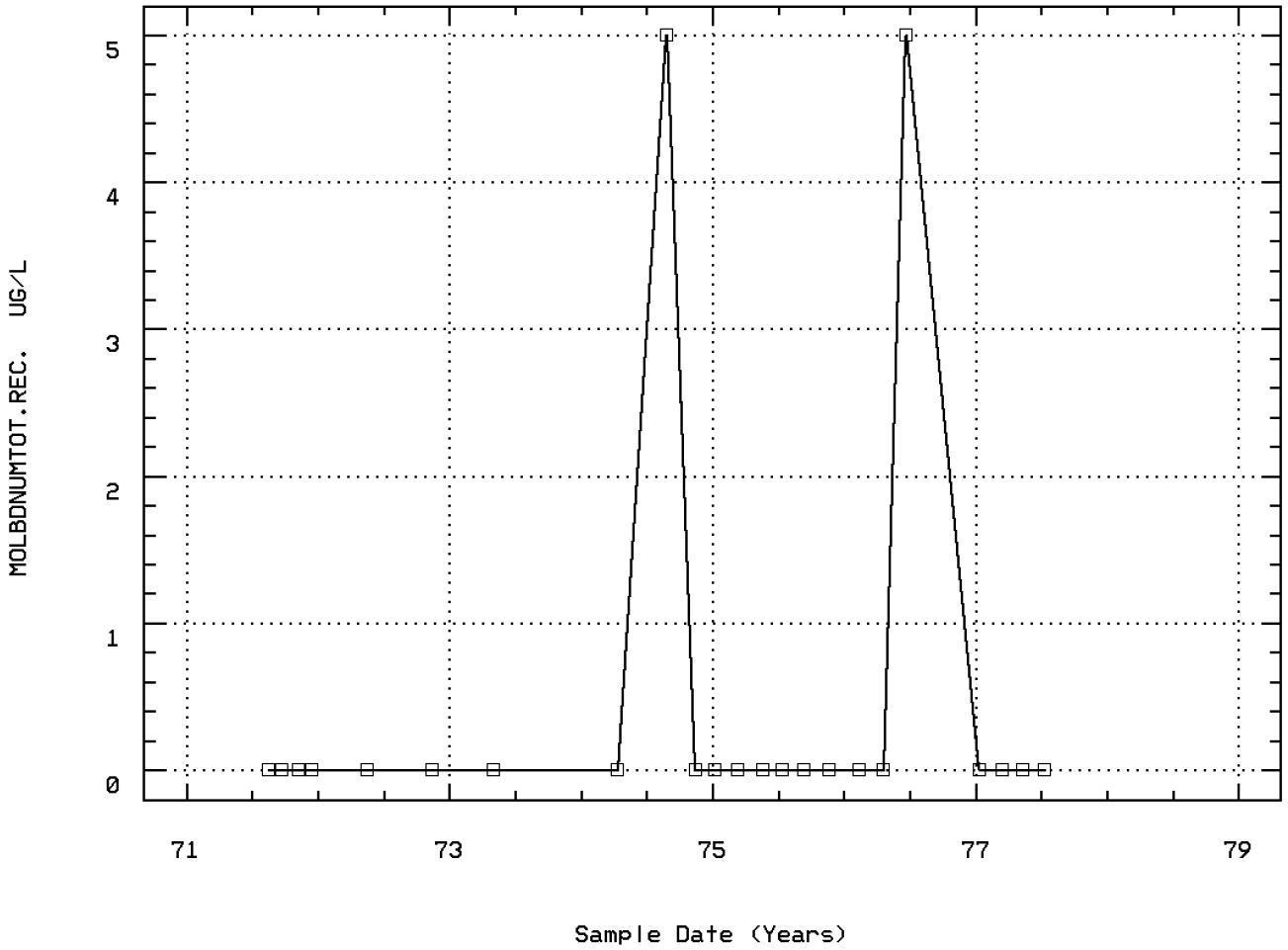
MANGANESE,TOTAL RECOVERABLE IN WATER AS



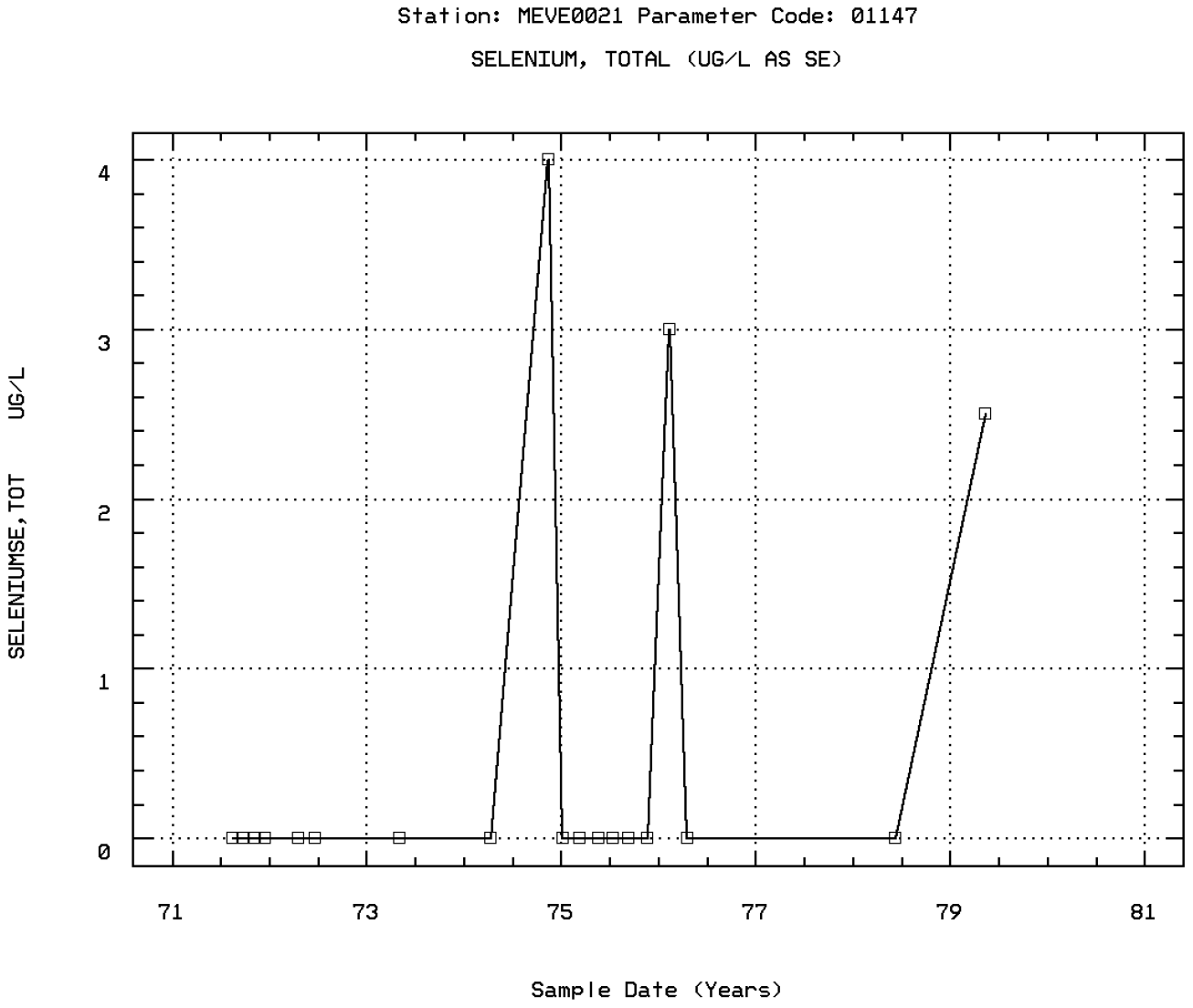
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01129

MOLYBDENUM,TOTAL RECOVERABLE IN WATER A



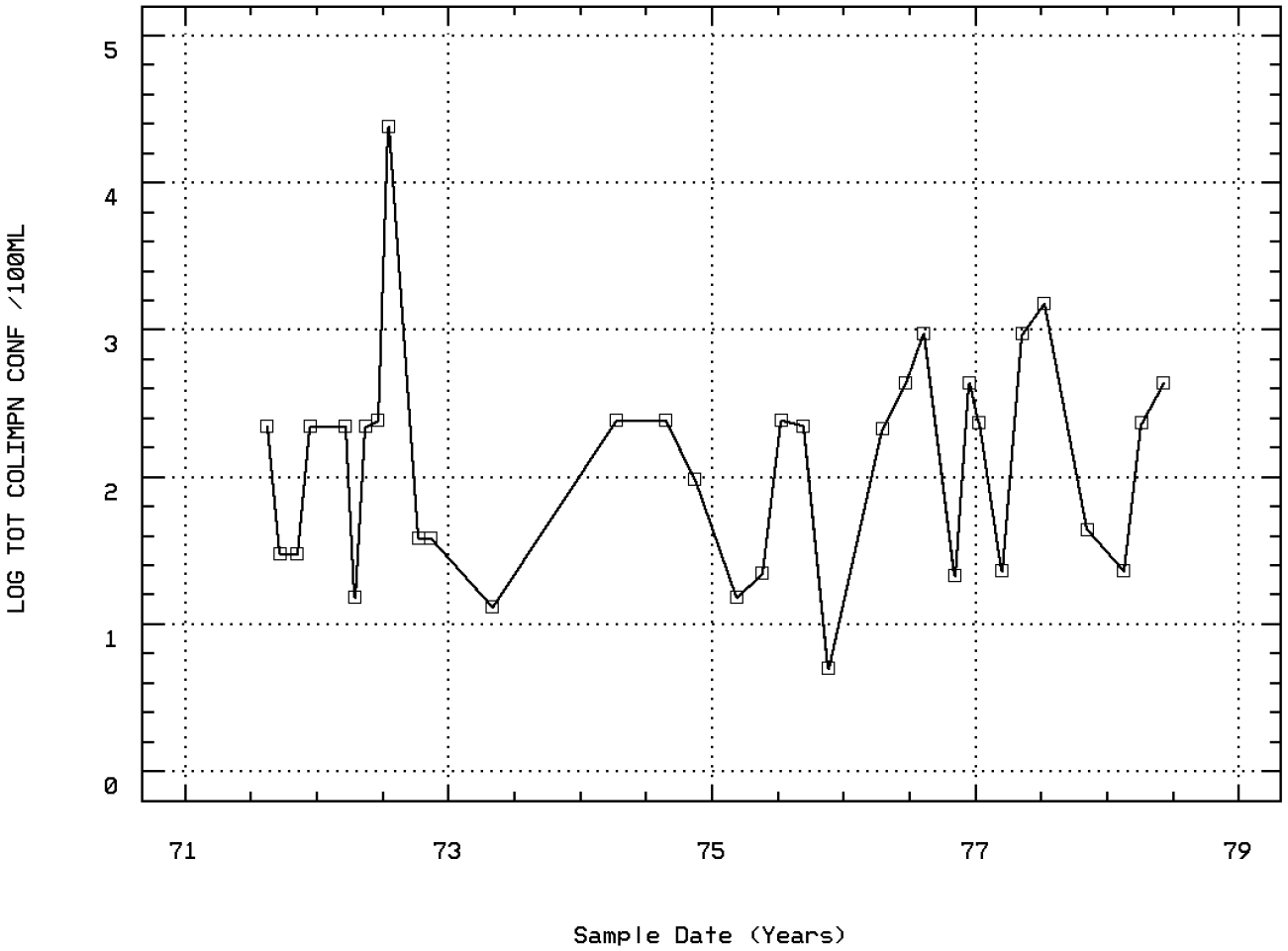
MANCOS RIVER AT MANCOS



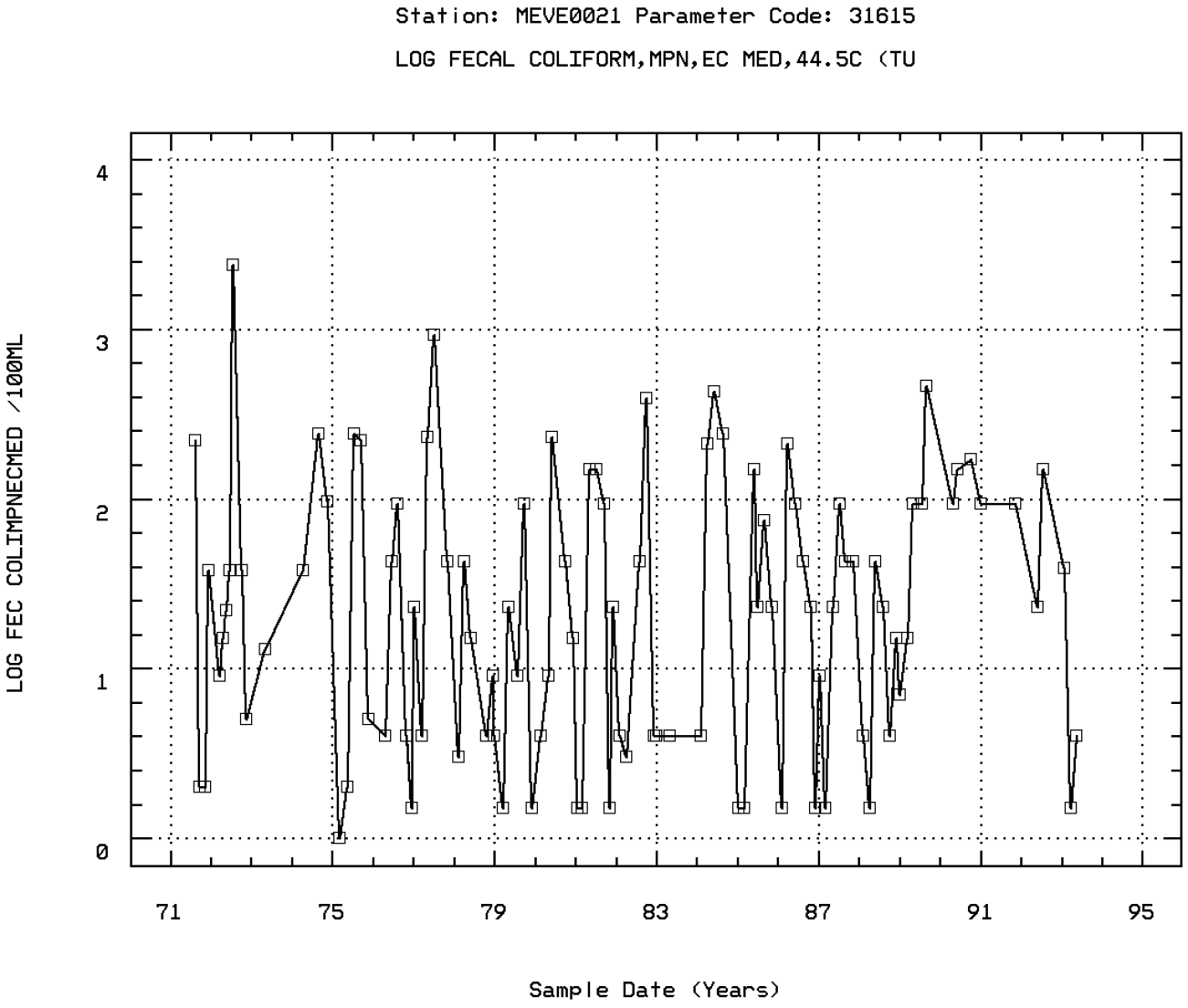
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 31505

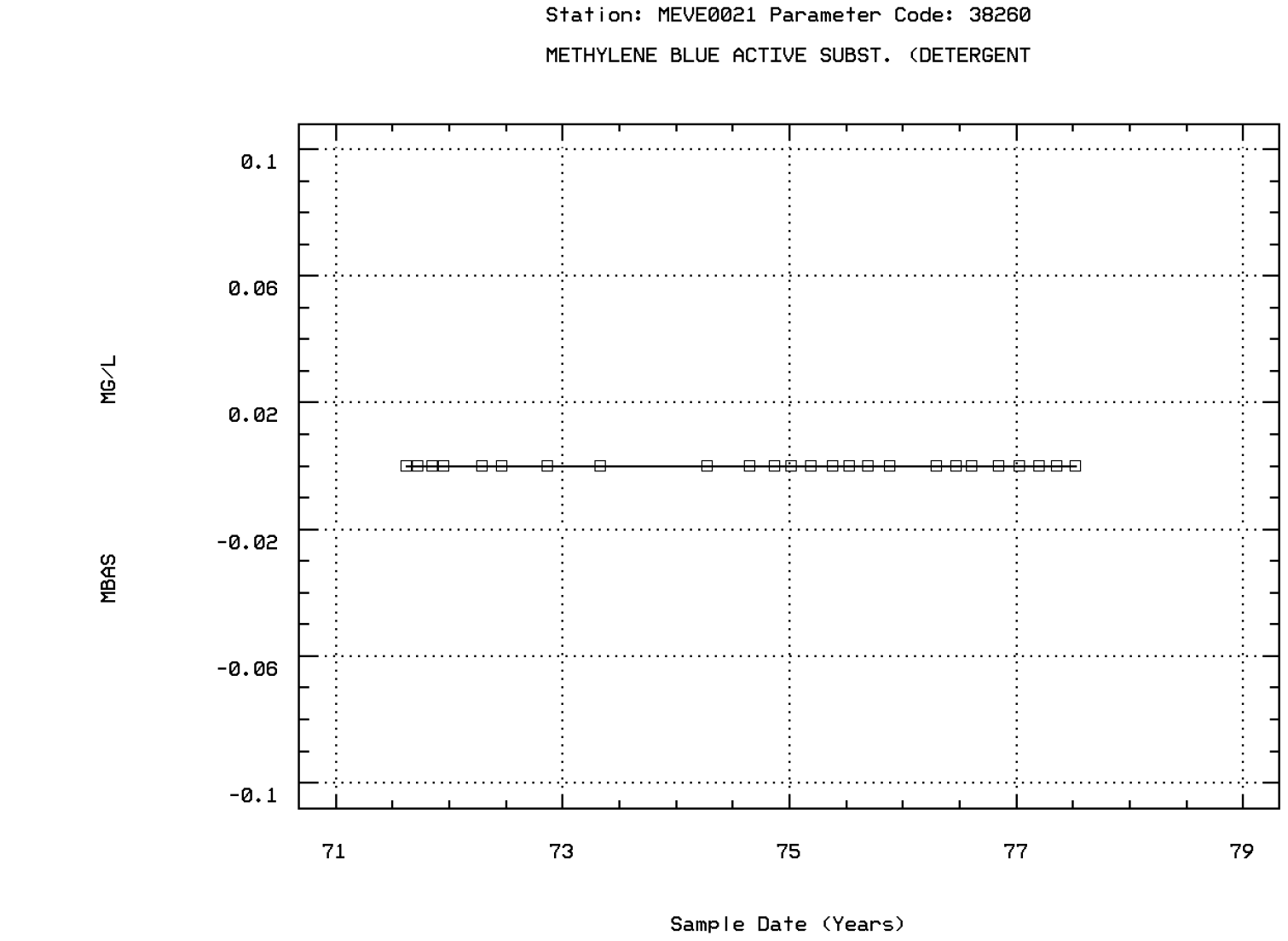
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



MANCOS RIVER AT MANCOS



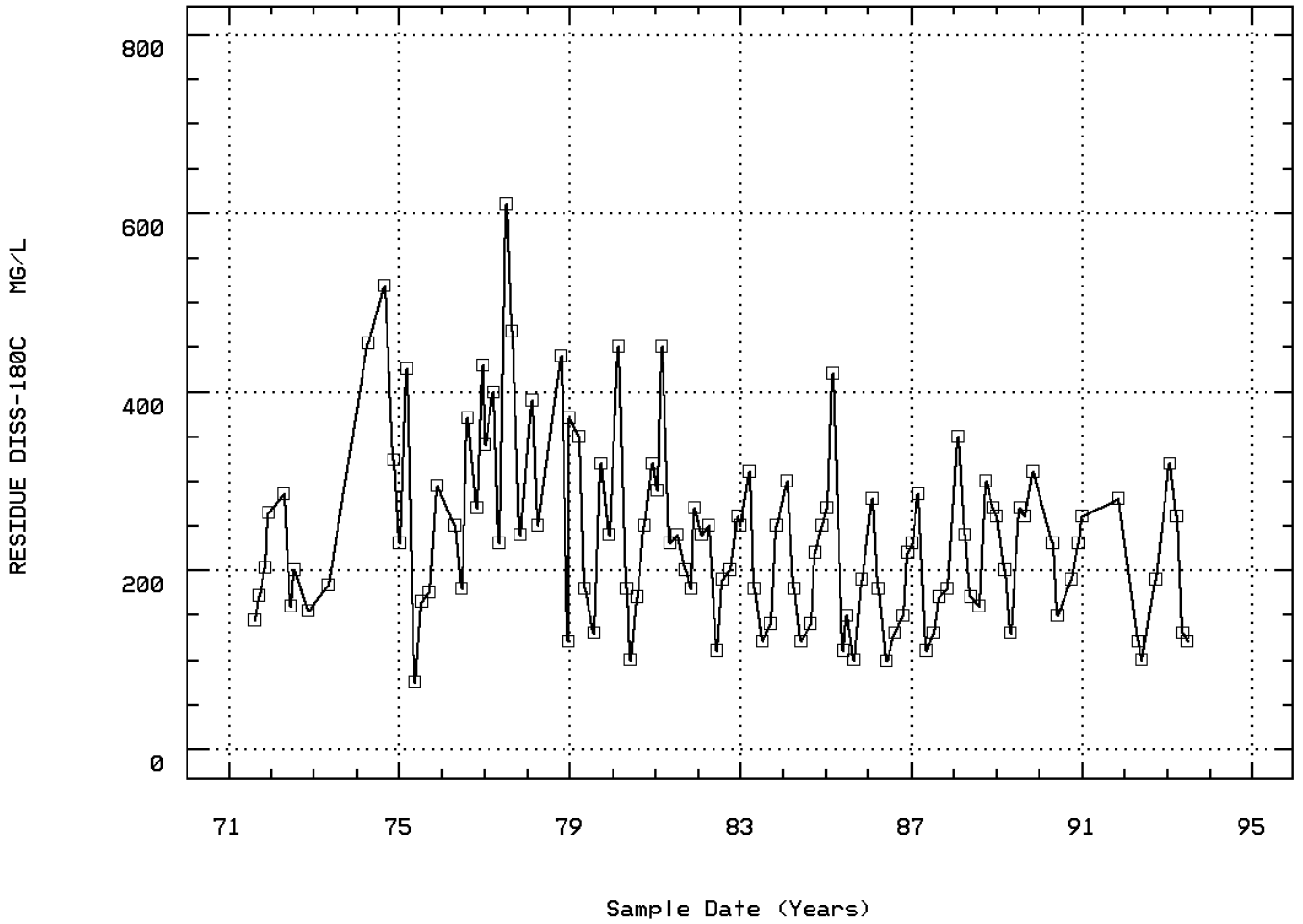
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



MANCOS RIVER AT MANCOS

Seasonal Analysis for Season #1: 7/15 to 10/31 - Station MEVE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/17/71-06/22/93	30	61.6	60.18	74.	43.	61.73	7.857	46.3	53.9	65.	69.72
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/02/79-06/22/93	20	76.	74.7	92.	50.	126.221	11.235	51.8	69.75	83.75	87.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/17/71-06/04/80	10	3.	5.96	26.	0.6	58.112	7.623	0.66	1.275	8.1	24.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/71-04/28/92	26	283.	354.423	770.	220.	23316.494	152.697	224.2	247.5	415.	636.
00300p	OXYGEN, DISSOLVED MG/L	05/02/73-06/22/93	26	8.1	8.162	10.4	6.4	0.822	0.907	7.14	7.6	8.5	9.79
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/17/71-03/15/89	16	0.85	0.763	1.	0.5	0.062	0.25	0.5	0.5	1.	1.
00400p	PH (STANDARD UNITS)	08/17/71-06/22/93	29	8.1	7.997	8.6	6.6	0.2	0.448	7.4	7.8	8.3	8.4
00400p	CONVERTED PH (STANDARD UNITS)	08/17/71-06/22/93	29	8.1	7.66	8.6	6.6	0.318	0.564	7.4	7.8	8.3	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/71-06/22/93	29	0.008	0.022	0.251	0.003	0.002	0.047	0.004	0.005	0.016	0.04
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/78-06/22/93	16	90.	91.125	136.	38.	686.383	26.199	56.2	77.	100.	133.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/71-06/22/93	27 ##	5.	18.778	300.	4.	3226.872	56.806	5.	5.	8.	26.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/71-04/28/92	27 ##	0.05	0.077	0.53	0.	0.017	0.132	0.	0.025	0.05	0.184
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/79-04/28/92	18 ##	0.5	0.528	1.	0.5	0.014	0.118	0.5	0.5	0.5	0.55
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/79-04/28/92	19 ##	0.25	0.229	0.25	0.025	0.004	0.063	0.08	0.25	0.25	0.25
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/74-04/28/92	23 ##	0.025	0.029	0.15	0.	0.001	0.033	0.	0.025	0.025	0.07
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	09/22/71-05/02/83	11 ##	0.003	0.002	0.005	0.	0.	0.002	0.	0.	0.005	0.005
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/71-06/22/93	23	140.	173.435	376.	100.	5809.166	76.218	110.	110.	220.	310.
00910	CALCIUM (MG/L AS CACO3)	08/17/71-12/09/80	10	133.5	156.	288.	84.	4989.111	70.634	84.4	95.5	210.	283.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/71-12/09/80	10	15.5	15.5	33.	5.	80.278	8.96	5.1	7.5	21.25	31.9
00929	SODIUM, TOTAL (MG/L AS NA)	08/17/71-06/04/80	10	10.	11.55	25.	2.5	49.025	7.002	2.75	5.	17.5	24.4
00931	SODIUM ADSORPTION RATIO	08/17/71-06/04/80	9	0.3	0.333	0.6	0.2	0.02	0.141	0.2	0.2	0.45	0.6
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/71-06/04/80	10	6.	6.4	10.	4.	3.156	1.776	4.	5.5	7.25	9.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/17/71-06/22/93	27	47.	71.704	241.	3.	2907.447	53.921	29.2	40.	89.	159.4
00980p	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/17/71-06/22/93	23	58.	79.913	200.	0.	2703.81	51.998	0.	50.	120.	152.
01079p	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/20/72-06/01/88	7 ##	0.1	0.086	0.1	0.	0.001	0.038	**	**	**	**
01094p	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/17/71-06/01/88	18 ##	5.	9.722	80.	0.	330.801	18.188	0.	3.75	10.	26.
01113p	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/17/71-06/01/88	19 ##	0.15	0.174	0.7	0.	0.031	0.175	0.	0.	0.15	0.4
01114p	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/17/71-06/01/88	19 ##	2.5	1.921	4.5	0.	2.174	1.474	0.	0.	2.5	4.5
01119p	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/17/71-06/01/88	17	2.5	3.088	12.	0.	10.539	3.246	0.	0.	4.5	8.
01123p	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/17/71-06/01/88	18 ##	25.	19.611	53.	0.	199.193	14.114	0.	0.	25.	27.8
01147	SELENIUM, TOTAL (UG/L AS SE)	08/17/71-11/05/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	25	93.	208.48	2400.	2.	222947.427	472.173	4.	30.5	220.	418.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	25	1.968	1.821	3.38	0.301	0.497	0.705	0.602	1.471	2.342	2.62
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			66.26								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/71-06/22/93	28	190.	227.393	518.	100.	11555.21	107.495	130.	152.5	267.5	442.8

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

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station MEVE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/17/71-06/22/93	37	34.5	36.949	52.	32.	31.51	5.613	32.	33.	39.	46.8
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/02/79-06/22/93	26	37.5	38.192	61.	10.	161.442	12.706	19.7	30.75	47.	58.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/17/71-06/04/80	13	2.4	3.085	9.2	0.7	5.54	2.354	0.82	1.35	4.45	7.76
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/71-04/28/92	34	387.5	399.647	650.	200.	8739.266	93.484	285.	339.75	444.5	545.
00300p	OXYGEN, DISSOLVED MG/L	05/02/73-06/22/93	34	11.2	10.991	12.9	8.	1.198	1.094	9.5	10.25	11.8	12.35
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/17/71-03/15/89	22	1.15	1.468	2.5	1.	0.275	0.524	1.	1.	2.	2.
00400p	PH (STANDARD UNITS)	08/17/71-06/22/93	36	7.9	7.794	8.8	6.2	0.282	0.531	7.07	7.625	8.1	8.3
00400p	CONVERTED PH (STANDARD UNITS)	08/17/71-06/22/93	36	7.9	7.34	8.8	6.2	0.494	0.703	7.07	7.625	8.1	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/71-06/22/93	36	0.013	0.046	0.631	0.002	0.013	0.114	0.005	0.008	0.024	0.086
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/78-06/22/93	25	112.	110.8	170.	37.	522.75	22.864	88.8	100.	123.	128.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/71-06/22/93	38 ##	5.	7.974	46.	0.	60.134	7.755	5.	5.	10.	18.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/71-04/28/92	36 ##	0.05	0.051	0.26	0.	0.003	0.052	0.	0.029	0.05	0.08
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/79-04/28/92	25 ##	0.5	0.52	1.	0.5	0.01	0.1	0.5	0.5	0.5	0.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/79-04/28/92	25 ##	0.25	0.316	1.4	0.003	0.077	0.277	0.16	0.25	0.25	0.712
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/74-04/28/92	32 ##	0.025	0.025	0.07	0.	0.	0.013	0.005	0.025	0.025	0.044
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	09/22/71-05/02/83	19 ##	0.003	0.002	0.005	0.	0.	0.002	0.	0.	0.005	0.005

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

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station MEVE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/71-06/22/93	32	205.	219.656	340.	140.	2641.201	51.393	157.9	190.	255.	298.2
00910	CALCIUM (MG/L AS CACO3)	08/17/71-12/09/80	15	162.	177.2	232.	122.	1417.457	37.649	132.8	143.	220.	230.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/71-12/09/80	15	16.	16.067	26.	9.	28.495	5.338	9.6	12.	21.	24.2
00929	SODIUM, TOTAL (MG/L AS NA)	08/17/71-06/04/80	15	11.	12.067	22.	1.	32.781	5.725	3.4	8.	16.	20.8
00931	SODIUM ADSORPTION RATIO	08/17/71-06/04/80	14	0.4	0.6	4.	0.	0.978	0.989	0.1	0.275	0.425	2.3
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/71-06/04/80	14	6.	6.429	10.	3.	5.033	2.243	3.	5.	9.	9.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/17/71-06/22/93	38	96.5	105.789	210.	9.	1434.279	37.872	65.9	85.	122.5	151.
00980p	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/17/71-06/22/93	32	115.	116.094	230.	0.	4407.636	66.39	43.	50.	180.	207.
01079p	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/20/72-06/01/88	15 ##	0.1	0.187	1.	0.	0.077	0.277	0.	0.1	0.1	0.82
01094p	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/17/71-06/01/88	30	7.5	51.5	980.	0.	31519.224	177.537	0.	5.	25.	80.
01113p	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/17/71-06/01/88	31 ##	0.15	0.194	2.	0.	0.131	0.361	0.	0.	0.15	0.4
01114p	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/17/71-06/01/88	31 ##	2.5	2.581	15.	0.	8.635	2.939	0.	0.	2.5	5.7
01119p	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/17/71-06/01/88	31	2.5	5.726	37.	0.	67.064	8.189	0.	2.5	6.	20.4
01123p	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/17/71-06/01/88	30 ##	25.	30.333	410.	0.	5275.747	72.634	0.	0.	25.	25.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/17/71-11/05/81	9	1.	1.111	4.	0.	2.111	1.453	0.	0.	2.	4.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	34	4.5	18.426	96.	1.5	729.926	27.017	1.5	2.75	23.	68.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	34	0.651	0.876	1.982	0.176	0.341	0.584	0.176	0.433	1.362	1.801
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.511								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/71-06/22/93	39	265.	271.256	450.	120.	4728.775	68.766	180.	230.	310.	370.

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

Seasonal Analysis for Season #3: 3/01 to 5/09 - Station MEVE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/17/71-06/22/93	25	41.	41.128	57.	33.	32.295	5.683	34.	36.75	43.5	49.4
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/02/79-06/22/93	15	46.	48.733	80.	25.	217.924	14.762	31.	38.	60.	74.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/17/71-06/04/80	8	10.	27.188	120.	0.6	1622.213	40.277	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/71-04/28/92	22	370.	379.182	660.	160.	21077.584	145.181	175.	270.	480.	604.6
00300p	OXYGEN, DISSOLVED MG/L	05/02/73-06/22/93	23	10.5	10.278	11.4	8.4	0.719	0.848	8.78	9.8	10.9	11.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/17/71-03/15/89	14	1.	1.279	2.	0.5	0.325	0.57	0.5	1.	2.	2.
00400p	PH (STANDARD UNITS)	08/17/71-06/22/93	23	7.9	7.848	8.7	6.8	0.245	0.495	7.14	7.5	8.2	8.46
00400p	CONVERTED PH (STANDARD UNITS)	08/17/71-06/22/93	23	7.9	7.565	8.7	6.8	0.329	0.574	7.14	7.5	8.2	8.46
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/71-06/22/93	23	0.013	0.027	0.158	0.002	0.001	0.037	0.003	0.006	0.032	0.073
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/78-06/22/93	14	86.	92.143	136.	60.	646.44	25.425	60.	71.	114.	134.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/71-06/22/93	24	20.	40.25	300.	5.	3775.239	61.443	5.	10.25	49.75	94.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/71-04/28/92	23 ##	0.05	0.125	1.5	0.	0.093	0.305	0.	0.05	0.05	0.216
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/79-04/28/92	15 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/79-04/28/92	15 ##	0.25	0.235	0.25	0.025	0.003	0.058	0.16	0.25	0.25	0.25
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/74-04/28/92	20 ##	0.025	0.052	0.33	0.	0.005	0.074	0.	0.025	0.058	0.143
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	09/22/71-05/02/83	14	0.001	0.004	0.02	0.	0.	0.006	0.	0.	0.005	0.015
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/71-06/22/93	19	160.	184.421	320.	75.	5991.368	77.404	79.	130.	240.	314.
00910	CALCIUM (MG/L AS CACO3)	08/17/71-12/09/80	9	140.	159.333	248.	92.	3427.	58.541	92.	102.	215.	248.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/71-12/09/80	9	10.	12.667	24.	6.	42.75	6.538	6.	8.	18.5	24.
00929	SODIUM, TOTAL (MG/L AS NA)	08/17/71-06/04/80	9	13.	14.333	30.	5.	78.75	8.874	5.	5.5	21.	30.
00931	SODIUM ADSORPTION RATIO	08/17/71-06/04/80	8	0.4	0.4	0.7	0.2	0.037	0.193	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/71-06/04/80	9	7.	8.444	14.	5.	8.028	2.833	5.	7.	10.5	14.
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/17/71-06/22/93	24	100.	105.25	215.	22.	3663.587	60.528	34.5	56.25	141.25	211.5
00980p	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/17/71-06/22/93	19	250.	411.579	2000.	0.	223102.924	472.338	0.	170.	470.	1000.
01079p	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/20/72-06/01/88	9 ##	0.1	0.078	0.1	0.	0.002	0.044	0.	0.05	0.1	0.1
01094p	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/17/71-06/01/88	18	5.	24.278	280.	0.	4170.918	64.583	0.	3.75	15.5	64.
01113p	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/17/71-06/01/88	16 ##	0.15	0.159	0.8	0.	0.04	0.199	0.	0.	0.15	0.52
01114p	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/17/71-06/01/88	19 ##	2.5	3.684	23.	0.	31.423	5.606	0.	0.	2.5	13.
01119p	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/17/71-06/01/88	18	2.5	7.861	35.	0.	126.318	11.239	0.	0.	12.75	33.2
01123p	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/17/71-06/01/88	18	25.	30.5	100.	0.	1013.324	31.833	0.	0.	53.5	91.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/17/71-11/05/81	6	0.	0.167	1.	0.	0.167	0.408	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	23	9.	40.13	210.	1.	4322.869	65.749	1.5	1.5	43.	186.

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

Seasonal Analysis for Season #3: 3/01 to 5/09 - Station MEVE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	23	0.954	0.986	2.322	0.	0.609	0.78	0.176	0.176	1.633	2.264
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.69								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/71-06/22/93	24	250.	268.542	455.	120.	10029.389	100.147	155.	181.	340.	437.5

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

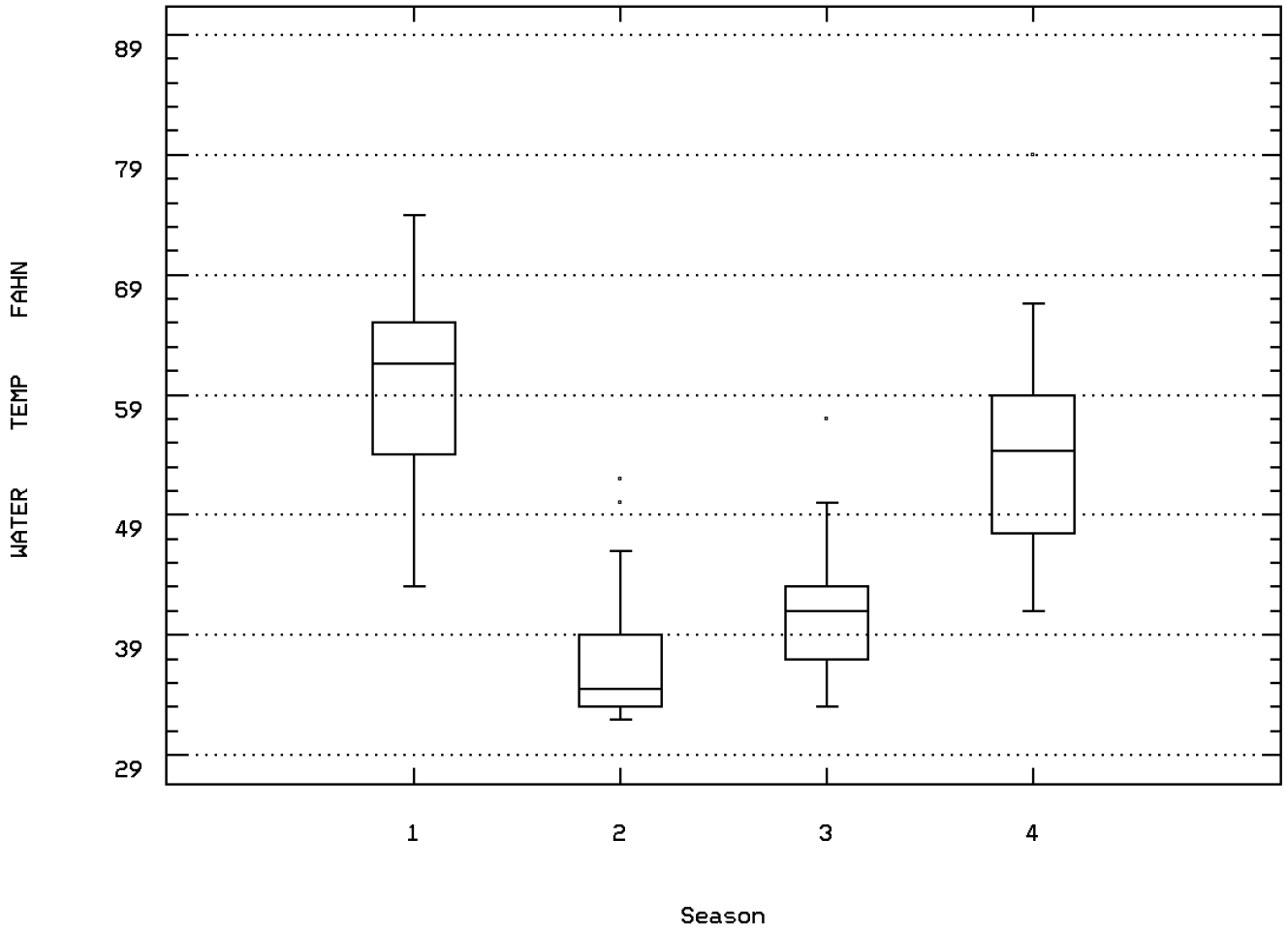
Seasonal Analysis for Season #4: 5/10 to 7/14 - Station MEVE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/17/71-06/22/93	24	54.3	54.3	79.	41.	80.031	8.946	44.	47.25	59.	66.3
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/02/79-06/22/93	16	70.5	67.313	86.	35.	185.963	13.637	42.	59.25	78.	81.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/17/71-06/04/80	9	8.1	31.467	116.	1.4	1717.423	41.442	1.4	2.35	65.5	116.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/71-04/28/92	20	190.	252.7	890.	150.	26507.905	162.812	151.	161.	290.	345.
00300p	OXYGEN, DISSOLVED MG/L	05/02/73-06/22/93	22	8.95	8.877	11.3	6.3	1.466	1.211	7.09	8.225	9.425	10.85
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/17/71-03/15/89	15	1.	0.967	2.	0.5	0.124	0.352	0.5	1.	1.	1.4
00400p	PH (STANDARD UNITS)	08/17/71-06/22/93	23	8.1	7.97	8.7	7.1	0.198	0.445	7.24	7.6	8.3	8.46
00400p	CONVERTED PH (STANDARD UNITS)	08/17/71-06/22/93	23	8.1	7.732	8.7	7.1	0.257	0.507	7.24	7.6	8.3	8.46
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/71-06/22/93	23	0.008	0.019	0.079	0.002	0.	0.022	0.003	0.005	0.025	0.058
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/78-06/22/93	17	68.	71.294	128.	50.	328.971	18.138	53.2	58.	76.	96.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/71-06/22/93	21	14.	42.857	230.	5.	4426.029	66.528	5.	5.	29.	181.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/71-04/28/92	19 ##	0.05	0.078	0.3	0.	0.004	0.065	0.04	0.05	0.1	0.15
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/79-04/28/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/79-04/28/92	12 ##	0.25	0.234	0.25	0.06	0.003	0.055	0.117	0.25	0.25	0.25
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/74-04/28/92	15 ##	0.025	0.024	0.06	0.	0.	0.013	0.	0.025	0.025	0.042
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	09/22/71-05/02/83	11	0.	0.003	0.02	0.	0.	0.006	0.	0.	0.005	0.017
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/71-06/22/93	21	94.	112.905	370.	67.	4388.29	66.244	68.	77.5	120.	182.
00910	CALCIUM (MG/L AS CACO3)	08/17/71-12/09/80	9	83.	92.889	240.	17.	3979.361	63.082	17.	60.	113.5	240.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/71-12/09/80	9	9.	12.	31.	4.	72.75	8.529	4.	6.5	17.	31.
00929	SODIUM, TOTAL (MG/L AS NA)	08/17/71-06/04/80	9	6.	9.611	24.	2.5	57.111	7.557	2.5	3.5	16.	24.
00931	SODIUM ADSORPTION RATIO	08/17/71-06/04/80	9	0.3	0.344	0.8	0.1	0.045	0.213	0.1	0.2	0.45	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/71-06/04/80	9	5.	4.667	8.	2.	3.75	1.936	2.	3.	6.	8.
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/17/71-06/22/93	23	33.	52.435	250.	16.	2588.257	50.875	19.4	24.	65.	110.2
00980p	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/17/71-06/22/93	21	250.	528.095	2000.	50.	393516.19	627.309	60.	135.	540.	1880.
01079p	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/20/72-06/01/88	14 ##	0.1	1.857	25.	0.	44.37	6.661	0.	0.075	0.1	12.55
01094p	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/17/71-06/01/88	19 ##	5.	10.	50.	0.	175.	13.229	0.	5.	10.	30.
01113p	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/17/71-06/01/88	19 ##	0.15	0.111	0.3	0.	0.01	0.098	0.	0.	0.15	0.3
01114p	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/17/71-06/01/88	19 ##	2.5	6.053	35.	0.	101.692	10.084	0.	0.	4.5	30.
01119p	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/17/71-06/01/88	17	13.	16.206	64.	0.	267.533	16.356	0.	4.75	23.	44.
01123p	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/17/71-06/01/88	18 ##	25.	23.611	100.	0.	549.428	23.44	0.	0.	25.	55.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/17/71-11/05/81	6	0.	0.583	2.5	0.	1.042	1.021	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	21	43.	140.714	930.	2.	44508.714	210.971	6.2	23.	190.	392.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/71-05/12/93	21	1.633	1.756	2.968	0.301	0.431	0.657	0.717	1.362	2.269	2.583
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			57.08								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/71-06/22/93	22	130.	161.727	610.	75.	11772.779	108.502	98.6	110.	172.5	237.

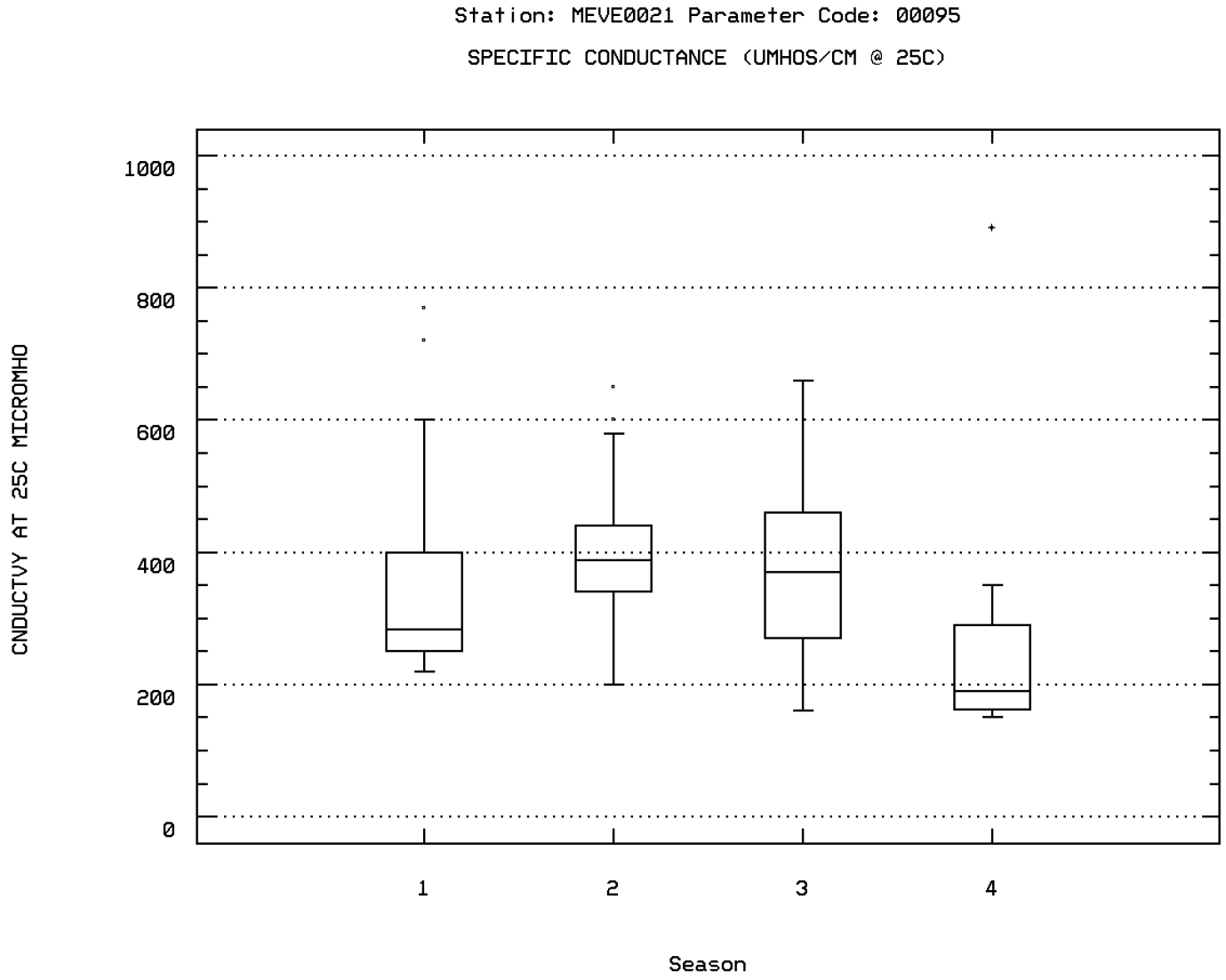
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: MEVE0021 Parameter Code: 00011

TEMPERATURE, WATER (DEGREES FAHRENHEIT)



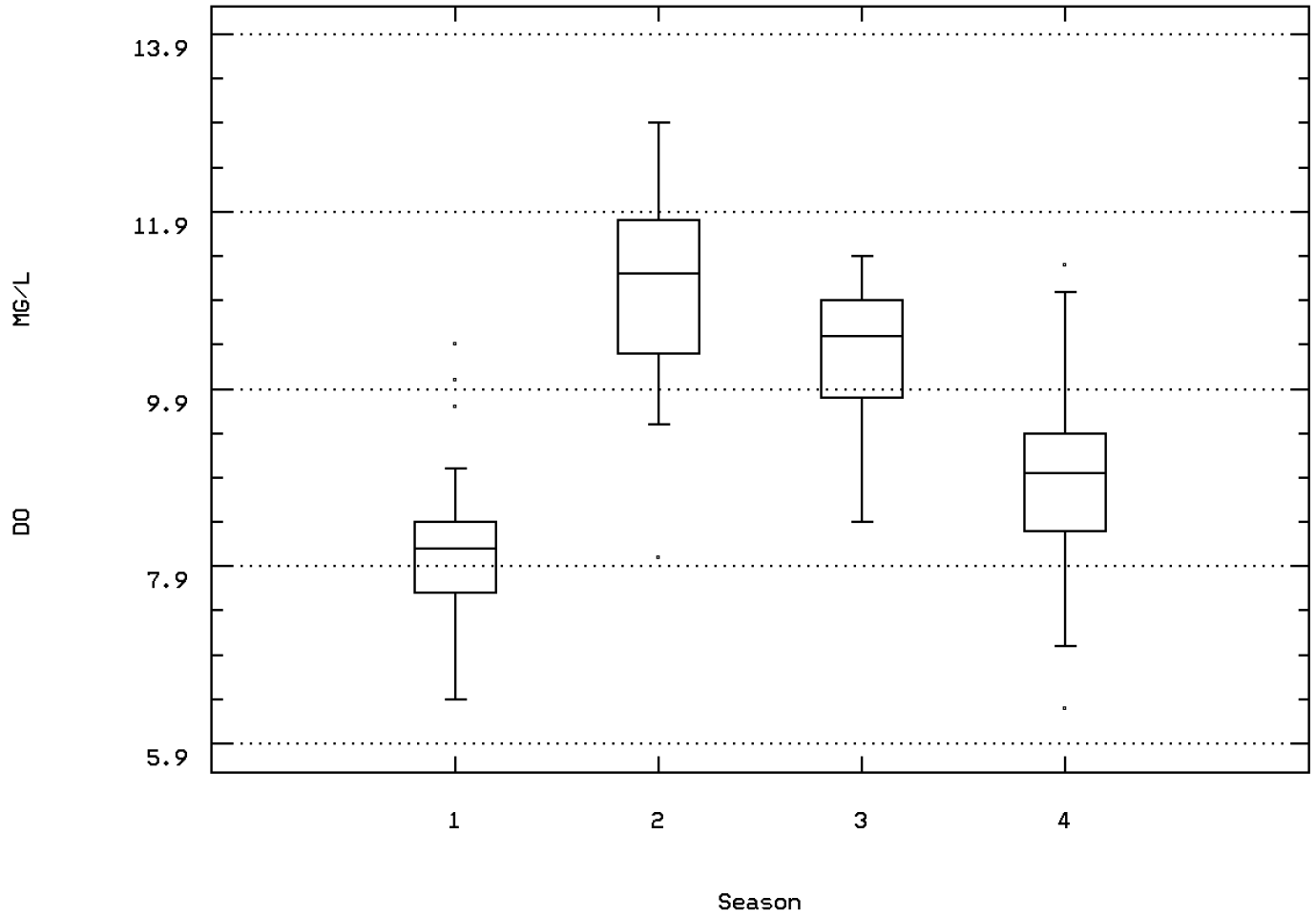
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00300

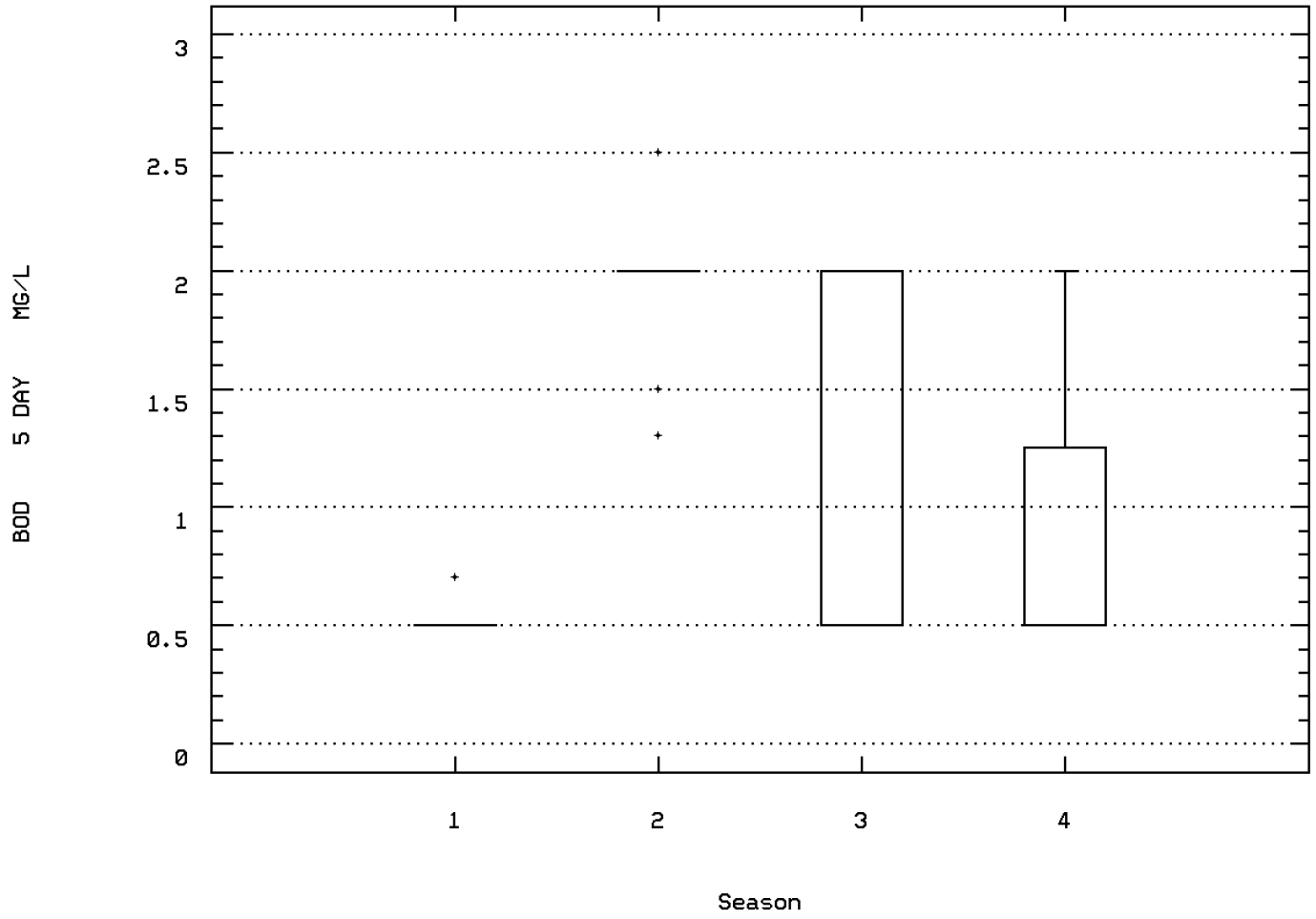
OXYGEN, DISSOLVED



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00310

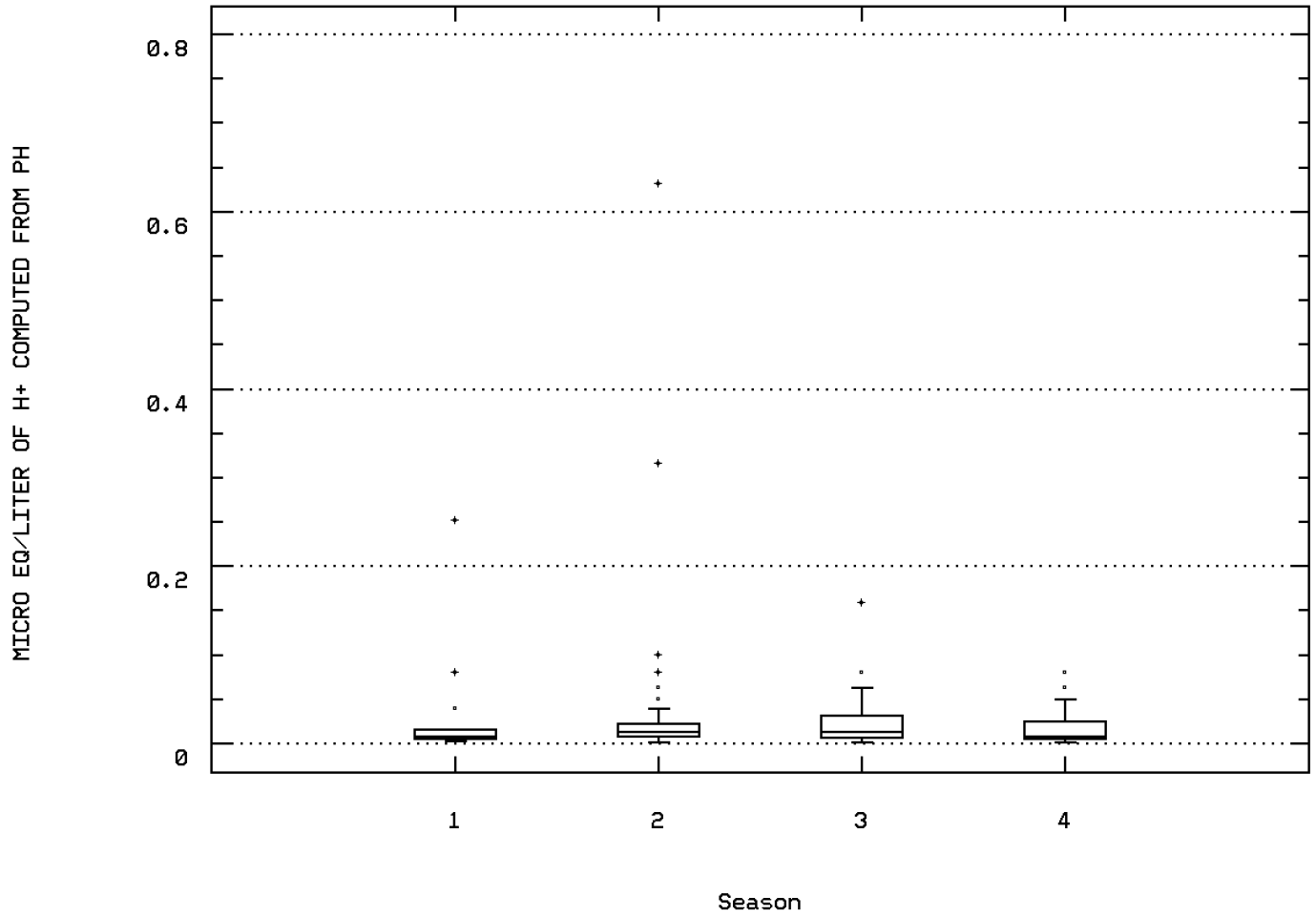
BOD, 5 DAY, 20 DEG C



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00400

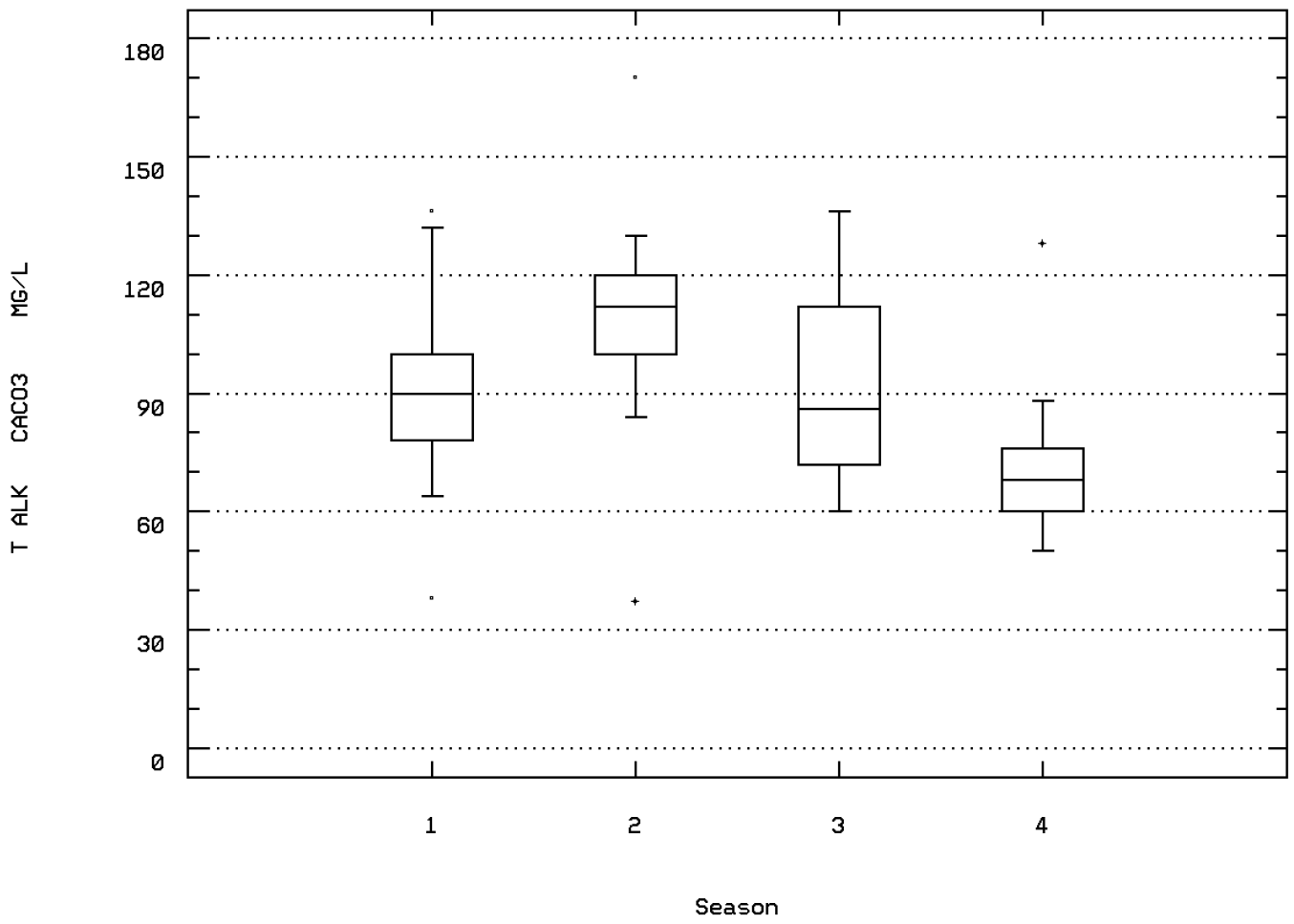
MICRO EQ/LITER OF H+ COMPUTED FROM PH



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00410

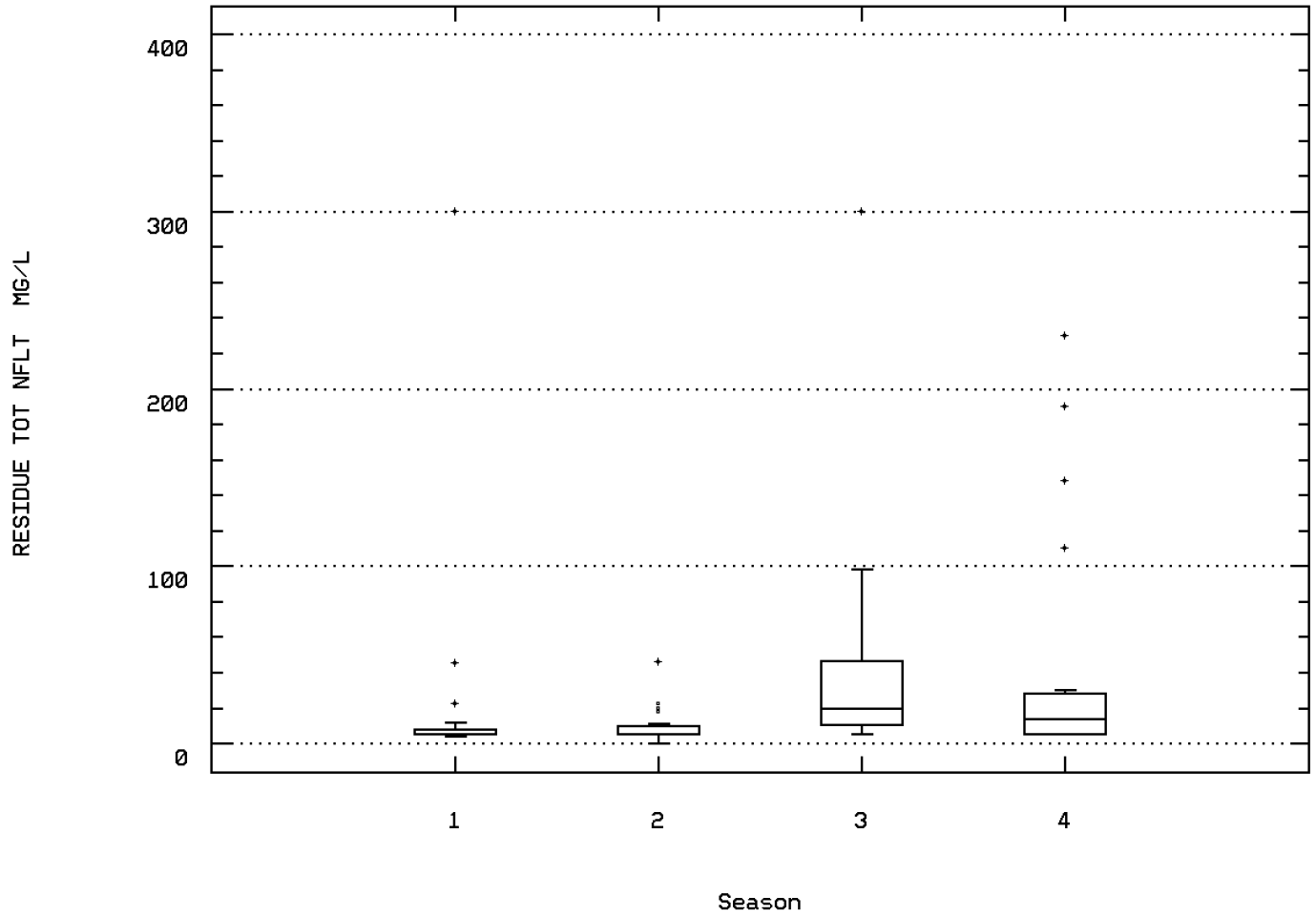
ALKALINITY, TOTAL (MG/L AS CACO3)



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00530

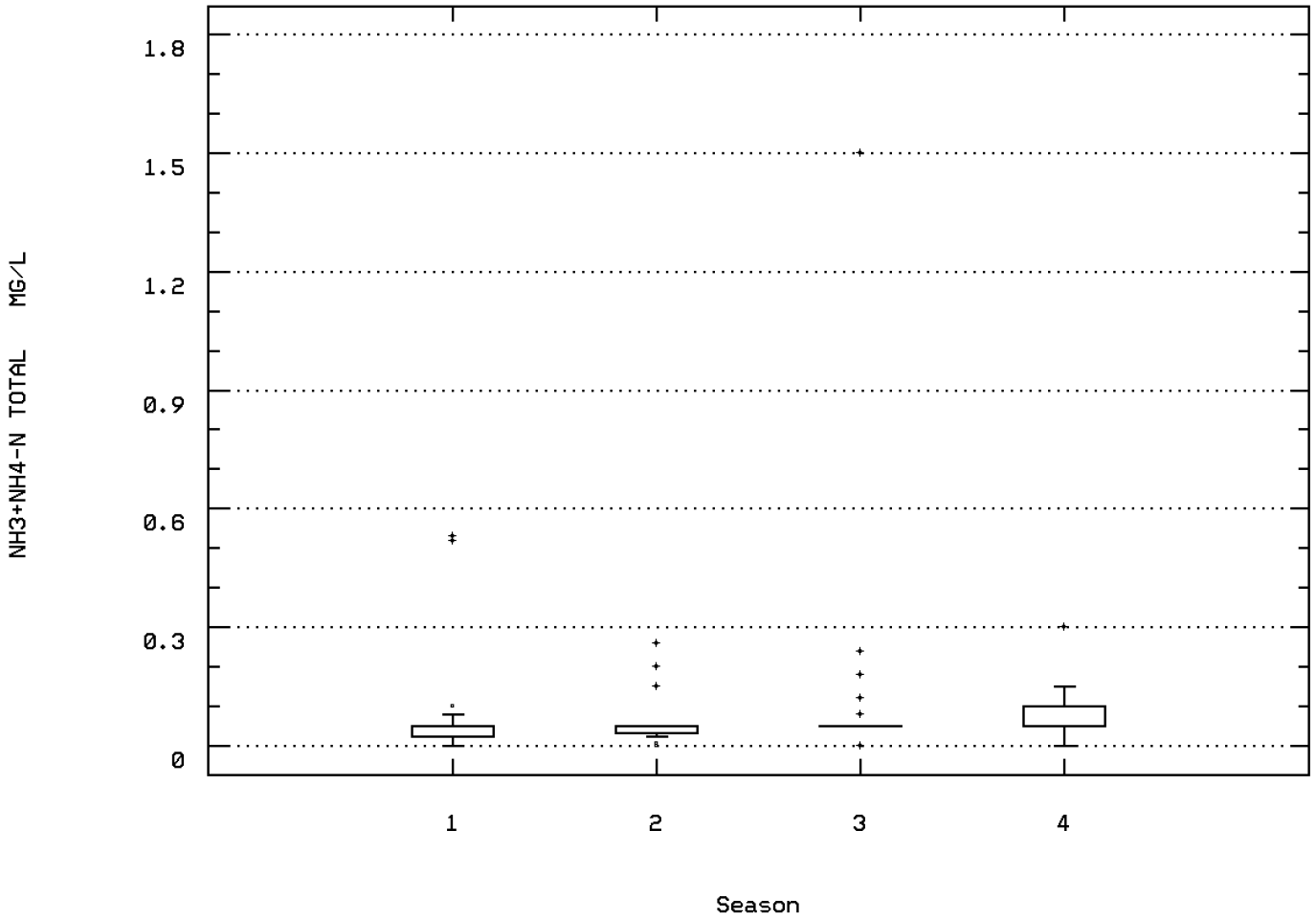
RESIDUE, TOTAL NONFILTRABLE (MG/L)



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00610

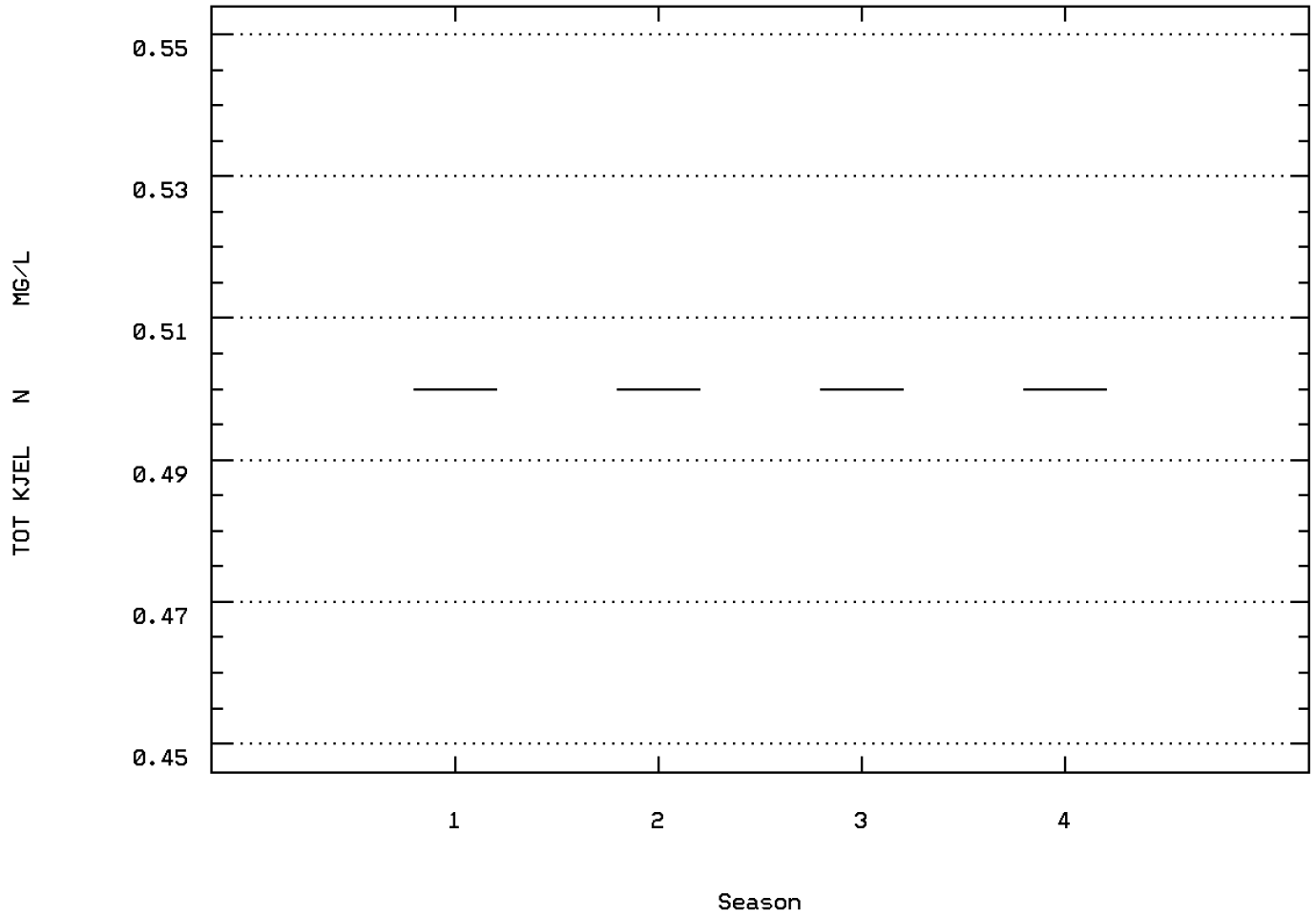
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00625

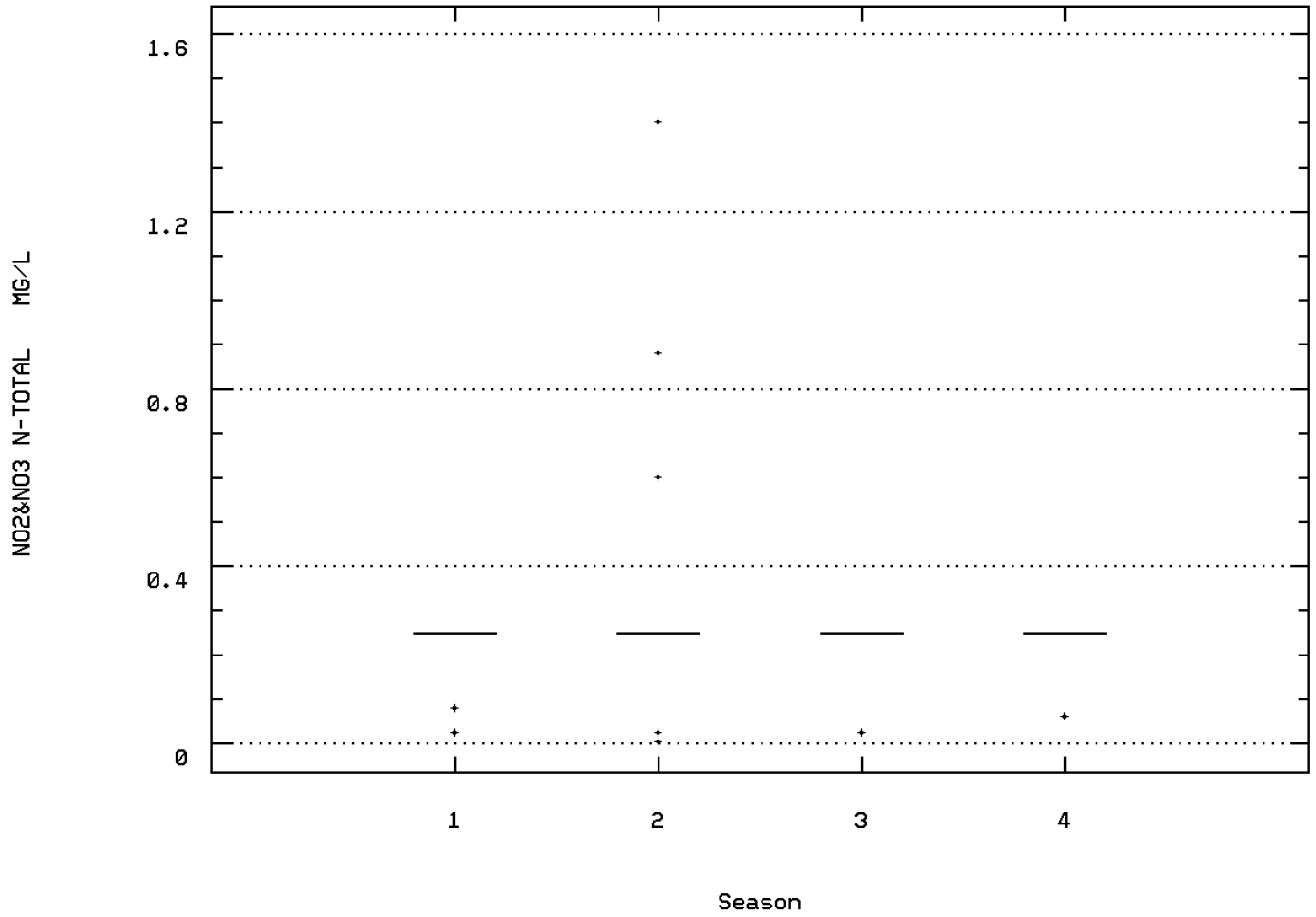
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00630

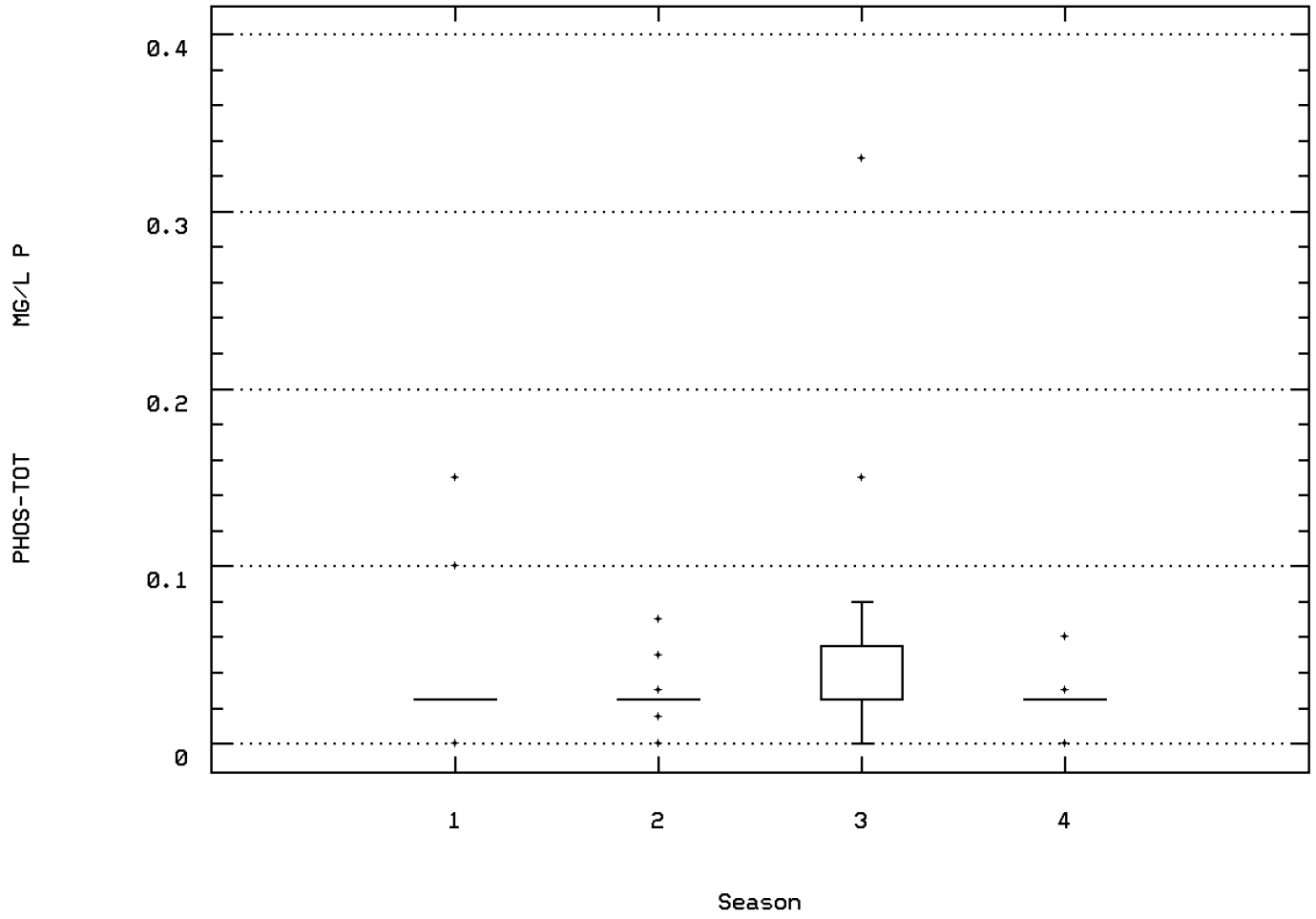
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



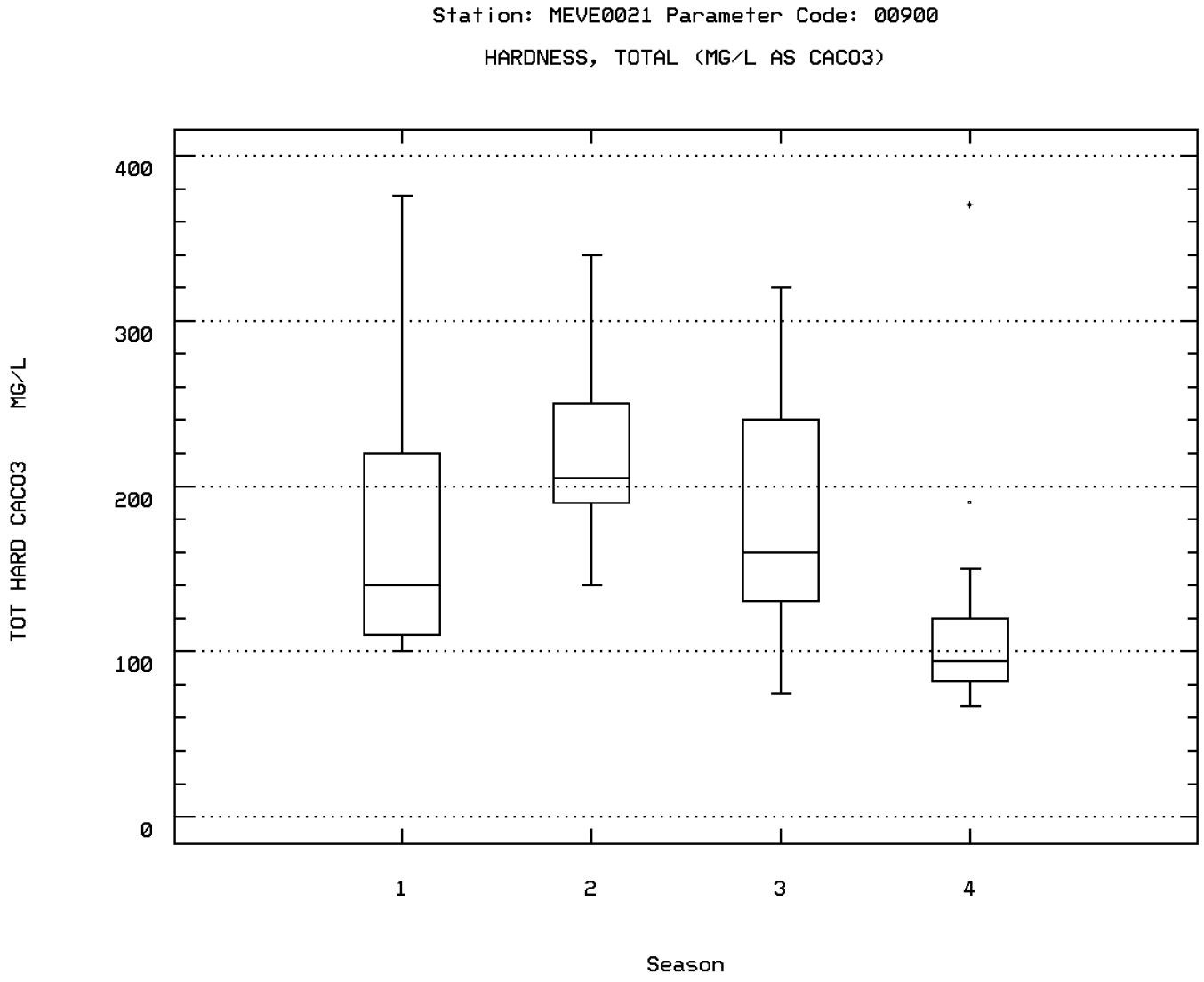
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00665

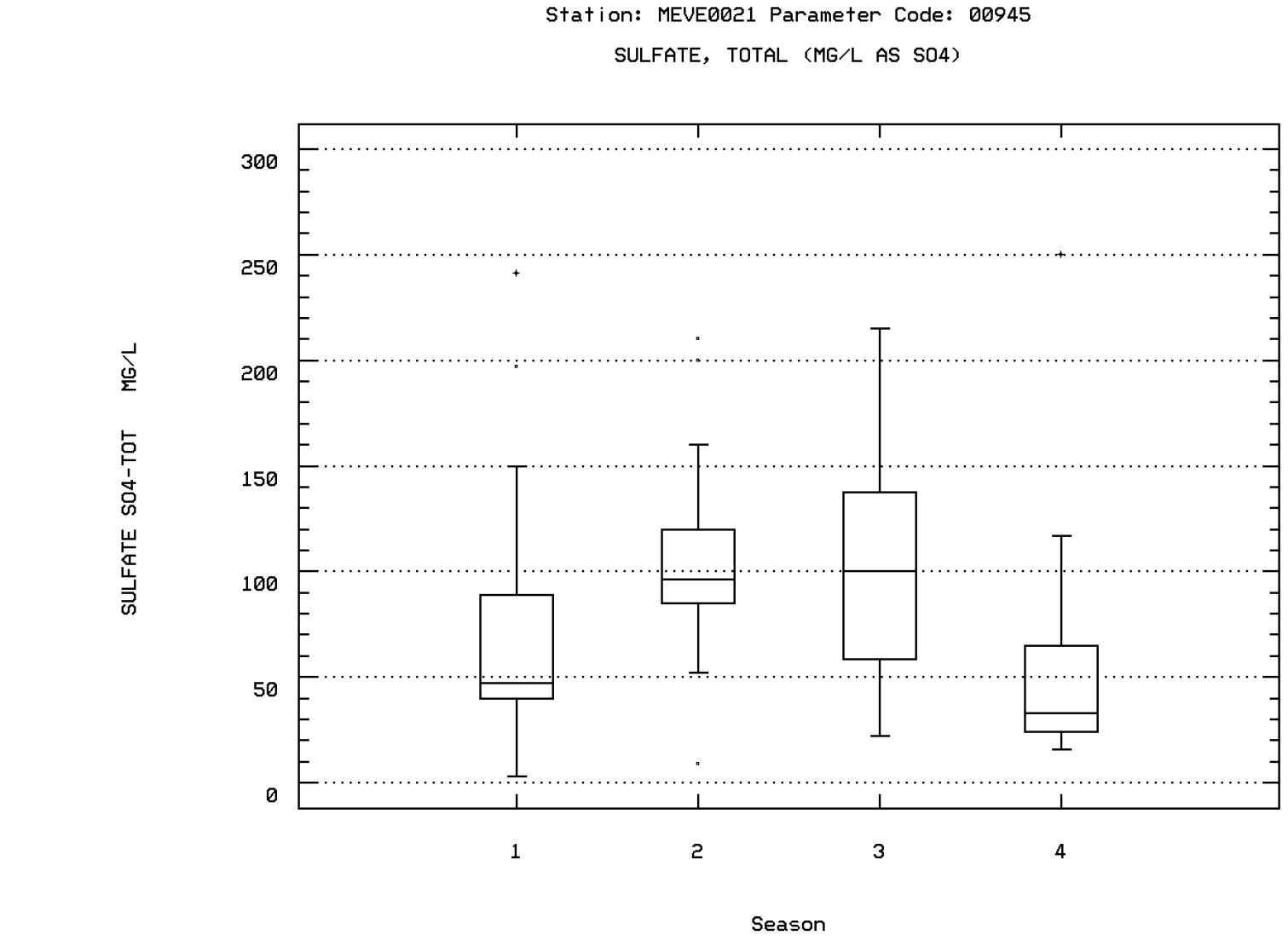
PHOSPHORUS, TOTAL (MG/L AS P)



MANCOS RIVER AT MANCOS



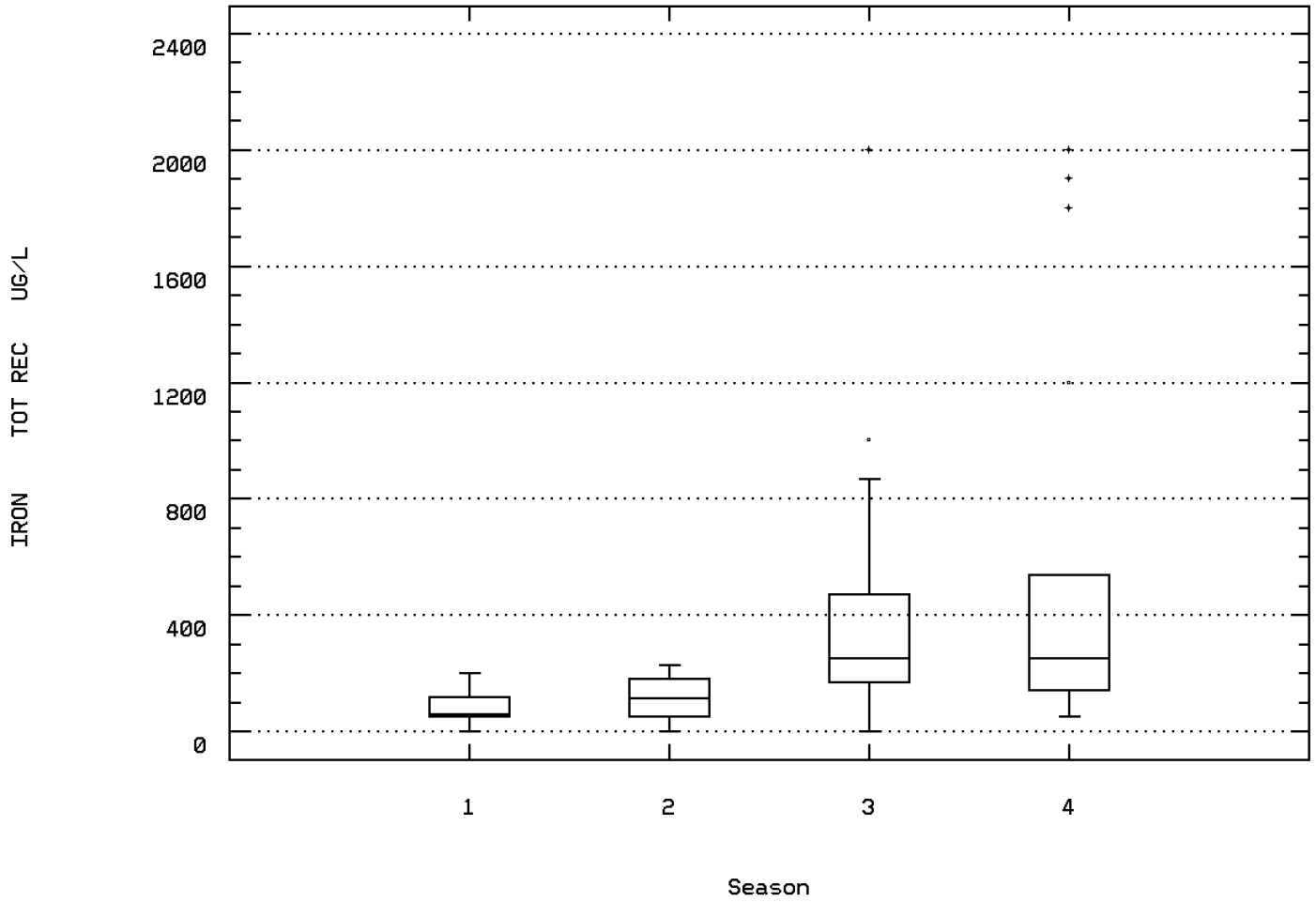
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 00980

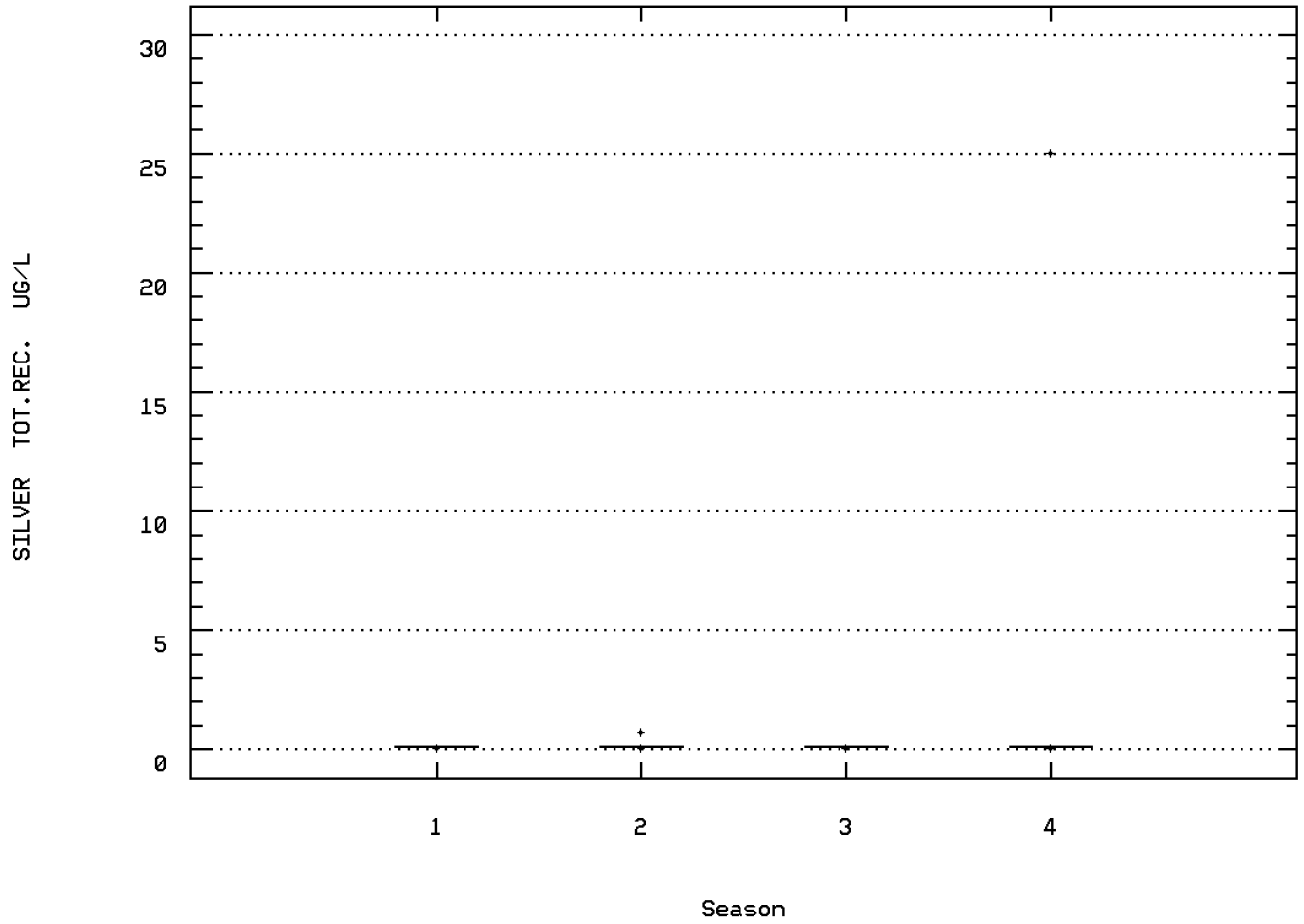
IRON,TOTAL RECOVERABLE IN WATER AS FE



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01079

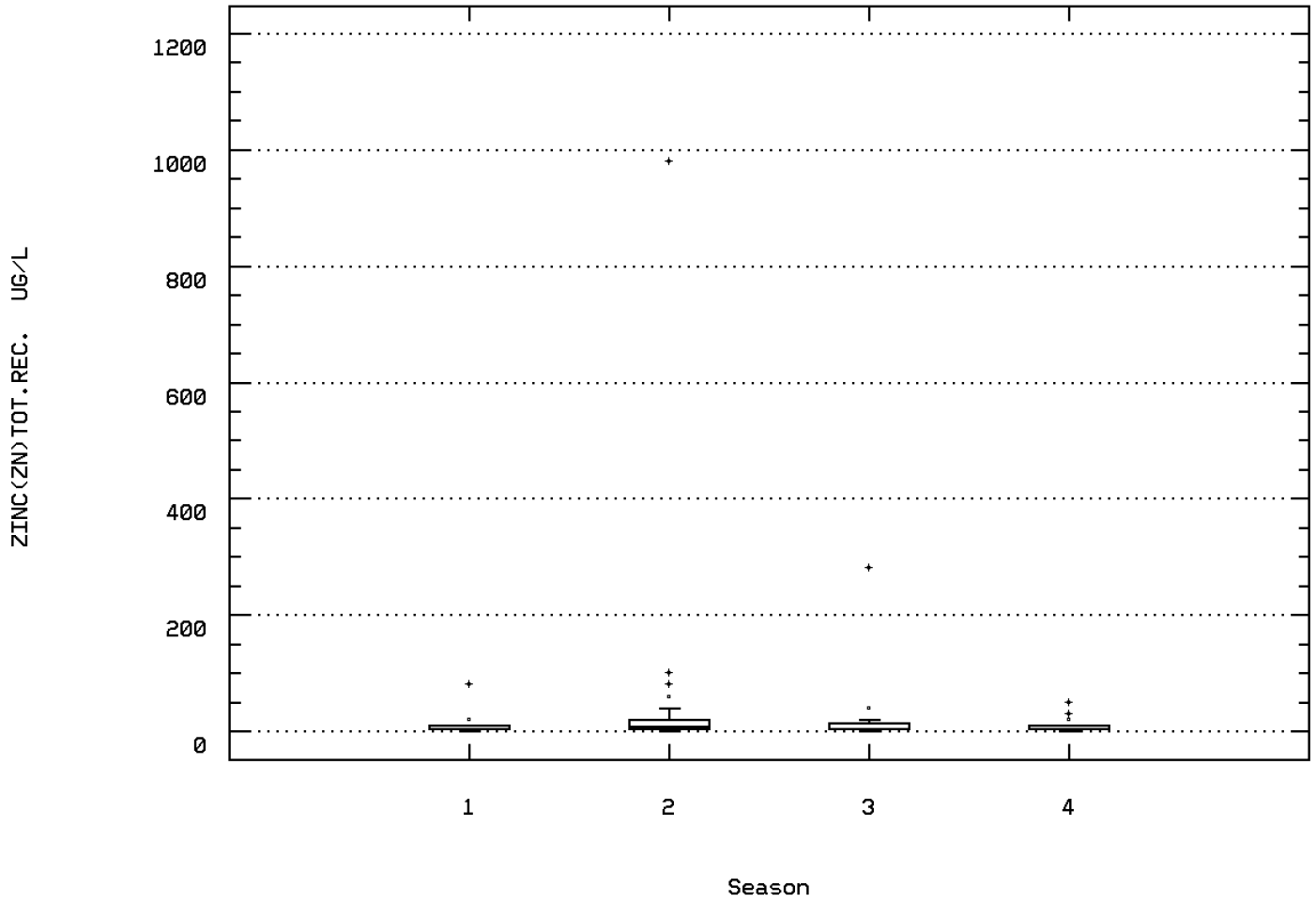
SILVER,TOTAL RECOVERABLE IN WATER AS AG



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01094

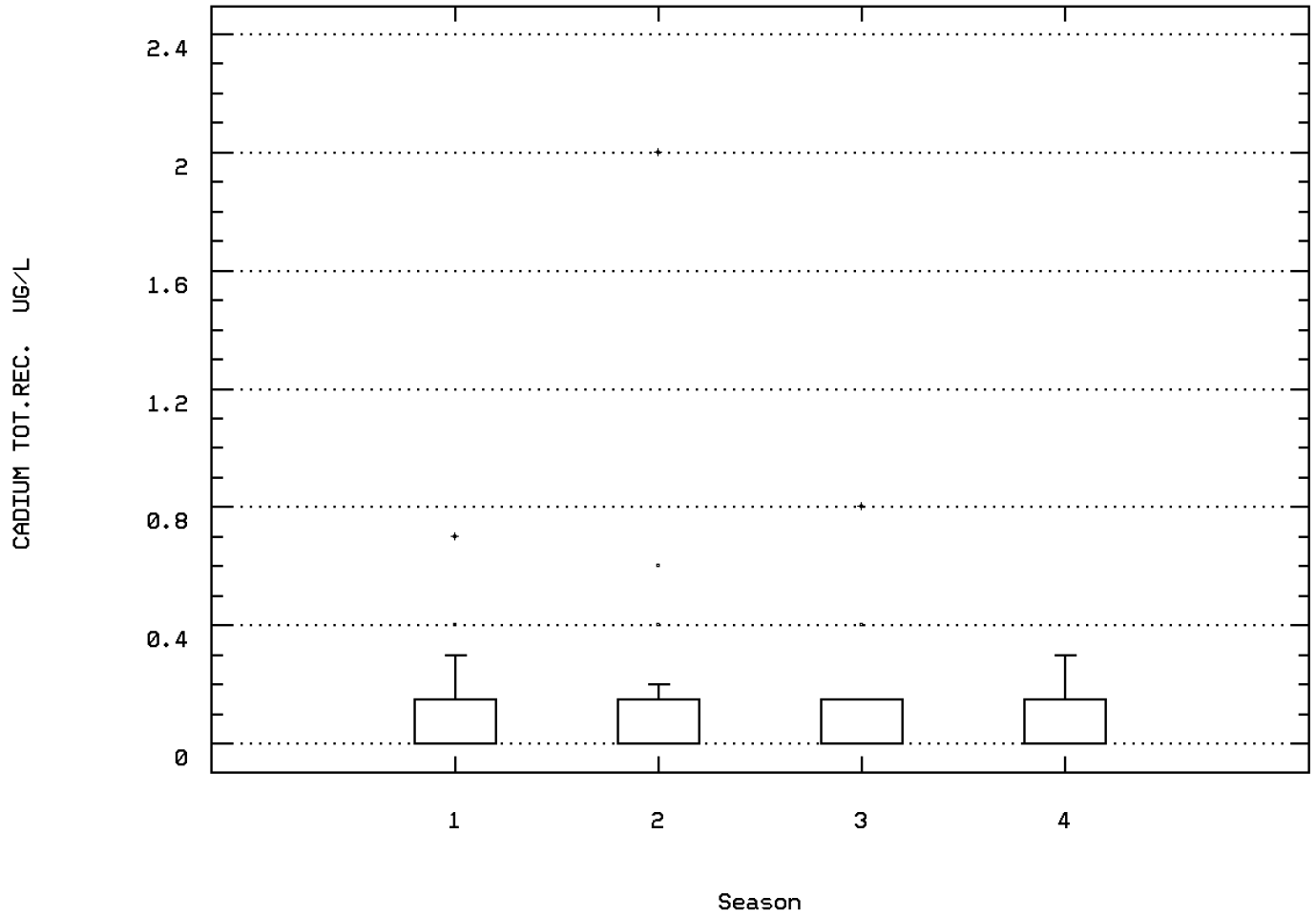
ZINC,TOTAL RECOVERABLE IN WATER AS ZN



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01113

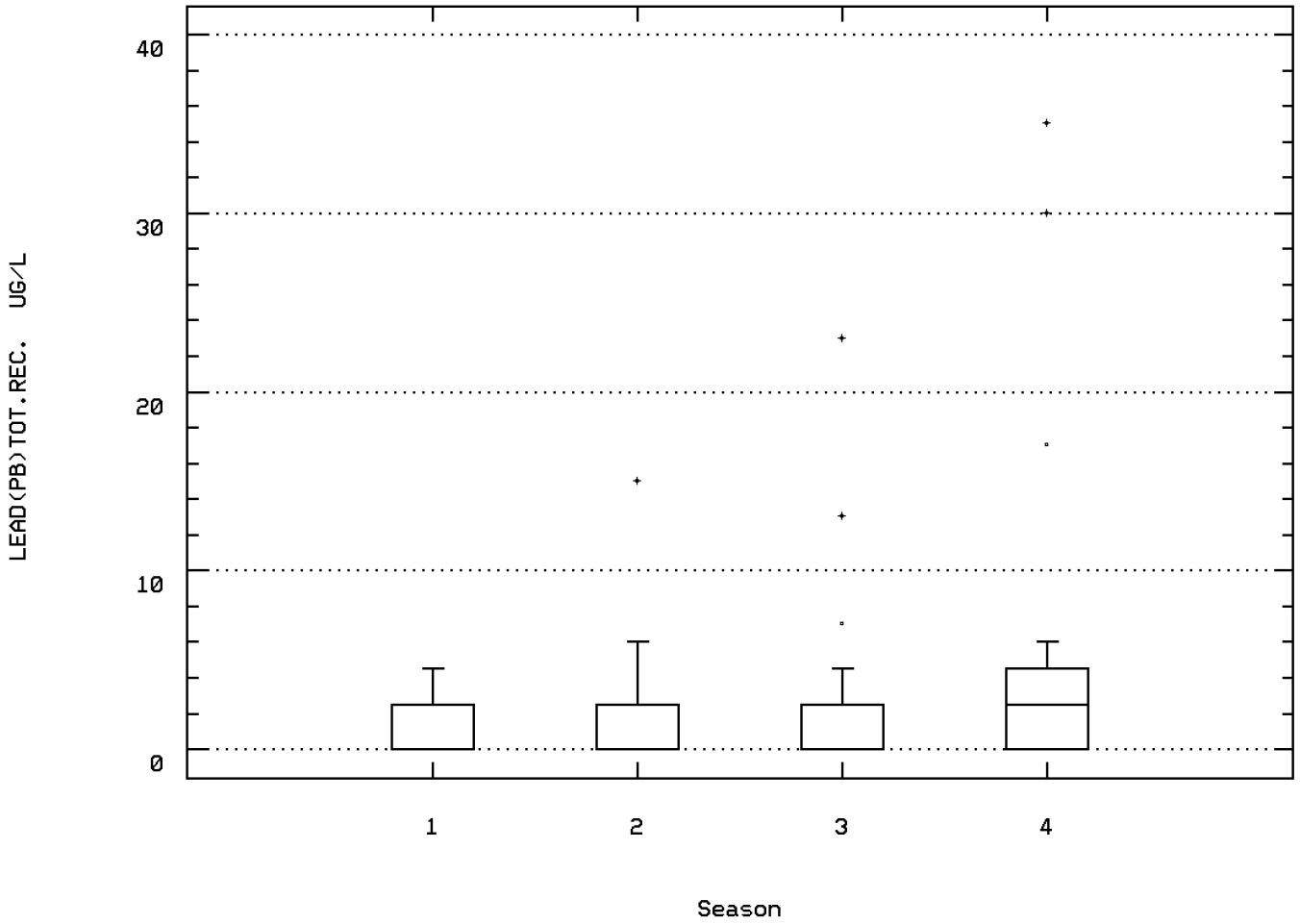
CADMIUM,TOTAL RECOVERABLE IN WATER AS C



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01114

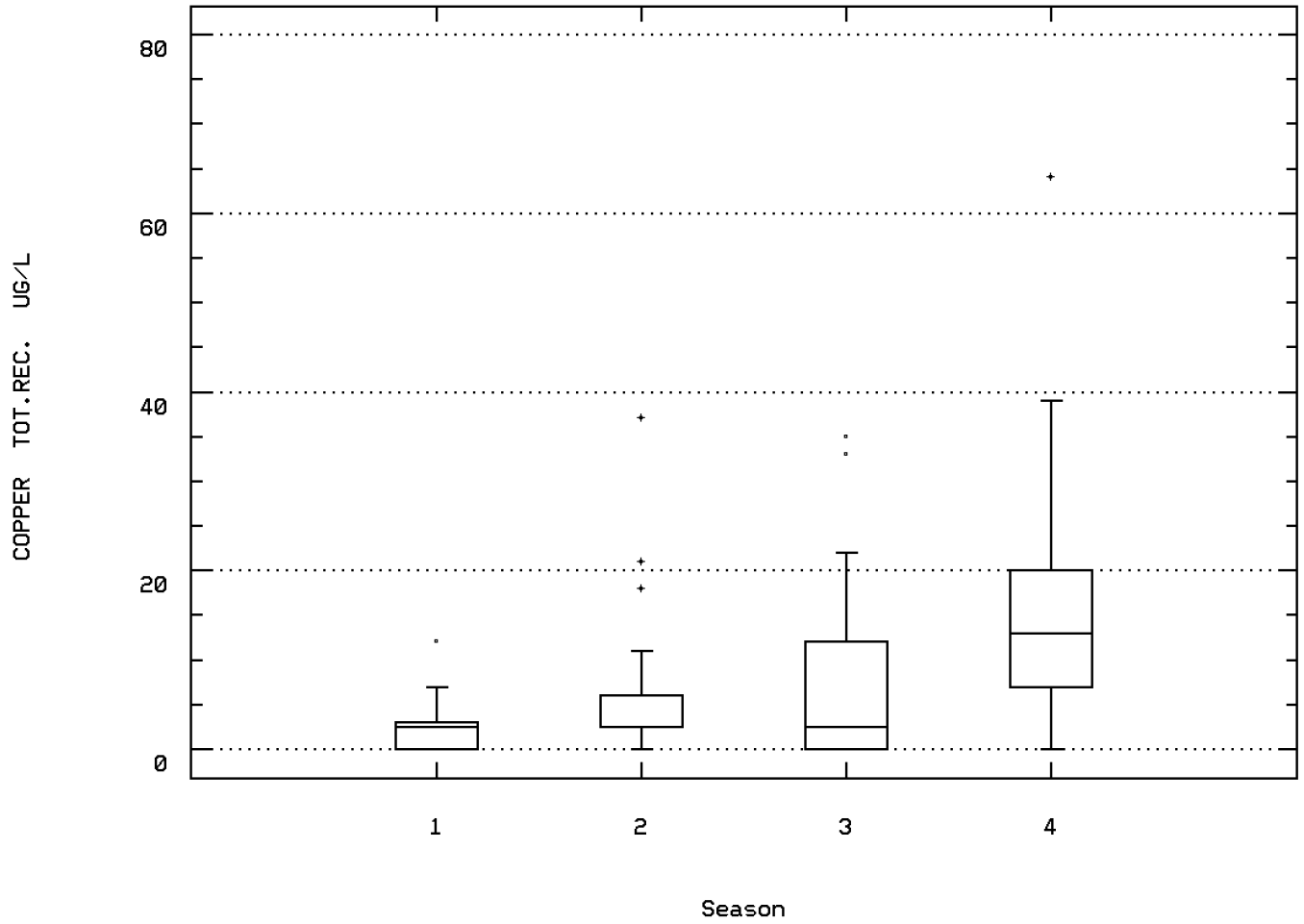
LEAD,TOTAL RECOVERABLE IN WATER AS PB



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01119

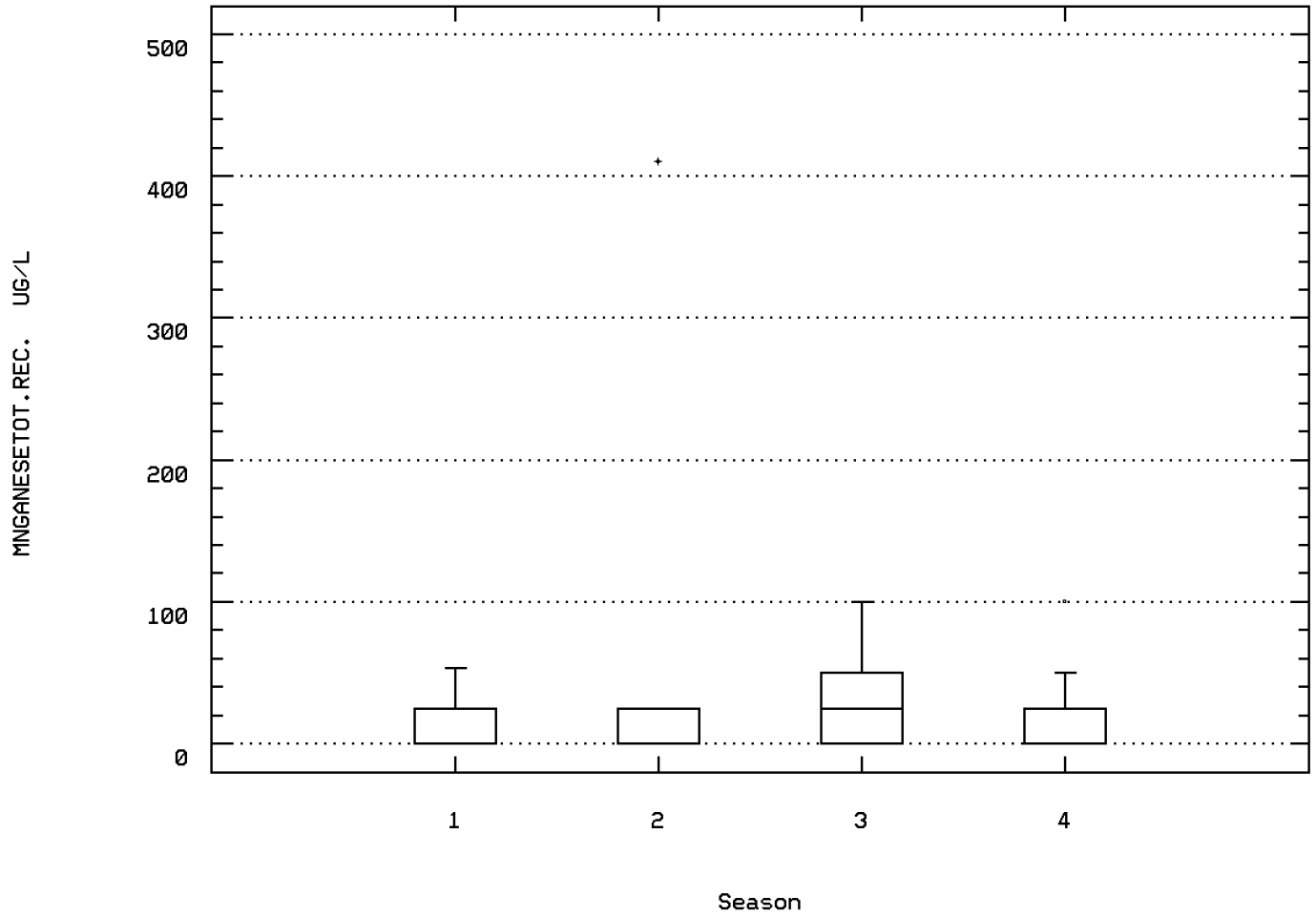
COPPER,TOTAL RECOVERABLE IN WATER AS CU



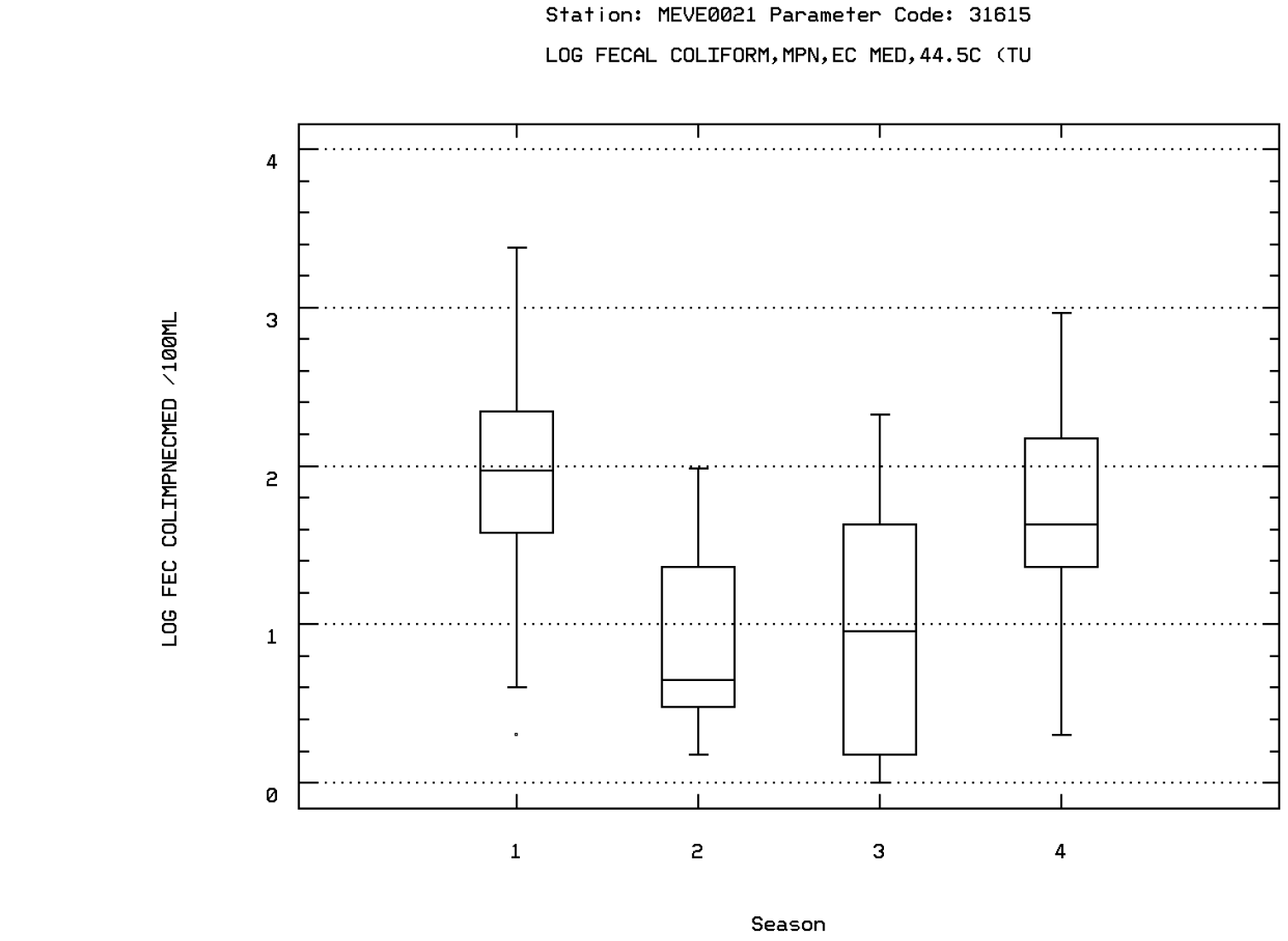
MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 01123

MANGANESE,TOTAL RECOVERABLE IN WATER AS



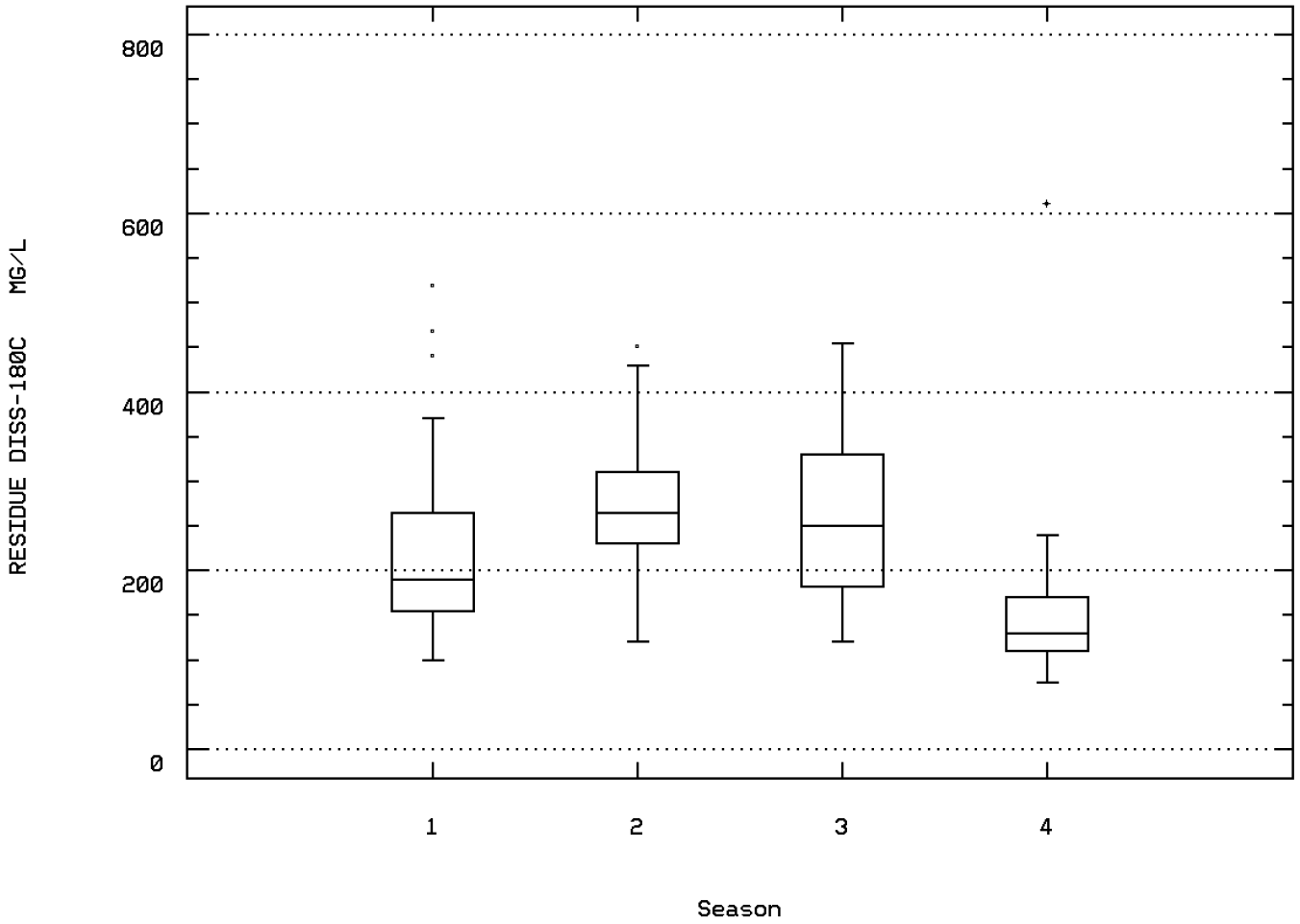
MANCOS RIVER AT MANCOS



MANCOS RIVER AT MANCOS

Station: MEVE0021 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



MANCOS RIVER AT MANCOS

Station Inventory for Station: MEVE0022

NPS Station ID: MEVE0022 LAT/LON: 37.345003/-108.280809 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24130 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_074 /1084973
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.3	14.3	14.3	14.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	233.	233.	233.	233.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	118.	118.	118.	118.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	164.	164.	164.	164.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0023

NPS Station ID: MEVE0023 LAT/LON: 37.238892/-108.290615 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24122 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_029 /1084968
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL CANYON COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	83.8	83.8	83.8	83.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	65.1	65.1	65.1	65.1	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	107.	107.	107.	107.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	142.	142.	142.	142.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0024

NPS Station ID: MEVE0024 LAT/LON: 37.297809/-108.298116 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24103 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_026 /1084952
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	3400.	3400.	3400.	3400.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0025

NPS Station ID: MEVE0025 LAT/LON: 37.369698/-108.299199 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24128 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_076 /1084972
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	332.	332.	332.	332.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	39.6	39.6	39.6	39.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	103.	103.	103.	103.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	165.	165.	165.	165.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0026

NPS Station ID: MEVE0026 LAT/LON: 37.341781/-108.301531 Agency: 11NPSWRD Date Created: 07/03/99
Location: MANCOS RIVER ABOVE MANCOS SEWER OUTLET FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NPS_AMSO
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MANCOS RIVER ABOVE THE SEWER OUTLET OUTSIDE OF MESA VERDE NATIONAL PARK. DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/26/95-07/26/95	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/26/95-07/26/95	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			20.								

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

EPA Water Quality Criteria Analysis for Station: MEVE0026

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0027

NPS Station ID: MEVE0027 LAT/LON: 37.344477/-108.301421 Agency: 11NPSWRD Date Created: 07/03/99
Location: MANCOS RIVER BELOW MANCOS SEWER OUTLET FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NPS_BMSO
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MANCOS RIVER BELOW THE SEWER OUTLET OUTSIDE OF MESA VERDE NATIONAL PARK. DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/26/95-07/26/95	1	900.	900.	900.	900.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/26/95-07/26/95	1	2.954	2.954	2.954	2.954	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			900.								

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

EPA Water Quality Criteria Analysis for Station: MEVE0027

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0028

NPS Station ID: MEVE0028 | LAT/LON: 37.414698/-108.303892 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24232 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): MEVE_NURE_088 /1085059
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MILLWOOD COLORADO 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS AT A RESERVOIR AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/76-07/04/76	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/04/76-07/04/76	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/04/76-07/04/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/04/76-07/04/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/76-07/04/76	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/76-07/04/76	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/76-07/04/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/76-07/04/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/76-07/04/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/76-07/04/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/76-07/04/76	1	1271.	1271.	1271.	1271.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/76-07/04/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/76-07/04/76	1	136.	136.	136.	136.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/76-07/04/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/76-07/04/76	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/76-07/04/76	1	159.	159.	159.	159.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/76-07/04/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/04/76-07/04/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0029

NPS Station ID: MEVE0029 LAT/LON: 37.270003/-108.306892 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24104 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_027 /1084953
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	1650.	1650.	1650.	1650.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	82.9	82.9	82.9	82.9	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1	76.	76.	76.	76.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	138.	138.	138.	138.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	124.	124.	124.	124.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	141.	141.	141.	141.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	85.	85.	85.	85.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	197.	197.	197.	197.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	4.58	4.58	4.58	4.58	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0029

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0030

NPS Station ID: MEVE0030 LAT/LON: 37.309726/-108.307504 Agency: 112WRD Date Created: 09/17/94
Location: LARGE WETLAND AREA S.OF G RD (HAMBLEN), MANCOS R FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 371835108182701
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/94-06/15/94	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	06/15/94-06/15/94	1	594.	594.	594.	594.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/94-06/15/94	1	1010.	1010.	1010.	1010.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/15/94-06/15/94	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/15/94-06/15/94	1	8.07	8.07	8.07	8.07	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/15/94-06/15/94	1	8.07	8.07	8.07	8.07	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/94-06/15/94	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/15/94-06/15/94	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/94-06/15/94	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/94-06/15/94	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/15/94-06/15/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/94-06/15/94	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/94-06/15/94	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/94-06/15/94	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/94-06/15/94	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/15/94-06/15/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/15/94-06/15/94	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/94-06/15/94	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/94-06/15/94	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/94-06/15/94	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/94-06/15/94	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/15/94-06/15/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00										1	1	1.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0031

NPS Station ID: MEVE0031 LAT/LON: 37.309726/-108.307504 Agency: 11NPSWRD Date Created: 09/12/98
Location: LARGE POND SOUTH OF G ROAD IN MANCOS VALLEY FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): MEVE_USGS_MNP2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A LARGE POND SOUTH OF G ROAD IN MANCOS VALLEY. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 371835108182701. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: MEVE0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/15/94-06/15/94	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	1	369.	369.	369.	369.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	1	510.	510.	510.	510.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: MEVE0032

NPS Station ID: MEVE0032 LAT/LON: 37.236699/-108.307809 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24105 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_028 /1084954
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL CANYON COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	106.	106.	106.	106.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1	118.	118.	118.	118.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	138.	138.	138.	138.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	126.	126.	126.	126.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	156.	156.	156.	156.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	155.	155.	155.	155.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	152.	152.	152.	152.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	46.	46.	46.	46.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	6.05	6.05	6.05	6.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	1	1.00										1	1	1.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0033

NPS Station ID: MEVE0033 LAT/LON: 37.250837/-108.308893 Agency: 11NPSWRD Date Created: 09/12/98
Location: WEBER CANYON DOWNSTREAM FROM IRRIGATED AREA FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_WBR
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT WEBER CANYON DOWNSTREAM FROM AN IRRIGATED AREA. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 371503108183201. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: MEVE0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/05/94	2	103.	103.	106.	100.	18.	4.243	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/05/94	2	289.5	289.5	306.	273.	544.5	23.335	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/05/94	2	1150.	1150.	1200.	1100.	5000.	70.711	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/05/94	2	11.795	11.795	15.9	7.69	33.702	5.805	**	**	**	**

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

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

Station Inventory for Station: MEVE0034

NPS Station ID: MEVE0034
LAT/LON: 37.250837/-108.308893
Agency: 112WRD
Date Created: 07/09/94
Location: WEBER CANYON BELOW IRRIGATED AREA
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 371503108183201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14080105000100.22
RF3 Mile Point: 1.56
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/21/94-07/05/94	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/94-07/05/94	2	12.25	12.25	16.	8.5	28.125	5.303	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/21/94-07/05/94	2	605.5	605.5	607.	604.	4.5	2.121	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/94-07/05/94	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/94-07/05/94	2	2210.	2210.	2280.	2140.	9800.	98.995	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/21/94-07/05/94	2	8.7	8.7	9.2	8.2	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	03/21/94-07/05/94	2	7.965	7.965	8.18	7.75	0.092	0.304	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/21/94-07/05/94	2	7.914	7.914	8.18	7.75	0.098	0.313	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/94-07/05/94	2	0.012	0.012	0.018	0.007	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/21/94-07/05/94	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/21/94-07/05/94	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/94-07/05/94	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/21/94-07/05/94	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/94-07/05/94	2	210.	210.	220.	200.	200.	14.142	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/94-07/05/94	2	145.	145.	150.	140.	50.	7.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/94-07/05/94	2	130.	130.	140.	120.	200.	14.142	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/21/94-07/05/94	2	3.4	3.4	3.9	2.9	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/94-07/05/94	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/94-07/05/94	2	1030.	1030.	1100.	960.	9800.	98.995	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/21/94-07/05/94	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/21/94-07/05/94	2	13.	13.	13.	13.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/21/94-07/05/94	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00							1	1	1.00	1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0035

NPS Station ID: MEVE0035 LAT/LON: 37.255920/-108.309449 Agency: 11NPSWRD Date Created: 09/12/98
Location: POND IN MANCOS VALLEY; WEBER CANYON DRAINAGE FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): MEVE_USGS_PR4
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POND IN MANCOS VALLEY AND IS IN THE WEBER CANYON DRAINAGE. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 94-4041. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/89-07/01/89	1	104.	104.	104.	104.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/01/89-07/01/89	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/01/89-07/01/89	1	376.	376.	376.	376.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/01/89-07/01/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/01/89-07/01/89	1 ##	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/01/89-07/01/89	1	2920.	2920.	2920.	2920.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/01/89-07/01/89	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/01/89-07/01/89	1	152.	152.	152.	152.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/01/89-07/01/89	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/01/89-07/01/89	1	2120.	2120.	2120.	2120.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/01/89-07/01/89	1	81.	81.	81.	81.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/01/89-07/01/89	1	2940.	2940.	2940.	2940.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/01/89-07/01/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
28011	URANIUM,NATURAL,TOTAL UG/L AS U	07/01/89-07/01/89	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
28011	URANIUM, NATURAL, TOTAL	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0036

NPS Station ID: MEVE0036 LAT/LON: 37.310281/-108.310005 Agency: 11NPSWRD Date Created: 09/12/98
Location: POND DOWNSTREAM FROM USGS SITE MNP2 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_MNP3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POND DOWNSTREAM FROM USGS SITE MNP2; WHICH IS SOUTH OF G ROAD IN MANCOS VALLEY. THIS SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 371837108183601. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/15/94-06/15/94	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	1	450.	450.	450.	450.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: MEVE0037

NPS Station ID: MEVE0037 LAT/LON: 37.310281/-108.310005 Agency: 112WRD Date Created: 09/17/94
Location: POND BELOW LARGE WETLAND IN MANCOS RB (HAMBLEN) FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 371837108183601
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/94-06/15/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	06/15/94-06/15/94	1	596.	596.	596.	596.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/94-06/15/94	1	920.	920.	920.	920.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/15/94-06/15/94	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/15/94-06/15/94	1	8.89	8.89	8.89	8.89	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/15/94-06/15/94	1	8.89	8.89	8.89	8.89	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/94-06/15/94	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/15/94-06/15/94	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/94-06/15/94	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/94-06/15/94	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/15/94-06/15/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/94-06/15/94	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/94-06/15/94	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/94-06/15/94	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/94-06/15/94	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/15/94-06/15/94	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/15/94-06/15/94	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/94-06/15/94	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/94-06/15/94	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/94-06/15/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/94-06/15/94	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/15/94-06/15/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00										1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0038

NPS Station ID: MEVE0038
LAT/LON: 37.345003/-108.312505
Agency: 112WRD
Date Created: 07/09/94
Location: CHICKEN CREEK AT OLD HIGHWAY 160
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 372042108184501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14080105000100.22
RF3 Mile Point: 1.56
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/21/94-07/05/94	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/94-07/05/94	2	14.25	14.25	18.	10.5	28.125	5.303	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/21/94-07/05/94	2	592.	592.	596.	588.	32.	5.657	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/94-07/05/94	2	9.	9.	14.	4.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/94-07/05/94	2	897.5	897.5	1370.	425.	446512.5	668.216	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/21/94-07/05/94	2	8.05	8.05	8.6	7.5	0.605	0.778	**	**	**	**
00400	PH (STANDARD UNITS)	03/21/94-07/05/94	2	8.13	8.13	8.49	7.77	0.259	0.509	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/21/94-07/05/94	2	7.995	7.995	8.49	7.77	0.295	0.544	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/94-07/05/94	2	0.01	0.01	0.017	0.003	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/21/94-07/05/94	2	8.05	8.05	8.1	8.	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/21/94-07/05/94	2	8.047	8.047	8.1	8.	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/94-07/05/94	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/21/94-07/05/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/94-07/05/94	2	105.5	105.5	160.	51.	5940.5	77.075	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/94-07/05/94	2	39.5	39.5	65.	14.	1300.5	36.062	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/94-07/05/94	2	39.5	39.5	66.	13.	1404.5	37.477	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/21/94-07/05/94	2	2.8	2.8	4.1	1.5	3.38	1.838	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/94-07/05/94	2	7.5	7.5	13.	2.	60.5	7.778	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/94-07/05/94	2	355.	355.	600.	110.	120050.	346.482	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/21/94-07/05/94	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/21/94-07/05/94	2	8.95	8.95	10.	7.9	2.205	1.485	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/21/94-07/05/94	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	1	0.50							1	1	1.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0039

NPS Station ID: MEVE0039 | LAT/LON: 37.345003/-108.312505 | Agency: 11NPSWRD | Date Created: 09/12/98
Location: CHICKEN CREEK AT OLD HIGHWAY 160 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MEVE_USGS_CHK
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT CHICKEN CREEK AT OLD HIGHWAY 160. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 372042108184501. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: MEVE0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/21/94-07/05/94	2	101.	101.	103.	99.	8.	2.828	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/94-07/05/94	2	147.	147.	193.	101.	4232.	65.054	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/94-07/05/94	2	430.	430.	670.	190.	115200.	339.411	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/21/94-07/05/94	2	10.685	10.685	11.4	9.97	1.022	1.011	**	**	**	**

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

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

Station Inventory for Station: MEVE0040

NPS Station ID: MEVE0040 | LAT/LON: 37.341115/-108.316893 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24131 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MEVE_NURE_059 /1084974
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	650.	650.	650.	650.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	62.7	62.7	62.7	62.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	23.4	23.4	23.4	23.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	75.	75.	75.	75.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	178.	178.	178.	178.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	151.	151.	151.	151.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0041

NPS Station ID: MEVE0041 | LAT/LON: 37.423892/-108.318115 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24248 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): MEVE_NURE_071 /1085072
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MILLWOOD COLORADO 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS AT A RESERVOIR AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/76-07/06/76	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/76-07/06/76	1	165.	165.	165.	165.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/76-07/06/76	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/76-07/06/76	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/76-07/06/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/76-07/06/76	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/76-07/06/76	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/76-07/06/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/76-07/06/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/76-07/06/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/06/76-07/06/76	1	106.	106.	106.	106.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/76-07/06/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/76-07/06/76	1	67.	67.	67.	67.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/76-07/06/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/76-07/06/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/76-07/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/76-07/06/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/06/76-07/06/76	1	0.74	0.74	0.74	0.74	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0042

NPS Station ID: MEVE0042 LAT/LON: 37.327226/-108.328893 Agency: 11NPSWRD Date Created: 09/12/98
Location: MANCOS RIVER AT H RD; DOWNSTREAM OF CHICKEN CK FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_MN2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MANCOS RIVER AT H ROAD; DOWNSTREAM FROM CHICKEN CREEK. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 371938108194401. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/05/94	2	105.	105.	108.	102.	18.	4.243	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/05/94	2	140.	140.	155.	125.	450.	21.213	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/05/94	2	285.	285.	300.	270.	450.	21.213	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/05/94	2	20.92	20.92	40.6	1.24	774.605	27.832	**	**	**	**

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

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

Station Inventory for Station: MEVE0043

NPS Station ID: MEVE0043 LAT/LON: 37.327226/-108.328893 Agency: 112WRD Date Created: 07/09/94
Location: MANCOS RIVER AT H ROAD, BELOW CHICKEN CR FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 371938108194401
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/22/94-07/05/94	2	16.	16.	20.	12.	32.	5.657	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/94-07/05/94	2	13.75	13.75	25.5	2.	276.125	16.617	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/22/94-07/05/94	2	596.5	596.5	600.	593.	24.5	4.95	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/94-07/05/94	2	20.	20.	39.	1.	722.	26.87	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/94-07/05/94	2	594.5	594.5	610.	579.	480.5	21.92	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/22/94-07/05/94	2	8.9	8.9	10.9	6.9	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	03/22/94-07/05/94	2	8.15	8.15	8.52	7.78	0.274	0.523	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/22/94-07/05/94	2	8.008	8.008	8.52	7.78	0.314	0.56	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/94-07/05/94	2	0.01	0.01	0.017	0.003	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/22/94-07/05/94	2	8.05	8.05	8.1	8.	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/94-07/05/94	2	8.047	8.047	8.1	8.	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/94-07/05/94	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/22/94-07/05/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/94-07/05/94	2	79.5	79.5	87.	72.	112.5	10.607	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/94-07/05/94	2	20.5	20.5	21.	20.	0.5	0.707	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/94-07/05/94	2	16.5	16.5	18.	15.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/94-07/05/94	2	2.15	2.15	2.2	2.1	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-07/05/94	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/22/94-07/05/94	2	165.	165.	180.	150.	450.	21.213	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/94-07/05/94	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/94-07/05/94	2	8.9	8.9	9.2	8.6	0.18	0.424	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/22/94-07/05/94	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0044

NPS Station ID: MEVE0044 LAT/LON: 37.326948/-108.329170 Agency: 112WRD Date Created: 02/20/76
Location: MANCOS RIVER AT CROSSING BELOW CHICKEN CREEK FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 371937108194500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.20 On/Off RF1:
RF3 Index: 14080107002000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/75-10/20/75	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	219.	219.	219.	219.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	1	267.	267.	267.	267.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	560.	560.	560.	560.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/20/75-10/20/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	1	818.	818.	818.	818.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	1	3.11	3.11	3.11	3.11	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	1	1.11	1.11	1.11	1.11	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0045

NPS Station ID: MEVE0045 | LAT/LON: 37.318477/-108.333615 | Agency: 11NPSWRD | Date Created: 09/12/98
Location: MANCOS RIVER DOWNSTREAM OF MANCOS | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MEVE_USGS_PR2
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE MANCOS RIVER DOWNSTREAM FROM MANCOS AND UPSTREAM FROM WEBER CANYON. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 94-4041. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/89-07/01/89	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/01/89-07/01/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/01/89-07/01/89	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	07/01/89-07/01/89	1	231.	231.	231.	231.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/01/89-07/01/89	1	0.81	0.81	0.81	0.81	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/01/89-07/01/89	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	07/01/89-07/01/89	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/01/89-07/01/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/01/89-07/01/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/01/89-07/01/89	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/01/89-07/01/89	1	149.	149.	149.	149.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/01/89-07/01/89	1	505.	505.	505.	505.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/01/89-07/01/89	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/01/89-07/01/89	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/01/89-07/01/89	1	88.	88.	88.	88.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/01/89-07/01/89	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/01/89-07/01/89	1	768.	768.	768.	768.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/01/89-07/01/89	1	207.	207.	207.	207.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/01/89-07/01/89	1	419.	419.	419.	419.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/01/89-07/01/89	1	20000.	20000.	20000.	20000.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/01/89-07/01/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/01/89-07/01/89	1	18500.	18500.	18500.	18500.	0.	0.	**	**	**	**
28011	URANIUM,NATURAL,TOTAL UG/L AS U	07/01/89-07/01/89	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
28011	URANIUM, NATURAL, TOTAL	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0046

NPS Station ID: MEVE0046 | LAT/LON: 37.373892/-108.335615 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24127 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MEVE_NURE_068 /1084971
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	126.	126.	126.	126.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	87.9	87.9	87.9	87.9	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1	82.	82.	82.	82.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	79.	79.	79.	79.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	643.	643.	643.	643.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	107.	107.	107.	107.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	111.	111.	111.	111.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	39.	39.	39.	39.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	3.33	3.33	3.33	3.33	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	1	1.00										1	1	1.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0047

NPS Station ID: MEVE0047 LAT/LON: 37.215615/-108.336892 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24022 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_023 /1084917
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL CANYON COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/76-05/24/76	1	14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/24/76-05/24/76	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/76-05/24/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/76-05/24/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/76-05/24/76	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/76-05/24/76	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/76-05/24/76	1	121.	121.	121.	121.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/76-05/24/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/76-05/24/76	1	172.	172.	172.	172.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/76-05/24/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/24/76-05/24/76	1	122.	122.	122.	122.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/76-05/24/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/76-05/24/76	1	129.	129.	129.	129.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/76-05/24/76	1	116.	116.	116.	116.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/76-05/24/76	1	182.	182.	182.	182.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/76-05/24/76	1	207.	207.	207.	207.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/24/76-05/24/76	1	59.	59.	59.	59.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/24/76-05/24/76	1	6.16	6.16	6.16	6.16	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	1	1.00										1	1	1.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0048

NPS Station ID: MEVE0048 LAT/LON: 37.315809/-108.338115 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24132 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_033 /1084975
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	13.9	13.9	13.9	13.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0049

NPS Station ID: MEVE0049
LAT/LON: 37.215838/-108.338615
Agency: 112WRD
Date Created: 02/20/76
Location: WEBER CANYON AT MOUTH
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 371257108201900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 1.60
On/Off RF1:
RF3 Index: 14080107002300.00
RF3 Mile Point: 0.02
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-10/21/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-10/21/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-10/21/75	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/21/75-10/21/75	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/21/75-10/21/75	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/21/75-10/21/75	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/75-10/21/75	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-10/21/75	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	1	288.	288.	288.	288.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-10/21/75	1	351.	351.	351.	351.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/21/75-10/21/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-10/21/75	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/21/75-10/21/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/21/75-10/21/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-10/21/75	1	830.	830.	830.	830.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-10/21/75	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-10/21/75	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-10/21/75	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/21/75-10/21/75	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/21/75-10/21/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-10/21/75	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-10/21/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-10/21/75	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-10/21/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-10/21/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-10/21/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-10/21/75	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-10/21/75	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	1	30.3	30.3	30.3	30.3	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-10/21/75	1	2.45	2.45	2.45	2.45	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0050

NPS Station ID: MEVE0050 LAT/LON: 37.216892/-108.339199 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24023 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_024 /1084918
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL CANYON COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS INSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/76-05/24/76	1	15.9	15.9	15.9	15.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/24/76-05/24/76	1	875.	875.	875.	875.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/76-05/24/76	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/76-05/24/76	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/76-05/24/76	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/76-05/24/76	1	98.4	98.4	98.4	98.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/76-05/24/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/76-05/24/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/76-05/24/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/76-05/24/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/24/76-05/24/76	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/76-05/24/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/76-05/24/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/76-05/24/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/76-05/24/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/76-05/24/76	1	157.	157.	157.	157.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/24/76-05/24/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/24/76-05/24/76	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0051

NPS Station ID: MEVE0051
LAT/LON: 37.216115/-108.339448
Agency: 112WRD
Date Created: 07/30/76
Location: MANCOS RIVER ABOVE WEBER CANYON
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 371258108202200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 14080107026600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-10/21/75	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-10/21/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-10/21/75	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/21/75-10/21/75	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/21/75-10/21/75	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/21/75-10/21/75	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/75-10/21/75	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-10/21/75	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-10/21/75	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/21/75-10/21/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-10/21/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/21/75-10/21/75	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/21/75-10/21/75	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	1	990.	990.	990.	990.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-10/21/75	1	780.	780.	780.	780.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-10/21/75	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-10/21/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-10/21/75	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/21/75-10/21/75	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/21/75-10/21/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-10/21/75	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-10/21/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-10/21/75	1	930.	930.	930.	930.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-10/21/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-10/21/75	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-10/21/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-10/21/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-10/21/75	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	1	46.2	46.2	46.2	46.2	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-10/21/75	1	2.04	2.04	2.04	2.04	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0052

NPS Station ID: MEVE0052
LAT/LON: 37.291670/-108.340838
Agency: 112WRD
Date Created: 09/30/89
Location: LA PLATA RIVER AT HWY 160 AT HESPERUS CO.
FIPS State/County: 08067 COLORADO/LA PLATA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 371730108202701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080105
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080105
RF1 Mile Point: 0.000
Distance from RF1: 13.30
On/Off RF1:
RF3 Index: 14080105072301.99
RF3 Mile Point: 4.71
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	05/15/89-07/25/89	2	32.	32.	34.	30.	8.	2.828	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/89-07/25/89	2	10.	10.	12.	8.	8.	2.828	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/15/89-07/25/89	2	588.5	588.5	593.	584.	40.5	6.364	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/15/89-07/25/89	2	30.5	30.5	36.	25.	60.5	7.778	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/89-07/25/89	2	120.	120.	124.	116.	32.	5.657	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/89-07/25/89	2	8.45	8.45	8.9	8.	0.405	0.636	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/89-07/25/89	2	8.45	8.45	8.5	8.4	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/89-07/25/89	2	8.447	8.447	8.5	8.4	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/89-07/25/89	2	0.004	0.004	0.004	0.003	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/89-07/25/89	2	8.2	8.2	8.3	8.1	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/89-07/25/89	2	8.189	8.189	8.3	8.1	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/89-07/25/89	2	0.006	0.006	0.008	0.005	0.	0.002	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/15/89-07/25/89	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/89-07/25/89	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/15/89-07/25/89	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/89-07/25/89	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/89-07/25/89	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/15/89-07/25/89	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/89-07/25/89	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/15/89-07/25/89	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/15/89-07/25/89	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/15/89-07/25/89	2	2.95	2.95	3.	2.9	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/15/89-07/25/89	2	1.4	1.4	1.5	1.3	0.02	0.141	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/15/89-07/25/89	2	0.7	0.7	0.8	0.6	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/89-07/25/89	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/15/89-07/25/89	2	16.5	16.5	18.	15.	4.5	2.121	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/15/89-07/25/89	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/15/89-07/25/89	2	7.35	7.35	7.4	7.3	0.005	0.071	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/15/89-07/25/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/15/89-07/25/89	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/89-07/25/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/15/89-07/25/89	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/15/89-07/25/89	2	17.	17.	19.	15.	8.	2.828	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/15/89-07/25/89	2	230.	230.	300.	160.	9800.	98.995	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/15/89-07/25/89	2 ##	30.	30.	50.	10.	800.	28.284	**	**	**	**

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

Parameter Inventory for Station: MEVE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	05/15/89-07/25/89	2	30.	30.	30.	30.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/15/89-07/25/89	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/15/89-07/25/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/15/89-07/25/89	2	87.	87.	92.	82.	50.	7.071	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/15/89-07/25/89	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	05/15/89-07/25/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	250.	2	0	0.00	1	0	0.00							1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00							1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00							1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	5.	2	0	0.00	1	0	0.00							1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	1	0.50	1	0	0.00							1	1	1.00
		Drinking Water	1300.	2	0	0.00	1	0	0.00							1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	15.	1 &	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	5000.	2	0	0.00	1	0	0.00							1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	2	0	0.00	1	0	0.00							1	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	1	0	0.00							1	0	0.00
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	2.	2	0	0.00	1	0	0.00							1	0	0.00

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

Station Inventory for Station: MEVE0053

NPS Station ID: MEVE0053 LAT/LON: 37.382809/-108.342810 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24125 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_067 /1084969
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MILLWOOD COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	98.4	98.4	98.4	98.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	53.3	53.3	53.3	53.3	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	125.	125.	125.	125.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	58.	58.	58.	58.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	123.	123.	123.	123.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	78.	78.	78.	78.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	1.81	1.81	1.81	1.81	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0054

NPS Station ID: MEVE0054 LAT/LON: 37.350003/-108.343115 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24138 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_063 /1084979
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	63.1	63.1	63.1	63.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	28.8	28.8	28.8	28.8	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1	58.	58.	58.	58.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0055

NPS Station ID: MEVE0055 LAT/LON: 37.433337/-108.350003 Agency: 21COLSS0 Date Created: 03/21/81
Location: LOST CANYON CR AT NAT FOREST BOUNDARY FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): LOST01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
LOST CANYON RD ON UNMARKED 4WD RD AT NATIONAL FOREST BOUNDARY MONTEZUMA COUNTY
R14W T37N SECTION 26 SAMPLED FOR STREAM CLASSIFICATIONS FISH DATA ONLY

Parameter Inventory for Station: MEVE0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0056

NPS Station ID: MEVE0056 LAT/LON: 37.336892/-108.351698 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24137 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_036 /1084978
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	900.	900.	900.	900.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	47.9	47.9	47.9	47.9	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1	79.	79.	79.	79.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	99.	99.	99.	99.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	122.	122.	122.	122.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	96.	96.	96.	96.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	1.35	1.35	1.35	1.35	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0057

NPS Station ID: MEVE0057
LAT/LON: 37.311115/-108.352503
Agency: 112WRD
Date Created: 09/17/94
Location: POND NEAR 38 AND G ROADS (COLBERT)
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 371840108210901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14080105000100.22
RF3 Mile Point: 1.56
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/94-06/15/94	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	06/15/94-06/15/94	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/94-06/15/94	1	801.	801.	801.	801.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/15/94-06/15/94	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/15/94-06/15/94	1	8.39	8.39	8.39	8.39	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/15/94-06/15/94	1	8.39	8.39	8.39	8.39	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/94-06/15/94	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/15/94-06/15/94	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/94-06/15/94	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/94-06/15/94	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/15/94-06/15/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/94-06/15/94	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/94-06/15/94	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/94-06/15/94	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/94-06/15/94	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/15/94-06/15/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/15/94-06/15/94	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/94-06/15/94	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/94-06/15/94	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/94-06/15/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/94-06/15/94	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/15/94-06/15/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00										1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0058

NPS Station ID: MEVE0058 LAT/LON: 37.311115/-108.352503 Agency: 11NPSWRD Date Created: 09/12/98
Location: POND NEAR 38 ROAD AND G ROAD IN MANCOS VALLEY FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): MEVE_USGS_MNP1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POND NEAR 38 ROAD AND G ROAD IN MANCOS VALLEY. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 94-4041. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 371840108210901. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: MEVE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/15/94-06/15/94	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	1	175.	175.	175.	175.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/94-06/15/94	1	390.	390.	390.	390.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: MEVE0059

NPS Station ID: MEVE0059
LAT/LON: 37.270281/-108.360282
Agency: 112WRD
Date Created: 02/20/76
Location: MANCOS RIVER ABOVE CANYON
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 371613108213700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 14080107001500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/75-10/20/75	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	225.	225.	225.	225.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	1	274.	274.	274.	274.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	990.	990.	990.	990.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	1	760.	760.	760.	760.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/20/75-10/20/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	1	910.	910.	910.	910.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/20/75-10/20/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/20/75-10/20/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	1	1490.	1490.	1490.	1490.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	1	43.	43.	43.	43.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	1	2.03	2.03	2.03	2.03	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/20/75-10/20/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0060

NPS Station ID: MEVE0060 LAT/LON: 37.280004/-108.361948 Agency: 112WRD Date Created: 07/09/94
Location: MANCOS RIVER 1.2 MILES BELOW MUD CREEK FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 371648108214301
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/22/94-07/06/94	2	25.	25.	33.	17.	128.	11.314	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/94-07/06/94	2	9.25	9.25	13.	5.5	28.125	5.303	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/22/94-07/06/94	2	604.	604.	607.	601.	18.	4.243	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/94-07/06/94	2	31.	31.	53.	9.	968.	31.113	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/94-07/06/94	2	1345.	1345.	1680.	1010.	224450.	473.762	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/22/94-07/06/94	2	9.25	9.25	10.2	8.3	1.805	1.344	**	**	**	**
00400	PH (STANDARD UNITS)	03/22/94-07/06/94	2	8.17	8.17	8.36	7.98	0.072	0.269	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/22/94-07/06/94	2	8.13	8.13	8.36	7.98	0.075	0.275	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/94-07/06/94	2	0.007	0.007	0.01	0.004	0.	0.004	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/22/94-07/06/94	2	8.	8.	8.1	7.9	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/94-07/06/94	2	7.989	7.989	8.1	7.9	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/94-07/06/94	2	0.01	0.01	0.013	0.008	0.	0.003	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/22/94-07/06/94	2 ##	0.063	0.063	0.1	0.025	0.003	0.053	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/94-07/06/94	2	150.	150.	200.	100.	5000.	70.711	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/94-07/06/94	2	64.	64.	84.	44.	800.	28.284	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/94-07/06/94	2	69.5	69.5	87.	52.	612.5	24.749	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/94-07/06/94	2	3.3	3.3	3.8	2.8	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-07/06/94	2	10.5	10.5	12.	9.	4.5	2.121	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/22/94-07/06/94	2	565.	565.	740.	390.	61250.	247.487	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/94-07/06/94	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/94-07/06/94	2	9.05	9.05	9.8	8.3	1.125	1.061	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/22/94-07/06/94	2	4.	4.	6.	2.	8.	2.828	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00							1	1	1.00	1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0061

NPS Station ID: MEVE0061 LAT/LON: 37.280004/-108.361948 Agency: 11NPSWRD Date Created: 09/12/98
Location: MANCOS RIVER 1.2 MILES DOWNSTREAM FROM MUD CK FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_MN3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MANCOS RIVER 1.2 MILES DOWNSTREAM FROM MUD CREEK. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 37164810824301. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: MEVE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/06/94	2	101.5	101.5	103.	100.	4.5	2.121	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	2	194.	194.	238.	150.	3872.	62.225	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	2	640.	640.	850.	430.	88200.	296.985	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/06/94	2	64.95	64.95	99.3	30.6	2359.845	48.578	**	**	**	**

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

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

Station Inventory for Station: MEVE0062

NPS Station ID: MEVE0062 LAT/LON: 37.281420/-108.362892 Agency: 11NPSWRD Date Created: 07/03/99
Location: MANCOS RIVER FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NPS_200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6280 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MANCOS RIVER OUTSIDE OF MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOUR- CES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-07/22/98	10	1463.	1476.	2253.	947.	139194.889	373.088	952.3	1222.	1684.5	2200.5
00400	PH (STANDARD UNITS)	11/01/86-07/22/98	10	7.85	7.61	8.1	6.1	0.365	0.605	6.22	7.3	8.	8.09
00400	CONVERTED PH (STANDARD UNITS)	11/01/86-07/22/98	10	7.847	7.006	8.1	6.1	0.771	0.878	6.22	7.3	8.	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/86-07/22/98	10	0.014	0.099	0.794	0.008	0.06	0.245	0.008	0.01	0.05	0.72
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-07/22/98	7	216.	213.714	262.	173.	906.905	30.115	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-07/22/98	10	252.5	254.3	320.	212.	1221.789	34.954	212.2	225.25	277.5	316.5
00445	CARBONATE ION (MG/L AS CO3)	11/01/86-07/22/98	10 ##	0.275	0.275	0.5	0.05	0.056	0.237	0.05	0.05	0.5	0.5
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-07/22/98	5 ##	0.05	0.101	0.2	0.005	0.009	0.092	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-07/22/98	10	0.15	0.145	0.2	0.05	0.004	0.06	0.055	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-07/22/98	7	736.	728.	1008.	553.	21390.	146.253	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-07/22/98	10	171.8	172.22	222.	124.	906.22	30.103	126.42	152.175	191.175	221.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-07/22/98	10	67.95	69.52	114.	42.5	418.444	20.456	42.7	55.6	80.325	110.79
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-07/22/98	10	71.3	74.12	134.	38.9	695.322	26.369	40.24	57.1	84.85	129.76
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-07/22/98	10	2.8	2.62	3.8	1.	0.64	0.8	1.1	2.	3.15	3.75
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-07/22/98	10	15.	19.3	66.	8.	281.567	16.78	8.3	11.75	18.5	61.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-07/22/98	10	590.3	631.8	1018.	365.	36834.	191.922	372.43	520.075	718.15	1003.3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/15/89	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-07/22/98	10	50.	52.	80.	20.	262.222	16.193	22.	47.5	62.5	79.
01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-07/22/98	10	80.	78.	110.	30.	528.889	22.998	33.	67.5	100.	109.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-07/22/98	10 ##	5.	4.2	5.	2.	1.678	1.295	2.05	2.5	5.	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-07/22/98	10	35.	30.	50.	10.	200.	14.142	10.	17.5	40.	49.
01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-07/22/98	10 ##	5.	6.	10.	5.	4.444	2.108	5.	5.	6.25	10.
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-07/22/98	10	145.	399.5	1790.	5.	354924.722	595.756	9.5	65.	540.	1728.

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

Parameter Inventory for Station: MEVE0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-07/22/98	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-07/22/98	10	15.	26.	70.	5.	598.889	24.472	5.	8.75	52.5	69.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-07/22/98	10 ##	7.5	14.5	80.	5.	535.833	23.148	5.	5.	10.	73.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-07/22/98	10	20.	21.5	70.	5.	344.722	18.567	5.5	10.	22.5	66.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-10/01/87	2	1260.	1260.	1500.	1020.	115200.	339.411	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-07/22/98	10	10.	321.	3100.	5.	953510.	976.478	5.	5.	22.5	2793.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-07/22/98	10	100.	130.	400.	50.	12333.333	111.056	50.	50.	200.	380.
01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-10/01/87	2	6.	6.	6.	6.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-07/22/98	10	3.5	4.6	15.	0.5	17.989	4.241	0.5	1.625	6.25	14.2
01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-10/01/87	2 ##	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-08/15/93	2	17.555	17.555	19.51	15.6	7.644	2.765	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-08/15/93	2	16.8	16.8	18.1	15.5	3.38	1.838	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-07/22/98	7	500.	3385.143	15000.	43.	29236292.143	5407.059	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-07/22/98	7	2.699	2.897	4.176	1.633	0.852	0.923	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			789.029								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-07/22/98	7	300.	2809.429	15000.	23.	29753575.952	5454.684	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-07/22/98	7	2.477	2.681	4.176	1.362	0.928	0.964	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			480.235								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-07/22/98	6	1253.5	1283.333	1780.	987.	73417.867	270.957	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-08/15/95	7 ##	0.25	0.857	2.7	0.05	1.055	1.027	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	10	0	0.00	9	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	10	1	0.10	9	1	0.11	1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	5	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	10	0	0.00	9	0	0.00	1	0	0.00						
		Drinking Water	250.	10	0	0.00	9	0	0.00	1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	10	10	1.00	9	9	1.00	1	1	1.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	10	0	0.00	9	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3 &	0	0.00	3	0	0.00									
		Drinking Water	5.	3 &	0	0.00	3	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	10	0	0.00	9	0	0.00	1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	10	0	0.00	9	0	0.00	1	0	0.00						
		Drinking Water	1300.	10	0	0.00	9	0	0.00	1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	10	0	0.00	9	0	0.00	1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	10	0	0.00	9	0	0.00	1	0	0.00						
		Drinking Water	100.	10	0	0.00	9	0	0.00	1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	10	1	0.10	9	1	0.11	1	0	0.00						
		Drinking Water	5000.	10	0	0.00	9	0	0.00	1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	10	0	0.00	9	0	0.00	1	0	0.00						
		Drinking Water	50.	10	0	0.00	9	0	0.00	1	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	7	3	0.43	7	3	0.43									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	7	4	0.57	7	4	0.57									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	6	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 7/15 to 10/31 - Station MEVE0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-07/22/98	9	1490.	1528.889	2253.	947.	125125.361	353.731	947.	1353.	1699.	2253.
00400	PH (STANDARD UNITS)	11/01/86-07/22/98	9	7.8	7.567	8.1	6.1	0.39	0.624	6.1	7.3	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	11/01/86-07/22/98	9	7.8	6.965	8.1	6.1	0.798	0.893	6.1	7.3	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/86-07/22/98	9	0.016	0.108	0.794	0.008	0.066	0.258	0.008	0.01	0.05	0.794
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-07/22/98	9	263.	258.778	320.	212.	1148.944	33.896	212.	229.	280.	320.
00445	CARBONATE ION (MG/L AS CO3)	11/01/86-07/22/98	9 ##	0.05	0.25	0.5	0.05	0.056	0.237	0.05	0.05	0.5	0.5
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-07/22/98	9	0.2	0.15	0.2	0.05	0.004	0.061	0.05	0.1	0.2	0.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-07/22/98	9	175.6	177.578	222.	148.2	696.557	26.392	148.2	153.75	199.45	222.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-07/22/98	9	68.	72.522	114.	44.5	369.349	19.218	44.5	61.2	80.85	114.
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-07/22/98	9	75.6	78.033	134.	52.3	609.953	24.697	52.3	58.8	87.1	134.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-07/22/98	9	2.9	2.644	3.8	1.	0.713	0.844	1.	2.	3.2	3.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-07/22/98	9	15.	19.444	66.	8.	316.528	17.791	8.	11.5	18.	66.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-07/22/98	9	594.5	661.444	1018.	439.3	31551.828	177.628	439.3	557.5	769.1	1018.
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-07/22/98	9	50.	50.	80.	20.	250.	15.811	20.	45.	55.	80.
01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-07/22/98	9	80.	80.	110.	30.	550.	23.452	30.	70.	100.	110.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-07/22/98	9 ##	5.	4.111	5.	2.	1.799	1.341	2.	2.5	5.	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-07/22/98	9	40.	32.222	50.	10.	169.444	13.017	10.	20.	40.	50.
01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-07/22/98	9 ##	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-07/22/98	9	80.	313.889	1790.	5.	316836.111	562.882	5.	60.	270.	1790.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-07/22/98	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-07/22/98	9	10.	21.111	60.	5.	404.861	20.121	5.	7.5	35.	60.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-07/22/98	9 ##	5.	7.222	10.	5.	6.944	2.635	5.	5.	10.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-07/22/98	9	20.	22.778	70.	5.	369.444	19.221	5.	10.	25.	70.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-07/22/98	9	10.	355.556	3100.	5.	1059265.278	1029.206	5.	5.	25.	3100.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-07/22/98	9	100.	100.	200.	50.	3750.	61.237	50.	50.	150.	200.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-07/22/98	9	4.	5.056	15.	0.5	17.903	4.231	0.5	2.5	6.5	15.

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

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station MEVE0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-07/22/98	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/86-07/22/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/01/86-07/22/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/86-07/22/98	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-07/22/98	1	214.	214.	214.	214.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/01/86-07/22/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-07/22/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-07/22/98	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-07/22/98	1	42.5	42.5	42.5	42.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-07/22/98	1	38.9	38.9	38.9	38.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-07/22/98	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-07/22/98	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-07/22/98	1	365.	365.	365.	365.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-07/22/98	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-07/22/98	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-07/22/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-07/22/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-07/22/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-07/22/98	1	1170.	1170.	1170.	1170.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-07/22/98	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-07/22/98	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-07/22/98	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-07/22/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-07/22/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-07/22/98	1	400.	400.	400.	400.	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station MEVE0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-07/22/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Station Inventory for Station: MEVE0063

NPS Station ID: MEVE0063 LAT/LON: 37.298309/-108.363309 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24134 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_035 /1084977
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	1465.	1465.	1465.	1465.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	157.	157.	157.	157.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	71.8	71.8	71.8	71.8	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1	126.	126.	126.	126.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	109.	109.	109.	109.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	185.	185.	185.	185.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	194.	194.	194.	194.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	214.	214.	214.	214.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	48.	48.	48.	48.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	4.72	4.72	4.72	4.72	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	1	1.00										1	1	1.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0064

NPS Station ID: MEVE0064 LAT/LON: 37.379392/-108.365809 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24126 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): MEVE_NURE_065 /1084970
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MILLWOOD COLORADO 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS AT A RESERVOIR AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	88.3	88.3	88.3	88.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	69.7	69.7	69.7	69.7	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	108.	108.	108.	108.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	175.	175.	175.	175.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	113.	113.	113.	113.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	2.43	2.43	2.43	2.43	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0065

NPS Station ID: MEVE0065 LAT/LON: 37.295004/-108.365809 Agency: 11NPSWRD Date Created: 07/03/99
Location: MANCOS RIVER BELOW CONFLUENCE WITH MUD CREEK FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NPS_MRBC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MANCOS RIVER BELOW ITS CONFLUENCE WITH MUD CREEK OUTSIDE OF MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/26/95-07/26/95	1	150.	150.	150.	150.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/26/95-07/26/95	1	2.176	2.176	2.176	2.176	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			150.								

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

EPA Water Quality Criteria Analysis for Station: MEVE0065

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0066

NPS Station ID: MEVE0066 LAT/LON: 37.296392/-108.366115 Agency: 11NPSWRD Date Created: 09/12/98
Location: MUD CREEK AT MOUTH NEAR MANCOS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_MUD
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MOUTH OF MUD CREEK NEAR MANCOS. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 371747108215801. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/06/94	2	94.5	94.5	98.	91.	24.5	4.95	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	2	195.5	195.5	223.	168.	1512.5	38.891	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	2	690.	690.	700.	680.	200.	14.142	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/06/94	2	29.75	29.75	44.4	15.1	429.245	20.718	**	**	**	**

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

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

Station Inventory for Station: MEVE0067

NPS Station ID: MEVE0067
LAT/LON: 37.296392/-108.366115
Agency: 112WRD
Date Created: 07/09/94
Location: MUD CREEK AT MOUTH, NEAR MANCOS
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 371747108215801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14080105000100.22
RF3 Mile Point: 1.56
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/22/94-07/06/94	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/94-07/06/94	2	8.5	8.5	12.	5.	24.5	4.95	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/22/94-07/06/94	2	603.	603.	606.	600.	18.	4.243	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/94-07/06/94	2	9.	9.	13.	5.	32.	5.657	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/94-07/06/94	2	1610.	1610.	1680.	1540.	9800.	98.995	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/22/94-07/06/94	2	8.75	8.75	9.8	7.7	2.205	1.485	**	**	**	**
00400	PH (STANDARD UNITS)	03/22/94-07/06/94	2	8.195	8.195	8.43	7.96	0.11	0.332	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/22/94-07/06/94	2	8.134	8.134	8.43	7.96	0.118	0.343	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/94-07/06/94	2	0.007	0.007	0.011	0.004	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/22/94-07/06/94	2	7.95	7.95	8.	7.9	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/94-07/06/94	2	7.947	7.947	8.	7.9	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/94-07/06/94	2	0.011	0.011	0.013	0.01	0.	0.002	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/22/94-07/06/94	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/94-07/06/94	2	150.	150.	160.	140.	200.	14.142	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/94-07/06/94	2	77.	77.	80.	74.	18.	4.243	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/94-07/06/94	2	117.	117.	140.	94.	1058.	32.527	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/94-07/06/94	2	3.85	3.85	4.1	3.6	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-07/06/94	2	16.	16.	19.	13.	18.	4.243	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/22/94-07/06/94	2	710.	710.	770.	650.	7200.	84.853	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/94-07/06/94	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/94-07/06/94	2	9.25	9.25	9.5	9.	0.125	0.354	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/22/94-07/06/94	2	8.	8.	10.	6.	8.	2.828	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00							1	1	1.00	1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0068

NPS Station ID: MEVE0068
LAT/LON: 37.296116/-108.366392
Agency: 112WRD
Date Created: 02/20/76
Location: MUD CREEK AT ROAD CROSSING
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 371746108215900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 14080107001804.43
RF3 Mile Point: 4.43
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/75-10/20/75	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-10/20/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-10/20/75	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/20/75-10/20/75	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/75-10/20/75	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/75-10/20/75	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/20/75-10/20/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	239.	239.	239.	239.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/20/75-10/20/75	1	291.	291.	291.	291.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/20/75-10/20/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/75-10/20/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/20/75-10/20/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/75-10/20/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/75-10/20/75	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/20/75-10/20/75	1	770.	770.	770.	770.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/75-10/20/75	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/75-10/20/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/75-10/20/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/20/75-10/20/75	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/20/75-10/20/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/75-10/20/75	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-10/20/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-10/20/75	1	940.	940.	940.	940.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/20/75-10/20/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-10/20/75	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-10/20/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-10/20/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/20/75-10/20/75	1	1560.	1560.	1560.	1560.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/20/75-10/20/75	1	22.3	22.3	22.3	22.3	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/20/75-10/20/75	1	2.12	2.12	2.12	2.12	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0069

NPS Station ID: MEVE0069 LAT/LON: 37.297198/-108.366392 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24133 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_034 /1084976
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MANCOS COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/76-05/27/76	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/76-05/27/76	1	1420.	1420.	1420.	1420.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/76-05/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/76-05/27/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/76-05/27/76	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/76-05/27/76	1	62.6	62.6	62.6	62.6	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/76-05/27/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/76-05/27/76	1	128.	128.	128.	128.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/76-05/27/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/76-05/27/76	1	73.	73.	73.	73.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/76-05/27/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/76-05/27/76	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/27/76-05/27/76	1	153.	153.	153.	153.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/76-05/27/76	1	72.	72.	72.	72.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/76-05/27/76	1	173.	173.	173.	173.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/27/76-05/27/76	1	39.	39.	39.	39.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/27/76-05/27/76	1	3.35	3.35	3.35	3.35	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0070

NPS Station ID: MEVE0070 LAT/LON: 37.178615/-108.369392 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24026 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_025 /1084919
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL CANYON COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/76-05/24/76	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/24/76-05/24/76	1	975.	975.	975.	975.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/76-05/24/76	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/76-05/24/76	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/76-05/24/76	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/76-05/24/76	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/76-05/24/76	1	60.7	60.7	60.7	60.7	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/76-05/24/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/76-05/24/76	1	102.	102.	102.	102.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/76-05/24/76	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/24/76-05/24/76	1	93.	93.	93.	93.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/76-05/24/76	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/76-05/24/76	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/76-05/24/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/76-05/24/76	1	78.	78.	78.	78.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/76-05/24/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	05/24/76-05/24/76	1	33.	33.	33.	33.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/24/76-05/24/76	1	3.27	3.27	3.27	3.27	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0071

NPS Station ID: MEVE0071 LAT/LON: 37.328116/-108.375616 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24484 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_031 /1085191
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-09/01/77	1	10500.	10500.	10500.	10500.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/77-09/01/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/77-09/01/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/77-09/01/77	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/77-09/01/77	1	352.	352.	352.	352.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/77-09/01/77	1	556.	556.	556.	556.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	1	105.	105.	105.	105.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/77-09/01/77	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/01/77-09/01/77	1	205.	205.	205.	205.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/77-09/01/77	1	129.	129.	129.	129.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	1	282.	282.	282.	282.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	1	348.	348.	348.	348.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/01/77-09/01/77	1	89.	89.	89.	89.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/01/77-09/01/77	1	27.09	27.09	27.09	27.09	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: MEVE0072

NPS Station ID: MEVE0072 LAT/LON: 37.228059/-108.378477 Agency: 11NPSWRD Date Created: 07/03/99
Location: WHITES CANYON RESERVOIR FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): MEVE_NPS_155
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 7250 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT WHITES CANYON RESERVOIR IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-09/21/90	1	9127.	9127.	9127.	9127.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/21/90-09/21/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/21/90-09/21/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	1	365.	365.	365.	365.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-09/21/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/90-09/21/90	1	84.3	84.3	84.3	84.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-09/21/90	1	21.1	21.1	21.1	21.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/90-09/21/90	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-09/21/90	1	20.1	20.1	20.1	20.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/21/90-09/21/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-09/21/90	1	30.2	30.2	30.2	30.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/21/90-09/21/90	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/21/90-09/21/90	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/21/90-09/21/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/21/90-09/21/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/21/90-09/21/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/21/90-09/21/90	1	700.	700.	700.	700.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/21/90-09/21/90	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/21/90-09/21/90	1	1240.	1240.	1240.	1240.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/21/90-09/21/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/21/90-09/21/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/21/90-09/21/90	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/21/90-09/21/90	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/21/90-09/21/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0073

NPS Station ID: MEVE0073 LAT/LON: 37.306115/-108.386699 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24485 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_032 /1085192
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	1	20.6	20.6	20.6	20.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-09/01/77	1	13300.	13300.	13300.	13300.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/77-09/01/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/77-09/01/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/77-09/01/77	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/77-09/01/77	1	385.	385.	385.	385.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/77-09/01/77	1	721.	721.	721.	721.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	1	144.	144.	144.	144.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/77-09/01/77	1	498.	498.	498.	498.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/01/77-09/01/77	1	279.	279.	279.	279.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	1	8384.	8384.	8384.	8384.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/77-09/01/77	1	332.	332.	332.	332.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	1	247.	247.	247.	247.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	1	366.	366.	366.	366.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/01/77-09/01/77	1	104.	104.	104.	104.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/01/77-09/01/77	1	138.53	138.53	138.53	138.53	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	1	1.00	1	1	1.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: MEVE0074

NPS Station ID: MEVE0074 | LAT/LON: 37.265642/-108.391253 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: WATERS SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_045
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7800 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT WATERS SPRING IN MESA VERDE NATIONAL PARK. DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOUR- CES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/93-08/15/93	1	9850.	9850.	9850.	9850.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/93-08/15/93	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/93-08/15/93	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/93-08/15/93	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	1	823.	823.	823.	823.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/15/93-08/15/93	1	1004.	1004.	1004.	1004.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/15/93-08/15/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/93-08/15/93	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	2	1359.5	1359.5	1458.	1261.	19404.5	139.3	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/15/93-08/15/93	2	170.8	170.8	184.3	157.3	364.5	19.092	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/15/93-08/15/93	2	227.05	227.05	242.8	211.3	496.125	22.274	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/15/93-08/15/93	2	1111.4	1111.4	1314.8	908.	82743.12	287.651	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/15/93-08/15/93	2	21.65	21.65	28.3	15.	88.445	9.405	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/93-08/15/93	1	286.	286.	286.	286.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/93-08/15/93	1	2965.	2965.	2965.	2965.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/15/93-08/15/93	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/15/93-08/15/93	1	870.	870.	870.	870.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/15/93-08/15/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/15/93-08/15/93	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/15/93-08/15/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/15/93-08/15/93	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/15/93-08/15/93	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/15/93-08/15/93	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/15/93-08/15/93	1	30.	30.	30.	30.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/15/93-08/15/93	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/15/93-08/15/93	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/15/93-08/15/93	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/15/93-08/15/93	1	17.	17.	17.	17.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	86.38	86.38	86.38	86.38	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	87.09	87.09	87.09	87.09	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/93-08/15/93	2	5794.5	5794.5	6034.	5555.	114720.5	338.704	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/93-08/15/93	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	1	1.00	1	1	1.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0075

NPS Station ID: MEVE0075 | LAT/LON: 37.260920/-108.392921 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: WATERS CANYON DRAINAGE SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_223
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7650 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR WATERS CANYON DRAINAGE IN MESA VERDE NATIONAL PARK. DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/89-10/15/89	1	3031.	3031.	3031.	3031.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/89-10/15/89	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/89-10/15/89	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/89-10/15/89	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	1	839.	839.	839.	839.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/89-10/15/89	1	1023.	1023.	1023.	1023.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/15/89-10/15/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-10/15/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/89-10/15/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	1	792.	792.	792.	792.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/89-10/15/89	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/89-10/15/89	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/89-10/15/89	1	389.	389.	389.	389.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/89-10/15/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/89-10/15/89	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/89-10/15/89	1	730.	730.	730.	730.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/89-10/15/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/89-10/15/89	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/89-10/15/89	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/89-10/15/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/89-10/15/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/89-10/15/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/15/89-10/15/89	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/89-10/15/89	1	70.	70.	70.	70.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/89-10/15/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/89-10/15/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/89-10/15/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/89-10/15/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/89-10/15/89	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/89-10/15/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-10/15/89	1	2446.	2446.	2446.	2446.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/89-10/15/89	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0076

NPS Station ID: MEVE0076 LAT/LON: 37.309170/-108.393449 Agency: 11NPSWRD Date Created: 07/03/99
Location: SWITCHBACK HILL SPRING FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_078
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6800 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING AT SWITCHBACK HILL JUST OUTSIDE OF MESA VERDE NATIONAL PARK. DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/15/95-08/15/95	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/15/95-08/15/95	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2400.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/15/95-08/15/95	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/15/95-08/15/95	1	3.041	3.041	3.041	3.041	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1100.								

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

EPA Water Quality Criteria Analysis for Station: MEVE0076

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: MEVE0077

NPS Station ID: MEVE0077 | LAT/LON: 37.236448/-108.398588 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: EAST CANYON ROAD CUT | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /CANAL/TYPA/AMBNT | STORET Station ID(s): MEVE_NPS_221
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7500 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE EAST CANYON ROAD CUT IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/88-09/15/88	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/88-09/15/88	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/88-09/15/88	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-09/15/88	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-09/15/88	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-09/15/88	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-09/15/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-09/15/88	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-09/15/88	1	520.	520.	520.	520.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-09/15/88	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	1	800.	800.	800.	800.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: MEVE0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0078

NPS Station ID: MEVE0078 LAT/LON: 37.315281/-108.399449 Agency: 11NPSWRD Date Created: 07/03/99
Location: BASE OF SWITCHBACK ROAD FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_077
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6700 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING AT THE BASE OF SWITCHBACK ROAD IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/84-08/15/95	3	5180.	6337.333	9080.	4752.	5687461.333	2384.84	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/84-08/15/95	3	7.7	7.567	8.	7.	0.263	0.513	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/84-08/15/95	3	7.7	7.363	8.	7.	0.325	0.57	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/84-08/15/95	3	0.02	0.043	0.1	0.01	0.002	0.049	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-08/15/95	2	533.5	533.5	554.	513.	840.5	28.991	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-08/15/95	3	676.	703.	807.	626.	8737.	93.472	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/88-08/15/95	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-08/15/95	3	0.5	0.417	0.7	0.05	0.111	0.333	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-08/15/95	2	2414.5	2414.5	2659.	2170.	119560.5	345.775	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-08/15/95	3	497.5	478.833	532.	407.	4167.583	64.557	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-08/15/95	3	319.	544.9	1090.	225.7	225026.73	474.37	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-08/15/95	3	359.	606.267	1110.	349.8	190331.613	436.27	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-08/15/95	3	6.7	7.533	10.	5.9	4.723	2.173	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-08/15/95	3	129.	120.	138.	93.	567.	23.812	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-08/15/95	3	2731.	3637.	6030.	2150.	4379227.	2092.66	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-09/15/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-08/15/95	3	30.	33.333	50.	20.	233.333	15.275	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-08/15/95	3	250.	263.333	350.	190.	6533.333	80.829	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-08/15/95	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-08/15/95	3	60.	55.	100.	5.	2275.	47.697	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-08/15/95	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-08/15/95	3	160.	893.333	2420.	100.	1748933.333	1322.472	**	**	**	**

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

Parameter Inventory for Station: MEVE0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-08/15/95	3 ##	25.	33.333	50.	25.	208.333	14.434	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-08/15/95	3	740.	586.667	960.	60.	220133.333	469.184	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-08/15/95	3	10.	15.	30.	5.	175.	13.229	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-08/15/95	3	70.	55.	90.	5.	1975.	44.441	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/15/84	1	8430.	8430.	8430.	8430.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-08/15/95	3	20.	21.667	40.	5.	308.333	17.559	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-08/15/95	3	400.	350.	600.	50.	77500.	278.388	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-08/15/95	3	1.	6.5	18.	0.5	99.25	9.962	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	70.6	70.6	70.6	70.6	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	68.9	68.9	68.9	68.9	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/12/98-08/12/98	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/12/98-08/12/98	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			460.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/12/98-08/12/98	1	21.	21.	21.	21.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/12/98-08/12/98	1	1.322	1.322	1.322	1.322	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			21.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/95-08/15/95	1	3985.	3985.	3985.	3985.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-08/15/95	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	3	1.00	3	3	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1 &	1	1.00	1	1	1.00									
		Drinking Water	5.	1 &	1	1.00	1	1	1.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	1	0.33	3	1	0.33									
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	1 &	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: MEVE0079

NPS Station ID: MEVE0079 | LAT/LON: 37.245781/-108.403199 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: MOREFIELD RIDGE ROAD SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_165
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7400 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR MOREFIELD RIDGE ROAD IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	1	7740.	7740.	7740.	7740.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/87-10/01/87	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/87-10/01/87	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/87-10/01/87	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	1	1456.	1456.	1456.	1456.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	1	186.	186.	186.	186.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	1	780.	780.	780.	780.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	1	1060.	1060.	1060.	1060.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	1	40.	40.	40.	40.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0080

NPS Station ID: MEVE0080 LAT/LON: 37.237809/-108.405615 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24465 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NURE_009 /1085188
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/77-09/02/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/77-09/02/77	1	3080.	3080.	3080.	3080.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/02/77-09/02/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/02/77-09/02/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/77-09/02/77	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/77-09/02/77	1	19.9	19.9	19.9	19.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/77-09/02/77	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/77-09/02/77	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/02/77-09/02/77	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/77-09/02/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/02/77-09/02/77	1	177.	177.	177.	177.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/77-09/02/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/02/77-09/02/77	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/02/77-09/02/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/02/77-09/02/77	1	89.	89.	89.	89.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/77-09/02/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/02/77-09/02/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/02/77-09/02/77	1	0.89	0.89	0.89	0.89	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0081

NPS Station ID: MEVE0081 | LAT/LON: 37.237698/-108.405726 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: MOREFIELD SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_040
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7200 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT MOREFIELD SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-07/29/98	8	3265.	2841.75	3640.	183.	1288117.929	1134.953	**	**	**	**
00400	PH (STANDARD UNITS)	06/15/83-07/29/98	8	8.1	8.1	8.7	7.6	0.149	0.385	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/15/83-07/29/98	8	8.1	7.965	8.7	7.6	0.169	0.412	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/83-07/29/98	8	0.008	0.011	0.025	0.002	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-07/29/98	5	1031.	822.6	1139.	82.	190153.3	436.066	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-07/29/98	8	1171.5	1010.625	1258.	100.	149374.268	386.49	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/21/90-07/29/98	6 ##	33.75	41.267	104.	0.05	2172.726	46.613	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-07/29/98	3 ##	0.05	0.052	0.1	0.005	0.002	0.048	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-07/29/98	8	0.1	0.163	0.5	0.05	0.025	0.158	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/91-07/29/98	5	118.	117.4	158.	69.	1184.8	34.421	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-07/29/98	8	20.6	25.8	58.	13.3	218.32	14.776	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-07/29/98	8	21.75	23.2	49.	8.7	142.171	11.924	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-07/29/98	8	749.6	701.037	1050.4	0.9	91533.314	302.545	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-07/29/98	8	2.4	4.288	14.3	0.9	22.124	4.704	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-07/29/98	8	31.	46.375	175.	2.	2868.268	53.556	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-07/29/98	8	693.05	683.988	1068.	5.7	102423.016	320.036	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/84	2 ##	25.5	25.5	50.	1.	1200.5	34.648	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-07/29/98	8	40.	70.	230.	10.	6114.286	78.194	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-07/29/98	8	545.	515.	710.	120.	37600.	193.907	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-07/29/98	8 ##	5.	7.	18.	1.	28.857	5.372	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-07/29/98	8 ##	7.5	13.75	40.	5.	183.929	13.562	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-07/29/98	8 ##	5.	8.75	20.	0.	55.357	7.44	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-07/29/98	8	625.	3125.625	14260.	5.	28127253.125	5303.513	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-07/29/98	8 ##	25.	63.125	200.	25.	4378.125	66.167	**	**	**	**

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

Parameter Inventory for Station: MEVE0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-07/29/98	8	15.	35.625	130.	5.	2260.268	47.542	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-07/29/98	8 ##	5.	13.125	40.	5.	192.411	13.871	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-07/29/98	8	10.	9.375	20.	5.	24.554	4.955	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-10/15/84	2	840.	840.	1000.	680.	51200.	226.274	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-07/29/98	8	15.	20.625	80.	5.	624.554	24.991	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-07/29/98	8	800.	8443.75	33000.	50.	211196741.071	14532.61	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-07/29/98	8	2.	7.813	50.	0.5	291.424	17.071	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-06/15/83	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	43.89	43.89	43.89	43.89	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	37.59	37.59	37.59	37.59	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/23/93-07/29/98	5	43.	281.1	1100.	1.5	218701.55	467.655	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/23/93-07/29/98	5	1.633	1.711	3.041	0.176	1.183	1.088	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			51.366								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/23/93-07/29/98	5	21.	244.9	1100.	1.5	229823.3	479.399	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/23/93-07/29/98	5	1.322	1.492	3.041	0.176	1.169	1.081	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			31.08								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-07/29/98	5	2697.	2306.2	3092.	145.	1487755.7	1219.736	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-08/15/95	6 ##	0.125	1.092	5.4	0.05	4.539	2.131	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: MEVE0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/15-10/31---------- Obs	Exceed	Prop.	----------11/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/09---------- Obs	Exceed	Prop.	----------5/10-7/14---------- Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	8	0	0.00	7	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	7	0	0.00							1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	8	0	0.00	7	0	0.00							1	0	0.00
		Drinking Water	250.	8	0	0.00	7	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	8	7	0.88	7	6	0.86							1	1	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	1 &	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	8	0	0.00	7	0	0.00							1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3 &	2	0.67	3	2	0.67									
		Drinking Water	5.	3 &	2	0.67	3	2	0.67									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	8	0	0.00	7	0	0.00							1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	2	0.25	7	2	0.29							1	0	0.00
		Drinking Water	1300.	8	0	0.00	7	0	0.00							1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	8	2	0.25	7	2	0.29							1	0	0.00
		Drinking Water	15.	2 &	2	1.00	2	2	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	7	0	0.00							1	0	0.00
		Drinking Water	100.	8	0	0.00	7	0	0.00							1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	8	0	0.00	7	0	0.00							1	0	0.00
		Drinking Water	5000.	8	0	0.00	7	0	0.00							1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	7 &	0	0.00	7	0	0.00									
		Drinking Water	50.	7 &	0	0.00	7	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	5	1	0.20	5	1	0.20									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	5	1	0.20	5	1	0.20									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	5	0	0.00							1	0	0.00

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

Station Inventory for Station: MEVE0082

NPS Station ID: MEVE0082 | LAT/LON: 37.237837/-108.407060 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: LOWER MOREFIELD CANYON RESERVOIR | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): MEVE_NPS_132
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7200 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LOWER MOREFIELD CANYON RESERVOIR IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-09/11/91	1	700.	700.	700.	700.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-09/11/91	1	2.845	2.845	2.845	2.845	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			700.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-09/11/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-09/11/91	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			30.								

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

EPA Water Quality Criteria Analysis for Station: MEVE0082

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0083

NPS Station ID: MEVE0083 | LAT/LON: 37.257615/-108.407699 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: MOREFIELD ROAD PUDDLE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): MEVE_NPS_260
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7300 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A PUDDLE NEAR MOREFIELD ROAD IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/98-07/30/98	1	3190.	3190.	3190.	3190.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/30/98-07/30/98	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/30/98-07/30/98	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/98-07/30/98	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	1	908.	908.	908.	908.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/30/98-07/30/98	1	1107.	1107.	1107.	1107.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/30/98-07/30/98	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/98-07/30/98	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/98-07/30/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/98-07/30/98	1	25.8	25.8	25.8	25.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/98-07/30/98	1	18.7	18.7	18.7	18.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/98-07/30/98	1	615.9	615.9	615.9	615.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/98-07/30/98	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/30/98-07/30/98	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/30/98-07/30/98	1	613.9	613.9	613.9	613.9	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/98-07/30/98	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/30/98-07/30/98	1	520.	520.	520.	520.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/98-07/30/98	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/98-07/30/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/98-07/30/98	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/98-07/30/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/98-07/30/98	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/98-07/30/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/30/98-07/30/98	1	240.	240.	240.	240.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/30/98-07/30/98	1	2.38	2.38	2.38	2.38	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			240.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/30/98-07/30/98	1	240.	240.	240.	240.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/30/98-07/30/98	1	2.38	2.38	2.38	2.38	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			240.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/98-07/30/98	1	2480.	2480.	2480.	2480.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: MEVE0084

NPS Station ID: MEVE0084 LAT/LON: 37.299781/-108.408920 Agency: 11NPSWRD Date Created: 07/03/99
Location: SWITCHBACK ROAD RESERVOIR FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): MEVE_NPS_091
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 7850 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SWITCHBACK ROAD RESERVOIR IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/15/95-08/15/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/15/95-08/15/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1.5								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/15/95-08/15/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/15/95-08/15/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.5								

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

EPA Water Quality Criteria Analysis for Station: MEVE0084

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0085

NPS Station ID: MEVE0085 | LAT/LON: 37.307059/-108.412698 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: BIG HILL PIPES | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_085
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7800 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE OUTFLOW OF BIG HILL PIPES WHICH TRANSPORT WATER FROM A SPRING APPROX- IMATELY 60 FEET AWAY. THIS IS DONE IN AN ATTEMPT TO PREVENT THE WATER FROM CREATING A HEAVE IN THE ROAD BY HAVING IT DRAIN INTO A GUTTER. THE SITE IS WITHIN THE BOUNDARIES OF MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/84-08/15/95	3	7200.	6850.	7310.	6040.	495100.	703.633	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/84-08/15/95	3	7.3	7.333	7.5	7.2	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/84-08/15/95	3	7.3	7.316	7.5	7.2	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/84-08/15/95	3	0.05	0.048	0.063	0.032	0.	0.016	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/95-08/15/95	1	365.	365.	365.	365.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-08/15/95	3	441.	427.667	445.	397.	709.333	26.633	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-08/15/95	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-08/15/95	3	0.9	0.683	1.1	0.05	0.311	0.558	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/95-08/15/95	1	2518.	2518.	2518.	2518.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-08/15/95	3	423.1	420.033	440.	397.	469.303	21.663	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-08/15/95	3	951.	832.267	1190.	355.8	184545.613	429.588	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-08/15/95	3	386.	381.367	481.	277.1	10409.903	102.029	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-08/15/95	3	10.5	10.567	11.	10.2	0.163	0.404	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-08/15/95	3	91.	105.667	200.	26.	7730.333	87.922	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-08/15/95	3	4350.	4191.667	5440.	2785.	1781058.333	1334.563	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-10/01/87	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-08/15/95	3	50.	66.667	140.	10.	4433.333	66.583	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-08/15/95	3	150.	150.	160.	140.	100.	10.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-08/15/95	3 ##	5.	5.667	7.	5.	1.333	1.155	**	**	**	**

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

Parameter Inventory for Station: MEVE0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-08/15/95	3	80.	71.667	130.	5.	3958.333	62.915	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-08/15/95	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-08/15/95	3	70.	86.667	150.	40.	3233.333	56.862	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-08/15/95	3 ##	25.	63.333	140.	25.	4408.333	66.395	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-08/15/95	3	30.	26.667	30.	20.	33.333	5.774	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-08/15/95	3	30.	28.333	50.	5.	508.333	22.546	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-08/15/95	3	90.	71.667	120.	5.	3558.333	59.652	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/01/87	2	4915.	4915.	5090.	4740.	61250.	247.487	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-08/15/95	3	30.	28.333	50.	5.	508.333	22.546	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-08/15/95	3	200.	266.667	400.	200.	13333.333	115.47	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-08/15/95	3	52.	48.	67.	25.	453.	21.284	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/15/95-08/15/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/15/95-08/15/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1.5								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/15/95-08/15/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/15/95-08/15/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/95-08/15/95	1	4455.	4455.	4455.	4455.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-08/15/95	3	195.	214.467	316.	132.4	8711.453	93.335	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	3	1.00	3	3	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1 &	1	1.00	1	1	1.00									
		Drinking Water	5.	1 &	1	1.00	1	1	1.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	1	0.33	3	1	0.33									
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	1	0.33	3	1	0.33									
		Drinking Water	15.	1 &	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	1	0.33	3	1	0.33									
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	3	1.00	3	3	1.00									
		Drinking Water	50.	3	2	0.67	3	2	0.67									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	3	1.00	3	3	1.00									

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

Station Inventory for Station: MEVE0086

NPS Station ID: MEVE0086 LAT/LON: 37.269142/-108.415199 Agency: 11NPSWRD Date Created: 07/03/99
Location: CATTAIL SPRING FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_070
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 7200 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT CATTAIL SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOUR- CES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-07/30/98	2	680.	680.	900.	460.	96800.	311.127	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-07/30/98	2	2.809	2.809	2.954	2.663	0.042	0.206	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			643.428								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-07/30/98	2	350.	350.	460.	240.	24200.	155.563	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-07/30/98	2	2.521	2.521	2.663	2.38	0.04	0.2	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			332.265								

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

EPA Water Quality Criteria Analysis for Station: MEVE0086

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

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

Station Inventory for Station: MEVE0087

NPS Station ID: MEVE0087 LAT/LON: 37.344698/-108.415309 Agency: 11NPSWRD Date Created: 07/03/99
Location: U.S. HIGHWAY 160 SPRING NEAR PARK ENTRANCE FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_073
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6800 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR HIGHWAY 160 AND THE PARK ENTRANCE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-07/29/98	8	7044.	7096.75	8176.	6020.	458607.929	677.206	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/87-07/29/98	8	7.5	7.012	8.3	4.5	1.436	1.198	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/87-07/29/98	8	7.5	5.392	8.3	4.5	4.437	2.106	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/87-07/29/98	8	0.032	4.056	31.623	0.005	124.095	11.14	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-07/29/98	6	249.5	280.5	625.	12.	38967.5	197.402	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-07/29/98	8	304.5	322.125	763.	15.	46933.839	216.642	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-07/29/98	8 ##	0.05	0.219	0.5	0.05	0.054	0.233	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-07/29/98	4	2.45	4.226	12.	0.005	29.588	5.44	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-07/29/98	8	0.75	0.763	1.2	0.4	0.063	0.25	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-07/29/98	6	2296.5	2325.333	3073.	1879.	179733.067	423.949	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-07/29/98	8	432.1	443.175	497.	403.9	1367.039	36.973	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-07/29/98	8	294.1	375.838	690.	211.9	28864.186	169.895	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-07/29/98	8	884.8	949.55	1581.	631.5	101186.211	318.098	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-07/29/98	8	5.05	5.462	9.5	3.8	3.443	1.855	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-07/29/98	8	50.5	82.875	284.	19.	7453.268	86.332	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-07/29/98	8	4165.	4199.5	5949.	2770.	1431753.02	1196.559	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/15/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-07/29/98	8	20.	23.75	40.	20.	55.357	7.44	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-07/29/98	8	280.	285.	320.	230.	1114.286	33.381	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-07/29/98	8	19.5	18.75	40.	5.	104.214	10.209	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-07/29/98	8	90.	92.5	120.	70.	392.857	19.821	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-07/29/98	8 ##	7.5	10.	20.	5.	42.857	6.547	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-07/29/98	8	200.	310.	1250.	50.	150342.857	387.741	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-07/29/98	8	85.	96.25	220.	50.	2998.214	54.756	**	**	**	**

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

Parameter Inventory for Station: MEVE0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-07/29/98	8	1575.	1515.	2370.	490.	533228.571	730.225	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-07/29/98	8	40.	31.875	50.	5.	256.696	16.022	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-07/29/98	8	265.	336.25	740.	150.	41569.643	203.886	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	1	3820.	3820.	3820.	3820.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-07/29/98	8	145.	267.5	840.	50.	74707.143	273.326	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-07/29/98	8	350.	3743.75	20800.	50.	54109598.214	7355.923	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-07/29/98	8	30.	44.25	104.	12.	1115.071	33.393	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	77.33	77.33	77.33	77.33	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	74.5	74.5	74.5	74.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-07/29/98	6	240.	4398.833	24000.	93.	92585968.167	9622.16	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/11/91-07/29/98	6	2.38	2.736	4.38	1.968	0.844	0.919	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			545.077								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-07/29/98	6	66.	56.667	93.	7.	1695.067	41.171	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/11/91-07/29/98	6	1.78	1.586	1.968	0.845	0.231	0.481	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			38.573								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-07/29/98	6	5426.	5915.	8342.	4376.	2193894.	1481.18	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-08/15/95	6	22.85	25.067	53.2	0.05	555.526	23.57	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: MEVE0087

				Total	Exceed	Prop.	----------7/15-10/31----------			----------11/01-2/29----------			----------3/01-5/09----------			----------5/10-7/14----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	3	0.38	8	3	0.38									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	1	0.25	4	1	0.25									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	8	0	0.00	8	0	0.00									
		Drinking Water	250.	8	1	0.13	8	1	0.13									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	8	8	1.00	8	8	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	8	0	0.00	8	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	7 &	7	1.00	7	7	1.00									
		Drinking Water	5.	7 &	7	1.00	7	7	1.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	8	3	0.38	8	3	0.38									
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	2	0.25	8	2	0.25									
		Drinking Water	1300.	8	0	0.00	8	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	8	4	0.50	8	4	0.50									
		Drinking Water	15.	8	8	1.00	8	8	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	8	0	0.00									
		Drinking Water	100.	8	8	1.00	8	8	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	8	4	0.50	8	4	0.50									
		Drinking Water	5000.	8	0	0.00	8	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	8	6	0.75	8	6	0.75									
		Drinking Water	50.	8	3	0.38	8	3	0.38									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	6	2	0.33	6	2	0.33									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	6	0	0.00	6	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	2	0.33	6	2	0.33									

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

Station Inventory for Station: MEVE0088

NPS Station ID: MEVE0088 | LAT/LON: 37.282865/-108.416032 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: MOREFIELD CANYON POTHOLE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): MEVE_NPS_133
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7500 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR MOREFIELD CANYON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-07/30/98	2	113.	113.	144.	82.	1922.	43.841	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/86-07/30/98	2	7.95	7.95	8.2	7.7	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/01/86-07/30/98	2	7.882	7.882	8.2	7.7	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/86-07/30/98	2	0.013	0.013	0.02	0.006	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-07/30/98	2	52.5	52.5	76.	29.	1104.5	33.234	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/01/86-07/30/98	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/98-07/30/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-07/30/98	2	0.6	0.6	0.9	0.3	0.18	0.424	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-07/30/98	2	17.9	17.9	18.4	17.4	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-07/30/98	2	1.85	1.85	2.4	1.3	0.605	0.778	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-07/30/98	2 ##	0.65	0.65	1.3	0.	0.845	0.919	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-07/30/98	2	4.25	4.25	5.6	2.9	3.645	1.909	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-07/30/98	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-07/30/98	2	2.6	2.6	3.	2.2	0.32	0.566	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-07/30/98	2	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-07/30/98	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-07/30/98	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-07/30/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-07/30/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-07/30/98	2	640.	640.	810.	470.	57800.	240.416	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-07/30/98	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-07/30/98	2	30.	30.	50.	10.	800.	28.284	**	**	**	**

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Parameter Inventory for Station: MEVE0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-07/30/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-07/30/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-11/01/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-07/30/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-07/30/98	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-07/30/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-11/01/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/18/96-07/30/98	2 ##	22.25	22.25	43.	1.5	861.125	29.345	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/18/96-07/30/98	2 ##	0.905	0.905	1.633	0.176	1.062	1.031	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			8.031								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/96-07/30/98	2 ##	22.25	22.25	43.	1.5	861.125	29.345	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/96-07/30/98	2 ##	0.905	0.905	1.633	0.176	1.062	1.031	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			8.031								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/98-07/30/98	1	106.	106.	106.	106.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-11/01/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: MEVE0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: MEVE0089

NPS Station ID: MEVE0089 | LAT/LON: 37.282559/-108.425366 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: PRATER CANYON POOL | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): MEVE_NPS_122
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7550 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT POOL NEAR PRATER CANYON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-11/01/86	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/86-11/01/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/01/86-11/01/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/86-11/01/86	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-11/01/86	1	611.	611.	611.	611.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/01/86-11/01/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-11/01/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-11/01/86	1	344.	344.	344.	344.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-11/01/86	1	228.	228.	228.	228.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-11/01/86	1	89.1	89.1	89.1	89.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-11/01/86	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-11/01/86	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-11/01/86	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-11/01/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-11/01/86	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-11/01/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-11/01/86	1	910.	910.	910.	910.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-11/01/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-11/01/86	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-11/01/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-11/01/86	1	2440.	2440.	2440.	2440.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-11/01/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-11/01/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-11/01/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-11/01/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-11/01/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: MEVE0090

NPS Station ID: MEVE0090 LAT/LON: 37.268837/-108.426476 Agency: 11NPSWRD Date Created: 07/03/99
Location: TURKEY SPRING FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_262
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 7400 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT TURKEY SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOUR- CES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/06/94-09/06/94	1	240000.	240000.	240000.	240000.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/06/94-09/06/94	1	5.38	5.38	5.38	5.38	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			240000.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/06/94-09/06/94	1	750.	750.	750.	750.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/06/94-09/06/94	1	2.875	2.875	2.875	2.875	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			750.								

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

EPA Water Quality Criteria Analysis for Station: MEVE0090

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: MEVE0091

NPS Station ID: MEVE0091 | LAT/LON: 37.287142/-108.428560 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: PRATER CANYON DRAINAGE SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_198
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7500 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR PRATER CANYON DRAINAGE IN MESA VERDE NATIONAL PARK. DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	1	2630.	2630.	2630.	2630.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/87-10/01/87	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/87-10/01/87	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/87-10/01/87	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	1	1048.	1048.	1048.	1048.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	1	285.	285.	285.	285.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	1	165.	165.	165.	165.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	1	1150.	1150.	1150.	1150.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	1	1710.	1710.	1710.	1710.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0092

NPS Station ID: MEVE0092 LAT/LON: 37.273753/-108.428698 Agency: 11NPSWRD Date Created: 07/03/99
Location: SOUTH CHICKAREE POINT POTHOLE FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): MEVE_NPS_222
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6700 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE AT SOUTH CHICKAREE POINT IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/18/96-07/18/96	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/18/96-07/18/96	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1.5								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/96-07/18/96	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/96-07/18/96	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.5								

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

EPA Water Quality Criteria Analysis for Station: MEVE0092

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0093

NPS Station ID: MEVE0093 | LAT/LON: 37.326616/-108.430143 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: GULLY 1 SPRING; WEST OF ENTRANCE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_254
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6900 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING IN THE FIRST GULLY ALONG THE PARK'S WATERLINE AND IS WEST OF THE PARK ENTRANCE OUTSIDE MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-07/06/94	1	5080.	5080.	5080.	5080.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/94-07/06/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/94-07/06/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/94-07/06/94	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/06/94-07/06/94	1	233.	233.	233.	233.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/06/94-07/06/94	1	284.	284.	284.	284.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/06/94-07/06/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/06/94-07/06/94	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/94-07/06/94	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/94-07/06/94	1	1828.	1828.	1828.	1828.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/94-07/06/94	1	360.6	360.6	360.6	360.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/94-07/06/94	1	225.7	225.7	225.7	225.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/94-07/06/94	1	630.8	630.8	630.8	630.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/94-07/06/94	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-07/06/94	1	87.	87.	87.	87.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-07/06/94	1	2390.5	2390.5	2390.5	2390.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/94-07/06/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/06/94-07/06/94	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/06/94-07/06/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/94-07/06/94	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/94-07/06/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/06/94-07/06/94	1	150.	150.	150.	150.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/94-07/06/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/94-07/06/94	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/94-07/06/94	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/94-07/06/94	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/94-07/06/94	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/94-07/06/94	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/06/94-07/06/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/06/94-07/06/94	1	3992.	3992.	3992.	3992.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-07/06/94	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00										1	1	1.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0094

NPS Station ID: MEVE0094 | LAT/LON: 37.362504/-108.445004 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24488 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MEVE_NURE_001 /1085193
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080202 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/77-09/03/77	1	17.6	17.6	17.6	17.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/77-09/03/77	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/03/77-09/03/77	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/03/77-09/03/77	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/77-09/03/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/77-09/03/77	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/77-09/03/77	1	481.	481.	481.	481.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/77-09/03/77	1	171.	171.	171.	171.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/03/77-09/03/77	1	348.	348.	348.	348.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/77-09/03/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/03/77-09/03/77	1	144.	144.	144.	144.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/03/77-09/03/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/77-09/03/77	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/03/77-09/03/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/03/77-09/03/77	1	296.	296.	296.	296.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/03/77-09/03/77	1	312.	312.	312.	312.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/03/77-09/03/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/03/77-09/03/77	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0094

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0095

NPS Station ID: MEVE0095 | LAT/LON: 37.280948/-108.445837 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: POTHOLE AT B-CUT SLUMP | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): MEVE_NPS_062
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 8000 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR B-CUT SLUMP IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-10/15/84	2	3170.	3170.	3290.	3050.	28800.	169.706	**	**	**	**
00400	PH (STANDARD UNITS)	06/15/83-10/15/84	2	7.55	7.55	7.6	7.5	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/15/83-10/15/84	2	7.547	7.547	7.6	7.5	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/83-10/15/84	2	0.028	0.028	0.032	0.025	0.	0.005	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-10/15/84	2	521.5	521.5	561.	482.	3120.5	55.861	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-10/15/84	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-10/15/84	2	232.	232.	306.	158.	10952.	104.652	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-10/15/84	2	265.5	265.5	346.	185.	12960.5	113.844	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-10/15/84	2	159.5	159.5	228.	91.	9384.5	96.874	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-10/15/84	2	14.	14.	18.	10.	32.	5.657	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-10/15/84	2	22.5	22.5	23.	22.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-10/15/84	2	1570.	1570.	1880.	1260.	192200.	438.406	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/84	2 ##	25.5	25.5	50.	1.	1200.5	34.648	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-10/15/84	2	155.	155.	170.	140.	450.	21.213	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-10/15/84	2	395.	395.	470.	320.	11250.	106.066	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-10/15/84	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-10/15/84	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-10/15/84	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-10/15/84	2	630.	630.	1110.	150.	460800.	678.823	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-10/15/84	2 ##	37.5	37.5	50.	25.	312.5	17.678	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-10/15/84	2	470.	470.	900.	40.	369800.	608.112	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-10/15/84	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-10/15/84	2 ##	32.5	32.5	60.	5.	1512.5	38.891	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-10/15/84	2	3100.	3100.	4100.	2100.	2000000.	1414.214	**	**	**	**

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

Parameter Inventory for Station: MEVE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-10/15/84	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-10/15/84	2	450.	450.	700.	200.	125000.	353.553	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-10/15/84	2 ##	4.75	4.75	9.	0.5	36.125	6.01	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-06/15/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-10/15/84	2	1.75	1.75	2.2	1.3	0.405	0.636	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	250.	2	0	0.00	1	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	2	1.00	1	1	1.00							1	1	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	1 &	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00							1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	1300.	2	0	0.00	1	0	0.00							1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	5000.	2	0	0.00	1	0	0.00							1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00							1	0	0.00

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

Station Inventory for Station: MEVE0096

NPS Station ID: MEVE0096 LAT/LON: 37.255559/-108.448809 Agency: 11NPSWRD Date Created: 07/03/99
Location: JUNCTION OF SCHOOL SECTION & E. SCHOOL SECTION FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_255
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6600 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR THE JUNCTION OF EAST AND WEST SCHOOL SECTION CANYON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS CO) AND WERE COLLECTED BY PARK EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/93-08/15/93	1	5570.	5570.	5570.	5570.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/93-08/15/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/93-08/15/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/93-08/15/93	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	1	608.	608.	608.	608.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/15/93-08/15/93	1	742.	742.	742.	742.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/15/93-08/15/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/93-08/15/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	1	1191.	1191.	1191.	1191.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/15/93-08/15/93	1	159.4	159.4	159.4	159.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/15/93-08/15/93	1	192.9	192.9	192.9	192.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/15/93-08/15/93	1	770.9	770.9	770.9	770.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/15/93-08/15/93	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/93-08/15/93	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/93-08/15/93	1	1905.6	1905.6	1905.6	1905.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/15/93-08/15/93	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/15/93-08/15/93	1	560.	560.	560.	560.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/15/93-08/15/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/15/93-08/15/93	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/15/93-08/15/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/15/93-08/15/93	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/15/93-08/15/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/15/93-08/15/93	1	550.	550.	550.	550.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/15/93-08/15/93	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/15/93-08/15/93	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/15/93-08/15/93	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/15/93-08/15/93	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/15/93-08/15/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	55.8	55.8	55.8	55.8	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	57.7	57.7	57.7	57.7	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/06/94-07/06/94	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/06/94-07/06/94	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			23.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/06/94-07/06/94	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/06/94-07/06/94	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/93-08/15/93	1	3928.	3928.	3928.	3928.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/93-08/15/93	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0097

NPS Station ID: MEVE0097
LAT/LON: 37.125559/-108.451115
Agency: 112WRD
Date Created: 08/30/76
Location: MANCOS RIVER ABOVE SODA CANYON
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 370732108270400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 14080107002800.15
RF3 Mile Point: 0.14
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-10/21/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-10/21/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-10/21/75	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/21/75-10/21/75	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/21/75-10/21/75	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/21/75-10/21/75	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/75-10/21/75	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-10/21/75	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-10/21/75	1	268.	268.	268.	268.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/21/75-10/21/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-10/21/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/21/75-10/21/75	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/21/75-10/21/75	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	1	990.	990.	990.	990.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-10/21/75	1	770.	770.	770.	770.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-10/21/75	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-10/21/75	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-10/21/75	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/21/75-10/21/75	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/21/75-10/21/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-10/21/75	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-10/21/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-10/21/75	1	960.	960.	960.	960.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-10/21/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-10/21/75	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-10/21/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-10/21/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-10/21/75	1	1560.	1560.	1560.	1560.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	1	63.6	63.6	63.6	63.6	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-10/21/75	1	2.12	2.12	2.12	2.12	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0098

NPS Station ID: MEVE0098 | LAT/LON: 37.261615/-108.451643 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: SCHOOL SECTION CANYON SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_245
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7260 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SCHOOL SECTION CANYON SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/93-08/15/93	1	19700.	19700.	19700.	19700.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/93-08/15/93	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/93-08/15/93	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/93-08/15/93	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	1	1484.	1484.	1484.	1484.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/15/93-08/15/93	1	1675.	1675.	1675.	1675.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/15/93-08/15/93	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/93-08/15/93	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/93-08/15/93	1	2043.	2043.	2043.	2043.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/15/93-08/15/93	1	190.4	190.4	190.4	190.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/15/93-08/15/93	1	381.4	381.4	381.4	381.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/15/93-08/15/93	1	3654.7	3654.7	3654.7	3654.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/15/93-08/15/93	1	28.2	28.2	28.2	28.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/93-08/15/93	1	630.	630.	630.	630.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/93-08/15/93	1	7781.6	7781.6	7781.6	7781.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/15/93-08/15/93	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/15/93-08/15/93	1	2680.	2680.	2680.	2680.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/15/93-08/15/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/15/93-08/15/93	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/15/93-08/15/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/15/93-08/15/93	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/15/93-08/15/93	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/15/93-08/15/93	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/15/93-08/15/93	1	120.	120.	120.	120.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/15/93-08/15/93	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/15/93-08/15/93	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/15/93-08/15/93	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/15/93-08/15/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	209.5	209.5	209.5	209.5	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	08/15/93-08/15/93	1	200.6	200.6	200.6	200.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/93-08/15/93	1	14416.	14416.	14416.	14416.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/93-08/15/93	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	1	1.00	1	1	1.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0099

NPS Station ID: MEVE0099
LAT/LON: 37.125559/-108.452781
Agency: 112WRD
Date Created: 02/20/76
Location: SODA CANYON AT MOUTH
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 370732108271000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 14080107002500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-10/21/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-10/21/75	1	7000.	7000.	7000.	7000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/21/75-10/21/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/21/75-10/21/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/75-10/21/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-10/21/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	1	559.	559.	559.	559.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-10/21/75	1	682.	682.	682.	682.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/21/75-10/21/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-10/21/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/21/75-10/21/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/21/75-10/21/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-10/21/75	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-10/21/75	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-10/21/75	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-10/21/75	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-10/21/75	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/21/75-10/21/75	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/21/75-10/21/75	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-10/21/75	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-10/21/75	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-10/21/75	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-10/21/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-10/21/75	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-10/21/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-10/21/75	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-10/21/75	1	5230.	5230.	5230.	5230.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-10/21/75	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0100

NPS Station ID: MEVE0100 | LAT/LON: 37.272504/-108.454087 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: SCHOOL SECTION CANYON SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_090
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7900 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR SCHOOL SECTION CANYON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-09/15/88	2	1447.5	1447.5	1479.	1416.	1984.5	44.548	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/87-09/15/88	2	7.75	7.75	7.8	7.7	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/87-09/15/88	2	7.747	7.747	7.8	7.7	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/87-09/15/88	2	0.018	0.018	0.02	0.016	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	581.	581.	581.	581.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-09/15/88	2	809.5	809.5	910.	709.	20200.5	142.128	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-09/15/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-09/15/88	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	613.	613.	613.	613.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-09/15/88	2	118.	118.	126.	110.	128.	11.314	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-09/15/88	2	84.05	84.05	87.	81.1	17.405	4.172	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-09/15/88	2	108.5	108.5	111.	106.	12.5	3.536	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-09/15/88	2	2.1	2.1	4.1	0.1	8.	2.828	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-09/15/88	2	16.5	16.5	18.	15.	4.5	2.121	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-09/15/88	2	165.5	165.5	221.	110.	6160.5	78.489	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-09/15/88	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-09/15/88	2	215.	215.	270.	160.	6050.	77.782	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-09/15/88	2	280.	280.	300.	260.	800.	28.284	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-09/15/88	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-09/15/88	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-09/15/88	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-09/15/88	2	1185.	1185.	1860.	510.	911250.	954.594	**	**	**	**

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

Parameter Inventory for Station: MEVE0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-09/15/88	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-09/15/88	2	555.	555.	1070.	40.	530450.	728.32	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-09/15/88	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-09/15/88	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	1	1090.	1090.	1090.	1090.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-09/15/88	2	1055.	1055.	2060.	50.	2020050.	1421.285	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-09/15/88	2 ##	325.	325.	600.	50.	151250.	388.909	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-09/15/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	16.7	16.7	16.7	16.7	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	16.9	16.9	16.9	16.9	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/24/94-08/24/94	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/24/94-08/24/94	1	3.663	3.663	3.663	3.663	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4600.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/24/94	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/24/94	1	3.663	3.663	3.663	3.663	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4600.								
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50	2	1	0.50									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0101

NPS Station ID: MEVE0101 | LAT/LON: 37.303059/-108.457170 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: HIND MARSH SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_076
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080202 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6700 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT HIND MARSH SPRING JUST OUTSIDE OF MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/87-10/01/87	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/87-10/01/87	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/87-10/01/87	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	1	427.	427.	427.	427.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	1	476.	476.	476.	476.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	1	677.	677.	677.	677.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	1	17.7	17.7	17.7	17.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	1	7800.	7800.	7800.	7800.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	1	380.	380.	380.	380.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	1	90.	90.	90.	90.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	1	7160.	7160.	7160.	7160.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	1	217.	217.	217.	217.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	1	27.6	27.6	27.6	27.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	1	1.00	1	1	1.00									
		Drinking Water	50.	1	1	1.00	1	1	1.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0102

NPS Station ID: MEVE0102 LAT/LON: 37.100309/-108.463309 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24397 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_030 /1085176
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GREASEWOOD CANYON COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/77-09/15/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/77-09/15/77	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/77-09/15/77	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/77-09/15/77	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/77-09/15/77	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/77-09/15/77	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/77-09/15/77	1	47.4	47.4	47.4	47.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/77-09/15/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/77-09/15/77	1	89.	89.	89.	89.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/77-09/15/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/77-09/15/77	1	539.	539.	539.	539.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/77-09/15/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/77-09/15/77	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/77-09/15/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/77-09/15/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/77-09/15/77	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/15/77-09/15/77	1	32.	32.	32.	32.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/15/77-09/15/77	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0103

NPS Station ID: MEVE0103
LAT/LON: 37.107781/-108.463338
Agency: 112WRD
Date Created: 01/25/77
Location: MANCOS RIVER NEAR CORTEZ, CO.
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09370800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080107
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14080107009
RF1 Mile Point: 0.600
Distance from RF1: 6.80
On/Off RF1: OFF
RF3 Index: 14080202019600.00
RF3 Mile Point: 0.94
Distance from RF3: 0.46
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/76-06/05/79	31	8.	7.677	26.	0.	44.876	6.699	0.	1.	12.	17.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/76-06/05/79	30	8.5	55.923	445.	0.7	11449.135	107.001	2.1	4.75	28.25	235.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/76-06/05/79	31	2180.	2127.742	3500.	320.	807511.398	898.616	444.	1820.	2900.	3330.
00300	OXYGEN, DISSOLVED MG/L	09/13/76-06/05/79	29	9.7	9.824	11.8	6.4	1.982	1.408	8.	8.9	11.2	11.6
00400	PH (STANDARD UNITS)	09/13/76-06/05/79	30	7.6	7.57	8.7	6.2	0.353	0.594	6.53	7.25	8.	8.19
00400	CONVERTED PH (STANDARD UNITS)	09/13/76-06/05/79	30	7.589	7.14	8.7	6.2	0.544	0.737	6.53	7.25	8.	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/13/76-06/05/79	30	0.026	0.072	0.631	0.002	0.018	0.132	0.006	0.01	0.057	0.3
00405	CARBON DIOXIDE (MG/L AS CO2)	09/13/76-12/11/78	24	9.95	36.288	247.	0.4	4369.5	66.102	1.25	4.775	26.25	176.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/76-06/05/79	29	180.	180.828	301.	70.	4148.791	64.411	80.	130.	221.5	271.
00440	BICARBONATE ION (MG/L AS HCO3)	09/13/76-12/11/78	24	225.	227.	370.	92.	5639.043	75.094	125.	172.5	271.5	348.5
00445	CARBONATE ION (MG/L AS CO3)	09/13/76-06/05/79	30	0.	0.067	1.	0.	0.064	0.254	0.	0.	0.	0.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/13/76-06/05/79	30	0.5	0.6	4.	0.01	0.529	0.728	0.025	0.175	0.725	1.1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/13/76-10/31/78	24	0.03	0.026	0.09	0.	0.	0.022	0.	0.	0.03	0.06
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/31/78-06/05/79	7	0.01	0.014	0.04	0.005	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/13/76-10/31/78	24	0.01	0.01	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/76-06/05/79	30	1050.	1086.	1900.	160.	247142.069	497.134	194.	895.	1500.	1700.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/76-06/05/79	29	930.	940.966	1800.	88.	192595.606	438.857	150.	760.	1250.	1500.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/76-06/05/79	30	230.	221.333	380.	42.	8290.368	91.051	47.7	200.	290.	330.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/76-06/05/79	30	125.	130.533	270.	13.	4647.568	68.173	17.5	96.5	180.	219.
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/13/76-06/05/79	30	145.	147.867	310.	17.	6569.499	81.052	18.9	107.25	182.5	295.
00931	SODIUM ADSORPTION RATIO	09/13/76-06/05/79	30	1.9	1.84	3.5	0.5	0.513	0.716	0.62	1.55	2.225	2.97
00932	SODIUM, PERCENT	09/13/76-06/05/79	29	21.	21.931	31.	16.	9.638	3.105	19.	20.	24.	26.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/13/76-06/05/79	29	4.6	4.755	15.	1.4	5.853	2.419	1.9	3.8	5.25	7.1
00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/76-06/05/79	29	19.	18.069	33.	3.	57.281	7.568	4.	14.	23.	29.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/76-06/05/79	29	1100.	1185.862	2200.	120.	311496.552	558.119	200.	955.	1650.	1900.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/76-06/05/79	30	0.2	0.227	0.7	0.1	0.012	0.108	0.2	0.2	0.2	0.29
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/76-06/05/79	30	8.75	8.26	13.	3.5	4.485	2.118	4.85	6.875	10.	10.9
01046	IRON, DISSOLVED (UG/L AS FE)	09/13/76-06/05/79	30	30.	50.5	350.	5.	6285.086	79.279	5.	16.25	52.5	88.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/13/76-06/05/79	30	40.	50.767	150.	5.	1861.082	43.14	5.	20.	82.5	109.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/13/76-06/05/79	27	1750.	1864.074	3220.	251.	575031.764	758.308	571.	1520.	2470.	2920.
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/13/76-06/05/79	29	52.8	87.608	478.	6.35	11557.271	107.505	16.	26.25	95.95	299.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/76-06/05/79	29	2.38	2.51	4.38	0.34	1.215	1.102	0.5	2.015	3.42	3.93

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

EPA Water Quality Criteria Analysis for Station: MEVE0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	29	0	0.00	8	0	0.00	11	0	0.00	6	0	0.00	4	0	0.00
00400	PH	Fresh Chronic	9.	30	0	0.00	9	0	0.00	11	0	0.00	6	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	30	3	0.10	9	1	0.11	11	2	0.18	6	0	0.00	4	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	30	0	0.00	9	0	0.00	11	0	0.00	6	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	29	0	0.00	8	0	0.00	11	0	0.00	6	0	0.00	4	0	0.00
		Drinking Water	250.	29	0	0.00	8	0	0.00	11	0	0.00	6	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	29	26	0.90	9	9	1.00	11	11	1.00	6	4	0.67	3	2	0.67
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	30	0	0.00	9	0	0.00	11	0	0.00	6	0	0.00	4	0	0.00

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

Station Inventory for Station: MEVE0104

NPS Station ID: MEVE0104 | LAT/LON: 37.161532/-108.463366 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: SPRING IN BACK OF BALCONY HOUSE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_048
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6700 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING BEHIND BALCONY HOUSE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/98-07/30/98	1	228.	228.	228.	228.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/30/98-07/30/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/30/98-07/30/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/98-07/30/98	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/30/98-07/30/98	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/30/98-07/30/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/98-07/30/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/98-07/30/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/98-07/30/98	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/98-07/30/98	1	21.6	21.6	21.6	21.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/98-07/30/98	1	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/98-07/30/98	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/98-07/30/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/30/98-07/30/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/30/98-07/30/98	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/98-07/30/98	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/30/98-07/30/98	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/98-07/30/98	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/98-07/30/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/98-07/30/98	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/98-07/30/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/98-07/30/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/98-07/30/98	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/98-07/30/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/98-07/30/98	1	170.	170.	170.	170.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0105

NPS Station ID: MEVE0105 | LAT/LON: 37.162337/-108.463615 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: BALCONY HOUSE SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_047
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6700 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR BALCONY HOUSE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/95-07/01/95	1	346.	346.	346.	346.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/01/95-07/01/95	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/01/95-07/01/95	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/95-07/01/95	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/95-07/01/95	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/01/95-07/01/95	1	221.	221.	221.	221.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/01/95-07/01/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/01/95-07/01/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/95-07/01/95	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/95-07/01/95	1	52.1	52.1	52.1	52.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/95-07/01/95	1	15.9	15.9	15.9	15.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/95-07/01/95	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/95-07/01/95	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/01/95-07/01/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/01/95-07/01/95	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/95-07/01/95	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/01/95-07/01/95	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/01/95-07/01/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/01/95-07/01/95	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/01/95-07/01/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/95-07/01/95	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/01/95-07/01/95	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/95-07/01/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/01/95-07/01/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/01/95-07/01/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/01/95-07/01/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/01/95-07/01/95	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/01/95-07/01/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	07/01/95-07/01/95	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	07/01/95-07/01/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/07/92-06/28/95	2 ##	25.75	25.75	50.	1.5	1176.125	34.295	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/07/92-06/28/95	2 ##	0.938	0.938	1.699	0.176	1.16	1.077	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			8.66								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/07/92-08/07/92	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/07/92-08/07/92	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			50.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/01/95-07/01/95	1	328.	328.	328.	328.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/95-07/01/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0106

NPS Station ID: MEVE0106 LAT/LON: 37.099170/-108.465559 Agency: 112WRD Date Created: 02/23/80
Location: MANCOS RIVER BELOW JOHNSON CANYON NR CORTEZ, CO. FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09370820
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 1.10 On/Off RF1:
RF3 Index: 14080202001600.00 RF3 Mile Point: 0.03 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/79-11/15/82	40	9.25	9.95	24.5	0.	51.779	7.196	0.	3.375	15.5	19.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/79-11/15/82	42	23.5	60.405	541.	6.	9975.71	99.878	10.	14.75	69.	148.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/09/80-10/09/80	1	1790.	1790.	1790.	1790.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/79-11/15/82	40	1640.	1579.575	2470.	285.	356956.199	597.458	567.	1097.5	2100.	2345.
00300	OXYGEN, DISSOLVED MG/L	07/09/79-11/15/82	40	8.95	9.17	11.8	6.8	2.66	1.631	7.21	7.825	10.725	11.6
00400	PH (STANDARD UNITS)	07/09/79-11/15/82	39	7.9	7.882	8.5	7.1	0.115	0.339	7.4	7.6	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	07/09/79-11/15/82	39	7.9	7.747	8.5	7.1	0.134	0.366	7.4	7.6	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/79-11/15/82	39	0.013	0.018	0.079	0.003	0.	0.016	0.004	0.008	0.025	0.04
00403	PH, LAB, STANDARD UNITS SU	10/09/80-11/15/82	25	8.1	8.128	8.6	7.3	0.084	0.289	7.72	8.	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/09/80-11/15/82	25	8.1	8.015	8.6	7.3	0.097	0.311	7.72	8.	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/80-11/15/82	25	0.008	0.01	0.05	0.003	0.	0.01	0.003	0.005	0.01	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	07/19/79-07/19/79	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/79-08/20/80	14	160.	159.929	230.	60.	2366.225	48.644	69.5	140.	190.	225.
00440	BICARBONATE ION (MG/L AS HCO3)	07/19/79-07/19/79	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/09/79-09/10/79	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/79-11/15/82	37	0.3	0.516	2.6	0.	0.357	0.597	0.036	0.05	0.9	1.12
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/10/79-09/10/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/09/79-11/15/82	38	0.01	0.02	0.13	0.	0.001	0.024	0.005	0.01	0.02	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/79-09/10/79	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/79-11/15/82	39	840.	791.282	1300.	120.	100137.787	316.446	230.	520.	1000.	1200.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/09/79-09/21/81	25	730.	685.8	1100.	55.	88561.833	297.593	222.	460.	930.	1040.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/79-11/15/82	39	180.	160.615	250.	31.	3030.611	55.051	59.	120.	200.	220.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/79-11/15/82	39	99.	95.031	160.	9.2	2009.332	44.826	21.	48.	130.	150.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/79-11/15/82	39	120.	108.179	190.	14.	2598.362	50.974	30.	62.	140.	170.
00931	SODIUM ADSORPTION RATIO	07/09/79-11/15/82	39	1.7	1.669	2.4	0.6	0.293	0.541	0.7	1.3	2.1	2.3
00932	SODIUM, PERCENT	07/09/79-11/15/82	38	23.	23.474	38.	11.	23.661	4.864	18.9	21.	25.	29.4
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/09/79-03/11/80	8	145.	134.5	190.	46.	1927.714	43.906	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/79-11/15/82	38	3.6	3.595	7.1	1.5	1.252	1.119	1.9	2.85	4.3	4.94
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/79-11/15/82	39	16.	16.359	46.	2.	97.499	9.874	4.	9.	22.	31.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/79-11/15/82	39	880.	814.256	1400.	76.	142464.459	377.445	170.	480.	1100.	1300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/79-11/15/82	39	0.2	0.213	0.3	0.1	0.002	0.047	0.2	0.2	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/79-11/15/82	39	8.8	8.587	13.	3.8	3.47	1.863	6.3	7.6	9.7	11.
01020	BORON, DISSOLVED (UG/L AS B)	07/19/79-07/19/79	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/19/79-07/19/79	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	07/19/79-07/19/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/79-11/15/82	38	30.	36.947	110.	5.	560.7	23.679	9.5	16.75	57.75	67.3
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/79-11/15/82	39	32.	32.385	80.	5.	408.348	20.208	7.	13.	50.	60.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/19/79-07/19/79	1	320.	320.	320.	320.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/79-07/19/79	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/09/79-11/15/82	39	1370.	1308.897	2090.	179.	301339.042	548.944	355.	825.	1670.	2020.
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/09/79-11/15/82	39	78.7	112.654	372.	29.3	7569.802	87.005	50.2	57.6	127.	287.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/09/79-11/15/82	39	1.86	1.781	2.84	0.24	0.558	0.747	0.48	1.12	2.27	2.75
71830	HYDROXIDE ION (MG/L AS OH)	07/19/79-07/19/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/19/79-07/19/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/27/81-07/27/81	7	3.3	3.357	5.3	1.9	1.246	1.116	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	40	0	0.00	16	0	0.00	10	0	0.00	8	0	0.00	6	0	0.00
00400	PH	Fresh Chronic	9.	39	0	0.00	16	0	0.00	9	0	0.00	8	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	39	0	0.00	16	0	0.00	9	0	0.00	8	0	0.00	6	0	0.00
00403	PH, LAB	Fresh Chronic	9.	25	0	0.00	9	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	25	0	0.00	9	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	37	0	0.00	14	0	0.00	10	0	0.00	8	0	0.00	5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	39	0	0.00	15	0	0.00	10	0	0.00	8	0	0.00	6	0	0.00
		Drinking Water	250.	39	0	0.00	15	0	0.00	10	0	0.00	8	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	39	35	0.90	15	15	1.00	10	10	1.00	8	6	0.75	6	4	0.67
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	39	0	0.00	15	0	0.00	10	0	0.00	8	0	0.00	6	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0107

NPS Station ID: MEVE0107 LAT/LON: 37.167366/-108.470337 Agency: 11NPSWRD Date Created: 07/03/99
Location: SPRING 155 YARDS NORTH OF SUNSET HOUSE FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_013N
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6700 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING 155 YARDS NORTH OF SUNSET HOUSE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/94-09/15/94	1	334.	334.	334.	334.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/94-09/15/94	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/94-09/15/94	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/94-09/15/94	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/94-09/15/94	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/94-09/15/94	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/94-09/15/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/94-09/15/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/94-09/15/94	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/94-09/15/94	1	165.	165.	165.	165.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/94-09/15/94	1	55.3	55.3	55.3	55.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/94-09/15/94	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/94-09/15/94	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/94-09/15/94	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/94-09/15/94	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/94-09/15/94	1	24.3	24.3	24.3	24.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/94-09/15/94	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/94-09/15/94	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/94-09/15/94	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/94-09/15/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/94-09/15/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/94-09/15/94	1	540.	540.	540.	540.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/94-09/15/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/94-09/15/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/94-09/15/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/94-09/15/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/94-09/15/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/94-09/15/94	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/94-09/15/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/94-09/15/94	1	270.	270.	270.	270.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/94-09/15/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0108

NPS Station ID: MEVE0108 | LAT/LON: 37.167226/-108.470337 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: 150 YARDS NORTH OF SUNSET HOUSE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_013S
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6700 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING 150 YARDS NORTH OF SUNSET HOUSE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/94-09/15/94	1	409.	409.	409.	409.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/94-09/15/94	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/94-09/15/94	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/94-09/15/94	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/94-09/15/94	1	197.	197.	197.	197.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/94-09/15/94	1	241.	241.	241.	241.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/94-09/15/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/94-09/15/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/94-09/15/94	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/94-09/15/94	1	218.	218.	218.	218.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/94-09/15/94	1	70.8	70.8	70.8	70.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/94-09/15/94	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/94-09/15/94	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/94-09/15/94	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/94-09/15/94	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/94-09/15/94	1	26.9	26.9	26.9	26.9	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/94-09/15/94	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/94-09/15/94	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/94-09/15/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/94-09/15/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/94-09/15/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/94-09/15/94	1	790.	790.	790.	790.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/94-09/15/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/94-09/15/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/94-09/15/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/94-09/15/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/94-09/15/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/94-09/15/94	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/94-09/15/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/94-09/15/94	1	361.	361.	361.	361.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/94-09/15/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0109

NPS Station ID: MEVE0109 LAT/LON: 37.166809/-108.472643 Agency: 11NPSWRD Date Created: 07/03/99
Location: SEEP AT CLIFF PALACE DWELLING; ROOM 26 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_CPD
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6800 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SEEP AT THE BACK OF CLIFF PALACE (ROOM 26) AND IS IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	12/18/95-12/18/95	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/95-12/18/95	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/95-12/18/95	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/18/95-12/18/95	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	12/18/95-12/18/95	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/18/95-12/18/95	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/18/95-12/18/95	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/18/95-12/18/95	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/18/95-12/18/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/18/95-12/18/95	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	12/18/95-12/18/95	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	12/18/95-12/18/95	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/18/95-12/18/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	12/18/95-12/18/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/18/95-12/18/95	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/18/95-12/18/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/18/95-12/18/95	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	12/18/95-12/18/95	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	12/18/95-12/18/95	1	82.	82.	82.	82.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/18/95-12/18/95	1	310.	310.	310.	310.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: MEVE0110

NPS Station ID: MEVE0110 LAT/LON: 37.166809/-108.472643 Agency: 11NPSWRD Date Created: 03/20/99
Location: CLIFF PALACE SPRING FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_CLIFF
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS CLIFF PALACE SPRING AND IS LOCATED WITHIN THE MESA VERDE NATIONAL PARK BOUNDARIES. DATA WERE COLLECTED BY MARILYN COLYER OF MESA VERDE NATIONAL PARK AND ANALYZED BY CORE LABORATORIES; CASPER WYOMING. SAMPLES WERE COLLECTED TO COMPARE CLIFF PALACE SPRING WATER WITH MANCOS SHALE WATER; WHICH IS IN AN ANTICLINE AND HAS BEEN POSTULATED TO BE FROM A FAULT (MAY BE ARTESIAN). FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/16/94-09/16/94	1 ##	83.5	83.5	83.5	83.5	0.	0.	**	**	**	**
07001	TRITIUM,TOTAL,COUNTING ERROR (PICOCURIES/LITER)	09/16/94-09/16/94	1	94.4	94.4	94.4	94.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
07000	TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0111

NPS Station ID: MEVE0111 LAT/LON: 37.166726/-108.473227 Agency: 11NPSWRD Date Created: 07/03/99
Location: CLIFF PALACE TUNNEL FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /CANAL/TYPA/AMBNT/RUNOFF/TUNNEL STORET Station ID(s): MEVE_NPS_220
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6750 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A STORM DRAINAGE UNDERNEATH CLIFF PALACE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	1	435.	435.	435.	435.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/88-12/18/95	2	8.3	8.3	8.4	8.2	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/88-12/18/95	2	8.289	8.289	8.4	8.2	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/88-12/18/95	2	0.005	0.005	0.006	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	185.	185.	185.	185.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	1	226.	226.	226.	226.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-12/18/95	2	248.5	248.5	250.	247.	4.5	2.121	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	12/18/95-12/18/95	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	1	51.8	51.8	51.8	51.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-12/18/95	2	27.05	27.05	28.1	26.	2.205	1.485	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-12/18/95	2	12.7	12.7	13.	12.4	0.18	0.424	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-12/18/95	2	0.9	0.9	1.4	0.4	0.5	0.707	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-12/18/95	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	1	70.1	70.1	70.1	70.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/18/95-12/18/95	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-12/18/95	2	47.5	47.5	50.	45.	12.5	3.536	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-12/18/95	2 ##	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-12/18/95	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-12/18/95	2 ##	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-12/18/95	2	895.	895.	1560.	230.	884450.	940.452	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-12/18/95	2	22.5	22.5	30.	15.	112.5	10.607	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-12/18/95	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	12/18/95-12/18/95	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-12/18/95	2	19.5	19.5	29.	10.	180.5	13.435	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/12/96-08/12/96	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/12/96-08/12/96	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			460.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/12/96-08/12/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/12/96-08/12/96	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/18/95-12/18/95	1	320.	320.	320.	320.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1 &	0	0.00				1	0	0.00						
		Drinking Water	5.	1 &	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0112

NPS Station ID: MEVE0112 | LAT/LON: 37.195253/-108.477170 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: SODA CANYON SPRING AT APW TRAIL | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_080
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6600 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SODA CANYON SPRING AT THE APW TRAIL IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	1	4570.	4570.	4570.	4570.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/87-10/01/87	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/87-10/01/87	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/87-10/01/87	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	1	630.	630.	630.	630.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	1	329.	329.	329.	329.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	1	243.	243.	243.	243.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	1	361.	361.	361.	361.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	1	1780.	1780.	1780.	1780.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	1	360.	360.	360.	360.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	1	310.	310.	310.	310.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	1	570.	570.	570.	570.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	1	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	1	2740.	2740.	2740.	2740.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/92-08/06/92	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/92-08/06/92	1	3.041	3.041	3.041	3.041	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1100.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/06/92-08/06/92	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/06/92-08/06/92	1	1.845	1.845	1.845	1.845	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			70.								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0113

NPS Station ID: MEVE0113 | LAT/LON: 37.164642/-108.477865 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: FEWKES CANYON SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_010
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6800 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING AT THE HEAD OF FEWKES CANYON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-10/15/84	2	366.	366.	382.	350.	512.	22.627	**	**	**	**
00400	PH (STANDARD UNITS)	06/15/83-10/15/84	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/15/83-10/15/84	2	7.589	7.589	7.7	7.5	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/83-10/15/84	2	0.026	0.026	0.032	0.02	0.	0.008	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-10/15/84	2	222.	222.	230.	214.	128.	11.314	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-10/15/84	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-10/15/84	2	54.5	54.5	55.	54.	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-10/15/84	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-10/15/84	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-10/15/84	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-10/15/84	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-10/15/84	2	24.	24.	25.	23.	2.	1.414	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/84	2 ##	25.25	25.25	50.	0.5	1225.125	35.002	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-10/15/84	2	90.	90.	100.	80.	200.	14.142	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-10/15/84	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-10/15/84	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-10/15/84	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-10/15/84	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-10/15/84	2	270.	270.	390.	150.	28800.	169.706	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-10/15/84	2 ##	37.5	37.5	50.	25.	312.5	17.678	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-10/15/84	2 ##	42.5	42.5	80.	5.	2812.5	53.033	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-10/15/84	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-10/15/84	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-10/15/84	2	180.	180.	200.	160.	800.	28.284	**	**	**	**

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

Parameter Inventory for Station: MEVE0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-10/15/84	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-10/15/84	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-10/15/84	2 ##	25.25	25.25	50.	0.5	1225.125	35.002	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-06/15/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-10/15/84	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	250.	2	0	0.00	1	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00							1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	1 &	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00							1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	1300.	2	0	0.00	1	0	0.00							1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	5000.	2	0	0.00	1	0	0.00							1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1 &	0	0.00	1	0	0.00									
		Drinking Water	50.	1 &	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00							1	0	0.00

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

Station Inventory for Station: MEVE0114

NPS Station ID: MEVE0114 | LAT/LON: 37.165227/-108.478642 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: FEWKES CANYON DAM | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): MEVE_NPS_082
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6800 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE FEWKES CANYON DAM RESERVOIR IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-11/01/86	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/86-11/01/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/01/86-11/01/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/86-11/01/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-11/01/86	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/01/86-11/01/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-11/01/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-11/01/86	1	21.7	21.7	21.7	21.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-11/01/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-11/01/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-11/01/86	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-11/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-11/01/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-11/01/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-11/01/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-11/01/86	1	5330.	5330.	5330.	5330.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-11/01/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-11/01/86	1	2650.	2650.	2650.	2650.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-11/01/86	1	60.	60.	60.	60.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-11/01/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-11/01/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-11/01/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-11/01/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/23/97-07/23/97	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/23/97-07/23/97	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			460.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/23/97-07/23/97	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/23/97-07/23/97	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.5								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-11/01/86	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: MEVE0115

NPS Station ID: MEVE0115 | LAT/LON: 37.355004/-108.486392 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24490 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MEVE_NURE_002 /1085194
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080202 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/77-09/02/77	1	20.8	20.8	20.8	20.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/77-09/02/77	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/02/77-09/02/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/02/77-09/02/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/77-09/02/77	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/77-09/02/77	1	371.	371.	371.	371.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/77-09/02/77	1	415.	415.	415.	415.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/77-09/02/77	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/02/77-09/02/77	1	295.	295.	295.	295.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/77-09/02/77	1	75.	75.	75.	75.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/02/77-09/02/77	1	165.	165.	165.	165.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/77-09/02/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/02/77-09/02/77	1	374.	374.	374.	374.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/02/77-09/02/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/02/77-09/02/77	1	558.	558.	558.	558.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/77-09/02/77	1	247.	247.	247.	247.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/02/77-09/02/77	1	175.	175.	175.	175.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/02/77-09/02/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0116

NPS Station ID: MEVE0116 LAT/LON: 37.184392/-108.487449 Agency: 11NPSWRD Date Created: 07/03/99
Location: SPRUCE TREE HOUSE SPRING FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6900 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR SPRUCE TREE HOUSE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-07/21/98	12	380.5	376.083	420.	311.	1120.447	33.473	317.	351.5	404.5	416.7
00400	PH (STANDARD UNITS)	06/15/83-07/21/98	12	7.65	7.517	8.2	6.9	0.212	0.461	6.9	7.	7.9	8.11
00400	CONVERTED PH (STANDARD UNITS)	06/15/83-07/21/98	12	7.647	7.304	8.2	6.9	0.262	0.512	6.9	7.	7.9	8.11
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/83-07/21/98	12	0.023	0.05	0.126	0.006	0.002	0.048	0.008	0.013	0.1	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-07/21/98	8	172.	172.375	198.	145.	443.125	21.051	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-07/21/98	12	217.	213.333	241.	177.	462.061	21.496	179.4	191.75	232.	240.7
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-07/21/98	10 ##	0.05	0.23	0.5	0.05	0.054	0.232	0.05	0.05	0.5	0.5
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-07/21/98	5	1.	0.802	1.2	0.21	0.182	0.427	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-07/21/98	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-07/21/98	8	213.	206.	228.	160.	465.143	21.567	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-07/21/98	12	56.8	55.517	62.7	40.5	31.823	5.641	43.65	53.425	59.125	61.68
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-07/21/98	12	17.1	16.942	19.1	14.3	1.666	1.291	14.6	16.025	17.725	18.77
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-07/21/98	12	2.3	2.371	4.4	0.05	1.468	1.212	0.215	2.	3.3	4.13
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-07/21/98	12	1.	1.279	6.	0.25	2.352	1.534	0.265	0.4	1.2	4.59
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-07/21/98	12	2.5	3.167	11.	1.	7.061	2.657	1.	2.	3.75	8.9
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-07/21/98	12	32.4	38.658	98.1	9.4	544.65	23.338	13.78	25.325	48.725	87.93
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/89	5 ##	0.5	10.4	50.	0.5	490.05	22.137	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-07/21/98	12	70.	66.667	90.	10.	587.879	24.246	16.	62.5	87.5	90.
01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-07/21/98	12	20.	57.5	440.	10.	14602.273	120.84	10.	20.	37.5	320.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-07/21/98	12 ##	5.	4.167	5.	2.5	1.515	1.231	2.5	2.5	5.	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-07/21/98	12	10.	12.083	30.	5.	70.265	8.382	5.	5.	20.	27.
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-07/21/98	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-07/21/98	12	30.	54.167	150.	5.	2712.879	52.085	5.	10.	95.	147.

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

Parameter Inventory for Station: MEVE0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-07/21/98	12 ##	25.	29.167	50.	25.	94.697	9.731	25.	25.	25.	50.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-07/21/98	12 ##	7.5	25.	130.	5.	1486.364	38.553	5.	5.	32.5	112.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-07/21/98	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-07/21/98	12 ##	5.	5.417	10.	5.	2.083	1.443	5.	5.	5.	8.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-10/01/87	3	190.	190.	200.	180.	100.	10.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-07/21/98	12 ##	5.	7.5	30.	5.	52.273	7.23	5.	5.	5.	24.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-07/21/98	12 ##	50.	54.167	100.	50.	208.333	14.434	50.	50.	50.	85.
01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-07/21/98	12 ##	0.5	4.625	50.	0.5	204.188	14.289	0.5	0.5	0.5	35.15
01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-10/01/87	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-07/01/95	3	4.8	4.833	5.3	4.4	0.203	0.451	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-07/01/95	3	4.5	4.533	4.7	4.4	0.023	0.153	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/28/95-07/21/98	4 ##	1.5	401.125	1600.	1.5	638800.563	799.25	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/28/95-07/21/98	4 ##	0.176	0.933	3.204	0.176	2.292	1.514	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			8.572								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/16/96-07/21/98	3 ##	1.5	11.	30.	1.5	270.75	16.454	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/16/96-07/21/98	3 ##	0.176	0.61	1.477	0.176	0.564	0.751	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.072								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-07/21/98	7	322.	332.	422.	263.	2849.333	53.379	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-08/01/95	9	2.9	3.594	6.7	0.05	5.614	2.369	0.05	1.6	5.9	6.7

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

EPA Water Quality Criteria Analysis for Station: MEVE0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	12	0	0.00	10	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	10	0	0.00							2	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	5	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	12	0	0.00	10	0	0.00							2	0	0.00
		Drinking Water	250.	12	0	0.00	10	0	0.00							2	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	12	0	0.00	10	0	0.00							2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	4	0	0.00							1	0	0.00
		Drinking Water	50.	4 &	0	0.00	4	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	12	0	0.00	10	0	0.00							2	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4 &	0	0.00	3	0	0.00							1	0	0.00
		Drinking Water	5.	4 &	0	0.00	3	0	0.00							1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	10	0	0.00							2	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	12	0	0.00	10	0	0.00							2	0	0.00
		Drinking Water	1300.	12	0	0.00	10	0	0.00							2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	10	0	0.00							2	0	0.00
		Drinking Water	15.	1 &	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	12	0	0.00	10	0	0.00							2	0	0.00
		Drinking Water	100.	12	0	0.00	10	0	0.00							2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	10	0	0.00							2	0	0.00
		Drinking Water	5000.	12	0	0.00	10	0	0.00							2	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	11 &	0	0.00	10	0	0.00							1	0	0.00
		Drinking Water	50.	11 &	0	0.00	10	0	0.00							1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	1	0.25	3	1	0.33							1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	0	0.00	3	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	7	0	0.00							2	0	0.00

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

Seasonal Analysis for Season #1: 7/15 to 10/31 - Station MEVE0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-07/21/98	10	389.	378.3	420.	311.	1286.678	35.87	313.	349.75	406.75	418.9
00400	PH (STANDARD UNITS)	06/15/83-07/21/98	10	7.7	7.55	8.2	6.9	0.225	0.474	6.9	6.975	7.9	8.17
00400	CONVERTED PH (STANDARD UNITS)	06/15/83-07/21/98	10	7.689	7.322	8.2	6.9	0.283	0.532	6.9	6.975	7.9	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/83-07/21/98	10	0.02	0.048	0.126	0.006	0.002	0.049	0.007	0.013	0.106	0.126
00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-07/21/98	10	217.	211.9	241.	177.	534.989	23.13	177.8	188.	234.75	240.9
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-07/21/98	9 ##	0.05	0.25	0.5	0.05	0.056	0.237	0.05	0.05	0.5	0.5
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-07/21/98	10 ##	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.095
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-07/21/98	10	56.8	55.09	62.7	40.5	37.077	6.089	41.55	52.425	58.975	62.35
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-07/21/98	10	17.1	16.85	19.1	14.3	1.945	1.395	14.4	15.6	17.625	18.99
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-07/21/98	10	2.7	2.64	4.4	0.6	1.1	1.049	0.74	2.	3.425	4.31
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-07/21/98	10	1.	1.315	6.	0.25	2.864	1.692	0.255	0.3	1.225	5.53
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-07/21/98	10	2.5	3.2	11.	1.	8.4	2.898	1.	1.75	3.25	10.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-07/21/98	10	32.9	40.98	98.1	9.4	628.904	25.078	10.86	25.5	55.275	94.71
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-07/21/98	10	70.	66.	90.	10.	693.333	26.331	12.	60.	90.	90.
01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-07/21/98	10	20.	23.	40.	10.	112.222	10.593	10.	17.5	32.5	40.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-07/21/98	10 ##	5.	4.25	5.	2.5	1.458	1.208	2.5	2.5	5.	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-07/21/98	10	10.	11.	20.	5.	43.333	6.583	5.	5.	20.	20.
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-07/21/98	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	5.	9.5
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-07/21/98	10	30.	54.5	150.	5.	2813.611	53.043	5.5	10.	95.	149.
01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-07/21/98	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-07/21/98	10	10.	29.	130.	5.	1710.	41.352	5.	5.	47.5	124.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-07/21/98	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	5.	9.5
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-07/21/98	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-07/21/98	10 ##	5.	8.	30.	5.	62.222	7.888	5.	5.	6.25	28.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-07/21/98	10 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-07/21/98	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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

Seasonal Analysis for Season #4: 5/10 to 7/14 - Station MEVE0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-07/21/98	2	365.	365.	380.	350.	450.	21.213	**	**	**	**
00400	PH (STANDARD UNITS)	06/15/83-07/21/98	2	7.35	7.35	7.7	7.	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/15/83-07/21/98	2	7.222	7.222	7.7	7.	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/83-07/21/98	2	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-07/21/98	2	220.5	220.5	229.	212.	144.5	12.021	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-07/21/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-07/21/98	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-07/21/98	2	57.65	57.65	59.3	56.	5.445	2.333	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-07/21/98	2	17.4	17.4	17.8	17.	0.32	0.566	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-07/21/98	2 ##	1.025	1.025	2.	0.05	1.901	1.379	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-07/21/98	2	1.1	1.1	1.2	1.	0.02	0.141	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-07/21/98	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-07/21/98	2	27.05	27.05	29.	25.1	7.605	2.758	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-07/21/98	2	70.	70.	80.	60.	200.	14.142	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-07/21/98	2	230.	230.	440.	20.	88200.	296.985	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-07/21/98	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-07/21/98	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-07/21/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-07/21/98	2 ##	52.5	52.5	100.	5.	4512.5	67.175	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-07/21/98	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-07/21/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-07/21/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-07/21/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-07/21/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-07/21/98	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**

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

Seasonal Analysis for Season #4: 5/10 to 7/14 - Station MEVE0116

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01145 SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-07/21/98	2 ##	25.25	25.25	50.	0.5	1225.125	35.002	**	**	**	**

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

Station Inventory for Station: MEVE0117

NPS Station ID: MEVE0117 | LAT/LON: 37.298087/-108.487504 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: GREEN POND OFF WEST ACCESS ROAD | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): MEVE_NPS_267
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080202 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6700 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT GREEN POND OFF THE WEST ACCESS ROAD OUTSIDE OF MESA VERDE NATIONAL PARK. DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-07/06/94	1	613.	613.	613.	613.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/94-07/06/94	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/94-07/06/94	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/94-07/06/94	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/06/94-07/06/94	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/06/94-07/06/94	1	324.	324.	324.	324.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/06/94-07/06/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/06/94-07/06/94	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/94-07/06/94	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/94-07/06/94	1	165.	165.	165.	165.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/94-07/06/94	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/94-07/06/94	1	18.8	18.8	18.8	18.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/94-07/06/94	1	83.2	83.2	83.2	83.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/94-07/06/94	1	26.8	26.8	26.8	26.8	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-07/06/94	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-07/06/94	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/94-07/06/94	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/06/94-07/06/94	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/06/94-07/06/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/94-07/06/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/94-07/06/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/06/94-07/06/94	1	1030.	1030.	1030.	1030.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/94-07/06/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/94-07/06/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/94-07/06/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/94-07/06/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/94-07/06/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/94-07/06/94	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/06/94-07/06/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/06/94-07/06/94	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/06/94-07/06/94	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			9.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/06/94-07/06/94	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/06/94-07/06/94	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/06/94-07/06/94	1	569.	569.	569.	569.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-07/06/94	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: MEVE0118

NPS Station ID: MEVE0118 LAT/LON: 37.190976/-108.487781 Agency: 11NPSWRD Date Created: 07/03/99
Location: SPRUCE CANYON POTHOLE FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): MEVE_NPS_120
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6950 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR SPRUCE CANYON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/23/97-07/23/97	1	72400.	72400.	72400.	72400.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/23/97-07/23/97	1	4.86	4.86	4.86	4.86	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			72400.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/23/97-07/23/97	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/23/97-07/23/97	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.5								

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

EPA Water Quality Criteria Analysis for Station: MEVE0118

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0119

NPS Station ID: MEVE0119 | LAT/LON: 37.254865/-108.488948 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: FAR VIEW SEWER LAGOON | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): MEVE_NPS_268
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7600 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE FAR VIEW SEWER LAGOON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/24/94-08/12/96	2	35000.	35000.	46000.	24000.	242000000.	15556.349	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/24/94-08/12/96	2	4.521	4.521	4.663	4.38	0.04	0.2	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			33226.495								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/12/96	2	1246.5	1246.5	2400.	93.	2661124.5	1631.295	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/12/96	2	2.674	2.674	3.38	1.968	0.996	0.998	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			472.44								

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

EPA Water Quality Criteria Analysis for Station: MEVE0119

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

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

Station Inventory for Station: MEVE0120

NPS Station ID: MEVE0120
LAT/LON: 37.348198/-108.488893
Agency: 11USBRUC
Date Created: 05/15/82
Location: MCELMO CREEK AT HIGHWAY 160
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DRMC0320
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202010
RF1 Mile Point: 3.310
Distance from RF1: 9.50
On/Off RF1: ON
RF3 Index: 14080202007900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0120

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0121

NPS Station ID: MEVE0121 LAT/LON: 37.272142/-108.491309 Agency: 11NPSWRD Date Created: 07/03/99
Location: MITE 13; BARROW PIT FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): MEVE_NPS_083
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 8100 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE POINT LOOKOUT CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MITE 13 BARROW PIT IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/88-09/15/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/88-09/15/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/88-09/15/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-09/15/88	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-09/15/88	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-09/15/88	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-09/15/88	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-09/15/88	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-09/15/88	1	2210.	2210.	2210.	2210.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-09/15/88	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-09/15/88	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0122

NPS Station ID: MEVE0122 LAT/LON: 37.168781/-108.493031 Agency: 11NPSWRD Date Created: 07/03/99
Location: LITTLE LONG HOUSE POTHOLE FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): MEVE_NPS_142
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6800 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR LITTLE LONG HOUSE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-08/10/98	2	225.	225.	235.	215.	200.	14.142	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/86-08/10/98	2	7.25	7.25	7.4	7.1	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/01/86-08/10/98	2	7.225	7.225	7.4	7.1	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/86-08/10/98	2	0.06	0.06	0.079	0.04	0.001	0.028	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/98-08/10/98	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-08/10/98	2	141.5	141.5	144.	139.	12.5	3.536	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/01/86-08/10/98	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/10/98-08/10/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-08/10/98	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/98-08/10/98	1	116.	116.	116.	116.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-08/10/98	2	41.25	41.25	41.6	40.9	0.245	0.495	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-08/10/98	2	3.35	3.35	3.4	3.3	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-08/10/98	2 ##	0.225	0.225	0.4	0.05	0.061	0.247	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-08/10/98	2	1.55	1.55	1.9	1.2	0.245	0.495	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-08/10/98	2	0.5	0.5	0.8	0.2	0.18	0.424	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-08/10/98	2 ##	1.35	1.35	2.2	0.5	1.445	1.202	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-08/10/98	2	115.	115.	170.	60.	6050.	77.782	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-08/10/98	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-08/10/98	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-08/10/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-08/10/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-08/10/98	2	650.	650.	890.	410.	115200.	339.411	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-11/01/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-08/10/98	2	2080.	2080.	4150.	10.	8569800.	2927.422	**	**	**	**

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

Parameter Inventory for Station: MEVE0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-08/10/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-08/10/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-08/10/98	2	115.	115.	130.	100.	450.	21.213	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/10/98-08/10/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-08/10/98	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-08/10/98	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-08/10/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-08/10/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/14/92-08/10/98	4	270.	18235.375	72400.	1.5	1303954	132.229	36	110.305	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/14/92-08/10/98	4	2.283	2.4	4.86	0.176	3.771	1.942	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			251.431								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/14/92-08/10/98	4 ##	32.25	291.375	1100.	1.	291458.229	539.869	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/14/92-08/10/98	4 ##	0.988	1.254	3.041	0.	2.076	1.441	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			17.956								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/10/98-08/10/98	1	188.	188.	188.	188.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-08/10/98	2 ##	0.825	0.825	1.6	0.05	1.201	1.096	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	1	0.25	4	1	0.25									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	1	0.25	4	1	0.25									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station Inventory for Station: MEVE0123

NPS Station ID: MEVE0123 LAT/LON: 37.240615/-108.494699 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24478 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NURE_011 /1085190
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/77-09/03/77	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/77-09/03/77	1	4750.	4750.	4750.	4750.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/03/77-09/03/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/03/77-09/03/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/77-09/03/77	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/77-09/03/77	1	96.9	96.9	96.9	96.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/77-09/03/77	1	55.3	55.3	55.3	55.3	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/77-09/03/77	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/03/77-09/03/77	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/77-09/03/77	1	131.	131.	131.	131.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/03/77-09/03/77	1	264.	264.	264.	264.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/03/77-09/03/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/77-09/03/77	1	851.	851.	851.	851.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/03/77-09/03/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/03/77-09/03/77	1	131.	131.	131.	131.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/03/77-09/03/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/03/77-09/03/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/03/77-09/03/77	1	4.05	4.05	4.05	4.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0124

NPS Station ID: MEVE0124 LAT/LON: 37.236754/-108.496003 Agency: 11NPSWRD Date Created: 07/03/99
Location: SODA CANYON SPRING FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_028
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 7100 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SODA CANYON SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/89-10/15/89	1	4064.	4064.	4064.	4064.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/89-10/15/89	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/89-10/15/89	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/89-10/15/89	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	1	718.	718.	718.	718.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/89-10/15/89	1	876.	876.	876.	876.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/15/89-10/15/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-10/15/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/89-10/15/89	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	1	864.	864.	864.	864.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/89-10/15/89	1	127.	127.	127.	127.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/89-10/15/89	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/89-10/15/89	1	691.	691.	691.	691.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/89-10/15/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/89-10/15/89	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/89-10/15/89	1	1531.	1531.	1531.	1531.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/89-10/15/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/89-10/15/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/89-10/15/89	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/89-10/15/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/89-10/15/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/89-10/15/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/15/89-10/15/89	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/89-10/15/89	1	60.	60.	60.	60.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/89-10/15/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/89-10/15/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/89-10/15/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/89-10/15/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/89-10/15/89	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/89-10/15/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/92-08/06/92	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/92-08/06/92	1	3.342	3.342	3.342	3.342	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2200.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/06/92-08/06/92	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/06/92-08/06/92	1	2.114	2.114	2.114	2.114	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			130.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-10/15/89	1	3450.	3450.	3450.	3450.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/89-10/15/89	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0125

NPS Station ID: MEVE0125 | LAT/LON: 37.166448/-108.496476 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: ECHO CLIFFS DRAINAGE SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_095
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6200 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE ECHO CLIFFS DRAINAGE SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/91-09/05/91	1	5050.	5050.	5050.	5050.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/91-09/05/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/91-09/05/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/91-09/05/91	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	1	536.	536.	536.	536.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/05/91-09/05/91	1	654.	654.	654.	654.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/05/91-09/05/91	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	1	2001.	2001.	2001.	2001.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/91-09/05/91	1	357.2	357.2	357.2	357.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/91-09/05/91	1	269.9	269.9	269.9	269.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/91-09/05/91	1	1131.5	1131.5	1131.5	1131.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/91-09/05/91	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/91-09/05/91	1	184.	184.	184.	184.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/91-09/05/91	1	3519.2	3519.2	3519.2	3519.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/05/91-09/05/91	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/05/91-09/05/91	1	360.	360.	360.	360.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/05/91-09/05/91	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/05/91-09/05/91	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/05/91-09/05/91	1	430.	430.	430.	430.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/05/91-09/05/91	1	570.	570.	570.	570.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/05/91-09/05/91	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/91-09/05/91	1	450.	450.	450.	450.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/05/91-09/05/91	1	140.	140.	140.	140.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/05/91-09/05/91	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/05/91-09/05/91	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/91-09/05/91	1	600.	600.	600.	600.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/05/91-09/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/15/91-09/15/91	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/15/91-09/15/91	1	2.477	2.477	2.477	2.477	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			300.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/15/91-09/15/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/15/91-09/15/91	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			30.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	1	6127.	6127.	6127.	6127.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0126

NPS Station ID: MEVE0126 LAT/LON: 37.176392/-108.498615 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24475 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NURE_010 /1085189
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOCCASIN MESA COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/77-09/02/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/77-09/02/77	1	750.	750.	750.	750.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/02/77-09/02/77	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/02/77-09/02/77	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/77-09/02/77	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/77-09/02/77	1	37.3	37.3	37.3	37.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/77-09/02/77	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/77-09/02/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/02/77-09/02/77	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/77-09/02/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/02/77-09/02/77	1	286.	286.	286.	286.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/77-09/02/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/02/77-09/02/77	1	105.	105.	105.	105.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/02/77-09/02/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/02/77-09/02/77	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/77-09/02/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/02/77-09/02/77	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/02/77-09/02/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0127

NPS Station ID: MEVE0127 | LAT/LON: 37.157587/-108.501087 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: ECHO CLIFF DIKE SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_086
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6050 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE ECHO CLIFF DIKE SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/84-09/05/91	2	5115.	5115.	5460.	4770.	238050.	487.904	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/84-09/05/91	2	7.3	7.3	8.1	6.5	1.28	1.131	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/84-09/05/91	2	6.79	6.79	8.1	6.5	1.8	1.342	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/84-09/05/91	2	0.162	0.162	0.316	0.008	0.048	0.218	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	1	515.	515.	515.	515.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-09/05/91	2	628.	628.	628.	628.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-09/05/91	2	0.45	0.45	0.7	0.2	0.125	0.354	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	1	1416.	1416.	1416.	1416.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-09/05/91	2	192.6	192.6	198.2	187.	62.72	7.92	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-09/05/91	2	275.1	275.1	326.	224.2	5181.62	71.983	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-09/05/91	2	1096.6	1096.6	1270.2	923.	60273.92	245.507	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-09/05/91	2	15.6	15.6	16.	15.2	0.32	0.566	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-09/05/91	2	234.5	234.5	416.	53.	65884.5	256.68	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-09/05/91	2	3179.6	3179.6	3239.2	3120.	7104.32	84.287	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-10/15/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-09/05/91	2	30.	30.	40.	20.	200.	14.142	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-09/05/91	2	395.	395.	450.	340.	6050.	77.782	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-09/05/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-09/05/91	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-09/05/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-09/05/91	2	75.	75.	140.	10.	8450.	91.924	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-09/05/91	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-09/05/91	2	15.	15.	20.	10.	50.	7.071	**	**	**	**

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

Parameter Inventory for Station: MEVE0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-09/05/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-09/05/91	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/15/84	1	2530.	2530.	2530.	2530.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-09/05/91	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-09/05/91	2	150.	150.	200.	100.	5000.	70.711	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-09/05/91	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	1	6010.	6010.	6010.	6010.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-09/05/91	2	9.5	9.5	18.9	0.1	176.72	13.294	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	1	0.50	2	1	0.50									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	2	1.00	2	2	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: MEVE0128

NPS Station ID: MEVE0128 LAT/LON: 37.386116/-108.501698 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24578 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_100 /1085221
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DOLORES WEST COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	1	21.3	21.3	21.3	21.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/77-08/31/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/77-08/31/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/77-08/31/77	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	1	613.	613.	613.	613.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	1	374.	374.	374.	374.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	1	125.	125.	125.	125.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	08/31/77-08/31/77	1	312.	312.	312.	312.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	1	72.	72.	72.	72.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	1	193.	193.	193.	193.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	1	88.	88.	88.	88.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	1	191.	191.	191.	191.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	1	835.	835.	835.	835.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/31/77-08/31/77	1	68.	68.	68.	68.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/31/77-08/31/77	1	3.08	3.08	3.08	3.08	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0128

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0129

NPS Station ID: MEVE0129 LAT/LON: 37.347781/-108.501670 Agency: 112WRD Date Created: 06/02/90
Location: MCELMO CREEK AT HWY 160, NEAR CORTEZ FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 372052108300601
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 2.20 On/Off RF1:
RF3 Index: 14080107002809.61 RF3 Mile Point: 9.61 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/90-11/14/90	3	10.5	12.333	20.	6.5	48.083	6.934	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/27/90-11/14/90	3	606.	607.333	610.	606.	5.333	2.309	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/90-11/14/90	2	1.545	1.545	3.	0.09	4.234	2.058	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/90-11/14/90	3	6210.	4673.333	6380.	1430.	7896633.333	2810.095	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/90-11/14/90	3	9.9	9.167	11.	6.6	5.243	2.29	**	**	**	**
00400	PH (STANDARD UNITS)	03/27/90-11/14/90	3	8.2	8.	8.3	7.5	0.19	0.436	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/27/90-11/14/90	3	8.2	7.844	8.3	7.5	0.226	0.476	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/90-11/14/90	3	0.006	0.014	0.032	0.005	0.	0.015	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/27/90-11/14/90	3	8.	7.867	8.	7.6	0.053	0.231	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/27/90-11/14/90	3	8.	7.823	8.	7.6	0.056	0.237	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/90-11/14/90	3	0.01	0.015	0.025	0.01	0.	0.009	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/90-11/14/90	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/14/90-11/14/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/27/90-11/14/90	3 ##	0.05	0.167	0.4	0.05	0.041	0.202	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/14/90-11/14/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/90-11/14/90	3	380.	296.667	380.	130.	20833.333	144.338	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/90-11/14/90	3	400.	316.333	490.	59.	51690.333	227.355	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/90-11/14/90	3	680.	485.	680.	95.	114075.	337.75	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/90-11/14/90	3	5.	5.467	6.4	5.	0.653	0.808	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/90-11/14/90	3	93.	72.667	110.	15.	2566.333	50.659	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/27/90-11/14/90	3	3800.	2923.333	4300.	670.	3870633.333	1967.393	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/14/90-11/14/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/90-11/14/90	2	5.4	5.4	5.7	5.1	0.18	0.424	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/27/90-11/14/90	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/27/90-11/14/90	3	150.	120.	150.	60.	2700.	51.962	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/27/90-11/14/90	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/27/90-11/14/90	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/27/90-11/14/90	3	3.	2.667	4.	1.	2.333	1.528	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/27/90-11/14/90	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/27/90-11/14/90	3	5.	5.333	7.	4.	2.333	1.528	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/27/90-11/14/90	3	4.	3.333	5.	1.	4.333	2.082	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/27/90-11/14/90	3	8.	7.667	10.	5.	6.333	2.517	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/27/90-11/14/90	3	2.	1.5	2.	0.5	0.75	0.866	**	**	**	**
28011	URANIUM,NATURAL,TOTAL UG/L AS U	03/27/90-11/14/90	3	19.	15.167	25.	1.5	149.083	12.21	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/90-11/14/90	3	5810.	4686.667	7130.	1120.	9976433.333	3158.549	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/27/90-11/14/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
75993	URANIUM,NATURAL,1 SIGMA PRC EST,TOTAL,WATER UG/L	03/27/90-11/14/90	3	4.2	4.3	8.3	0.4	15.61	3.951	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	15.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
28011	URANIUM, NATURAL, TOTAL	Drinking Water	20.	3	1	0.33	1	0	0.00	1	1	1.00	1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: MEVE0130

NPS Station ID: MEVE0130 LAT/LON: 37.180031/-108.502282 Agency: 11NPSWRD Date Created: 07/03/99
Location: WICKIUP SLUMP POTHOLE FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_161
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 6500 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR WICKIUP SLUMP DAM IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	1	8390.	8390.	8390.	8390.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/87-10/01/87	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/87-10/01/87	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/87-10/01/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/87-10/01/87	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/01/87-10/01/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/01/87-10/01/87	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	1	524.	524.	524.	524.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	1	407.	407.	407.	407.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/01/87-10/01/87	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/01/87-10/01/87	1	6745.	6745.	6745.	6745.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/87-10/01/87	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/01/87-10/01/87	1	1210.	1210.	1210.	1210.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/87-10/01/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/87-10/01/87	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/87-10/01/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	1	1260.	1260.	1260.	1260.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/87-10/01/87	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	1	510.	510.	510.	510.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/87-10/01/87	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/87-10/01/87	1	150.	150.	150.	150.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/87-10/01/87	1	7300.	7300.	7300.	7300.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/87-10/01/87	1	410.	410.	410.	410.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/01/87-10/01/87	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/01/87-10/01/87	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/87-10/01/87	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/01/87-10/01/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/87-10/01/87	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	1	1.00	1	1	1.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	1	1.00	1	1	1.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0131

NPS Station ID: MEVE0131 | LAT/LON: 37.178892/-108.503448 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: WICKIUP SLUMP DAM | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): MEVE_NPS_212
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6350 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A RESERVOIR AT WICKIUP SLUMP DAM IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	1	678.	678.	678.	678.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/88-09/15/88	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/88-09/15/88	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/88-09/15/88	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	293.	293.	293.	293.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	1	64.8	64.8	64.8	64.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-09/15/88	1	31.4	31.4	31.4	31.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-09/15/88	1	28.3	28.3	28.3	28.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-09/15/88	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-09/15/88	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	1	253.	253.	253.	253.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-09/15/88	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-09/15/88	1	730.	730.	730.	730.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-09/15/88	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-09/15/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	1	700.	700.	700.	700.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0132

NPS Station ID: MEVE0132 LAT/LON: 37.378337/-108.507781 Agency: 112WRD Date Created: 06/02/90
Location: SIMON DRAW BLW CASH CANYON, NR CORTEZ FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 372242108302801
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 14080202001001.12 RF3 Mile Point: 3.47 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/90-11/08/90	4	11.	13.375	23.5	8.	53.563	7.319	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/28/90-11/08/90	4	610.	608.25	610.	603.	12.25	3.5	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/28/90-11/08/90	4	0.7	0.7	0.8	0.6	0.007	0.082	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/90-11/08/90	4	2790.	2912.5	3360.	2710.	90425.	300.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/28/90-11/08/90	4	9.6	9.55	10.2	8.8	0.57	0.755	**	**	**	**
00400	PH (STANDARD UNITS)	03/28/90-11/08/90	4	8.1	8.05	8.1	7.9	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/28/90-11/08/90	4	8.1	8.041	8.1	7.9	0.01	0.101	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/28/90-11/08/90	4	0.008	0.009	0.013	0.008	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/28/90-11/08/90	4	8.	7.95	8.	7.8	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/28/90-11/08/90	4	8.	7.941	8.	7.8	0.01	0.101	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/28/90-11/08/90	4	0.01	0.011	0.016	0.01	0.	0.003	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/08/90-11/08/90	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/08/90-11/08/90	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/28/90-11/08/90	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/08/90-11/08/90	2	500.	500.	500.	500.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/08/90-11/08/90	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/28/90-11/08/90	4	390.	387.5	400.	370.	225.	15.	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	11/08/90-11/08/90	2	33000.	33000.	33000.	33000.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	11/08/90-11/08/90	2	4200.	4200.	4200.	4200.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/28/90-11/08/90	4	180.	192.5	250.	160.	1558.333	39.476	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/28/90-11/08/90	4	88.	102.75	160.	75.	1494.25	38.656	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	11/08/90-11/08/90	2	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/28/90-11/08/90	4	4.7	4.8	5.5	4.3	0.36	0.6	**	**	**	**
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	11/08/90-11/08/90	2	6300.	6300.	6300.	6300.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/28/90-11/08/90	4	22.	24.75	36.	19.	58.25	7.632	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/28/90-11/08/90	4	1500.	1550.	1800.	1400.	30000.	173.205	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/08/90-11/08/90	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/90-11/08/90	3	10.	10.333	11.	10.	0.333	0.577	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/28/90-11/08/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/90-11/08/90	2	4.	4.	4.	4.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	11/08/90-11/08/90	2	330.	330.	330.	330.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	11/08/90-11/08/90	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/28/90-11/08/90	4	140.	145.	170.	130.	300.	17.321	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/28/90-11/08/90	4 ##	1.75	1.75	3.	0.5	2.083	1.443	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	2	13.	13.	13.	13.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/28/90-11/08/90	4	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/08/90-11/08/90	2	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	03/28/90-11/08/90	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/90-11/08/90	2	6.	6.	6.	6.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/28/90-11/08/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/90-11/08/90	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/08/90-11/08/90	2	270.	270.	270.	270.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/28/90-11/08/90	4 ##	1.25	1.25	2.	0.5	0.75	0.866	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	11/08/90-11/08/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	2	7.	7.	7.	7.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/08/90-11/08/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	11/08/90-11/08/90	2	200.	200.	200.	200.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/28/90-11/08/90	4	1.	1.875	5.	0.5	4.396	2.097	**	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	11/08/90-11/08/90	2	25.	25.	25.	25.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/28/90-11/08/90	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/90-11/08/90	2	37.	37.	37.	37.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	11/08/90-11/08/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/08/90-11/08/90	2	30000.	30000.	30000.	30000.	0.	0.	**	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	11/08/90-11/08/90	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/28/90-11/08/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/08/90-11/08/90	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	11/08/90-11/08/90	2	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/08/90-11/08/90	2	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
22707	URANIUM, NATURAL IN SEDIMENT (UG/G OF DRY SOLIDS)	11/08/90-11/08/90	2	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
28011	URANIUM,NATURAL,TOTAL UG/L AS U	03/28/90-11/08/90	4	2.8	2.925	4.7	1.4	3.143	1.773	**	**	**	**
39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/08/90-11/08/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/08/90-11/08/90	2	1.	1.	1.	1.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/08/90-11/08/90	2	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/08/90-11/08/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/08/90-11/08/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/08/90-11/08/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/08/90-11/08/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/28/90-11/08/90	4	2560.	2817.5	3590.	2560.	265225.	515.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/28/90-11/08/90	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/08/90-11/08/90	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
75993	URANIUM,NATURAL,1 SIGMA PRC EST,TOTAL,WATER UG/L	03/28/90-11/08/90	3	1.	0.867	1.1	0.5	0.103	0.321	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	11/08/90-11/08/90	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82170	GOLD IN SEDIMENT MG/KG	11/08/90-11/08/90	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82311	YTTERBIUMIN BOTTOM MATERIAL DRY WT. AS YB UG/KG	11/08/90-11/08/90	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82313	THORIUM IN BOTTOM MATERIAL DRY WEIGHT AS TH UG/KG	11/08/90-11/08/90	2	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82317	SCANDIUM, IN BOTTOM MATERIAL DRY WT AS SC UG/KG	11/08/90-11/08/90	2	3.	3.	3.	3.	0.	0.	**	**	**	**
82321	TANTALUM IN BOTTOM MATERIAL DRY WT. AS TA UG/KG	11/08/90-11/08/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00				2	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	5.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	15.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
28011	URANIUM, NATURAL, TOTAL	Drinking Water	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			

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

Station Inventory for Station: MEVE0133

NPS Station ID: MEVE0133 LAT/LON: 37.378337/-108.507781 Agency: 11NPSWRD Date Created: 09/12/98
Location: SIMON DRAW DOWNSTREAM FROM CASH CANYON FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_SD
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DOLORES WEST COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SIMON DRAW DOWNSTREAM FROM CASH CANYON. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 94-4041. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 372242108302801. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: MEVE0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/28/90-11/08/90	3	295.	304.333	331.	287.	549.333	23.438	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/28/90-11/08/90	3	1700.	1766.667	2000.	1600.	43333.333	208.167	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/28/90-11/08/90	3	0.9	1.233	2.	0.8	0.443	0.666	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/28/90-11/08/90	3	4.18	4.6	5.73	3.89	0.979	0.989	**	**	**	**

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

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

Station Inventory for Station: MEVE0134

NPS Station ID: MEVE0134 | LAT/LON: 37.211615/-108.511976 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: MID-NAVAJO CANYON DRAINAGE SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_020
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6500 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MID-NAVAJO CANYON DRAINAGE SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-09/15/88	1	1475.	1475.	1475.	1475.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/88-09/15/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/88-09/15/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/88-09/15/88	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	173.	173.	173.	173.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-09/15/88	1	211.	211.	211.	211.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-09/15/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-09/15/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-09/15/88	1	348.	348.	348.	348.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-09/15/88	1	59.5	59.5	59.5	59.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-09/15/88	1	47.9	47.9	47.9	47.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-09/15/88	1	217.	217.	217.	217.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-09/15/88	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-09/15/88	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-09/15/88	1	610.	610.	610.	610.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-09/15/88	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-09/15/88	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-09/15/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-09/15/88	1	400.	400.	400.	400.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-09/15/88	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-09/15/88	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-09/15/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-09/15/88	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	16.9	16.9	16.9	16.9	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	16.6	16.6	16.6	16.6	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0135

NPS Station ID: MEVE0135
LAT/LON: 37.390559/-108.518059
Agency: 11USBRUC
Date Created: 05/15/82
Location: TOTTEN RESERVOIR INLET AT FLUME
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /CANAL/TYPA/AMBNT
STORET Station ID(s): DRMCTRIN
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORAD-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202011
RF1 Mile Point: 4.920
Distance from RF1: 13.70
On/Off RF1: OFF
RF3 Index: 14080202010000.00
RF3 Mile Point: 0.08
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0136

NPS Station ID: MEVE0136 | LAT/LON: 37.201392/-108.521087 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: WICKIUP CANYON SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_019
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6790 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR WICKIUP CANYON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/84-10/15/84	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/84-10/15/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/84-10/15/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/84-10/15/84	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-10/15/84	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-10/15/84	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-10/15/84	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-10/15/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-10/15/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-10/15/84	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-10/15/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-10/15/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-10/15/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-10/15/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-10/15/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-10/15/84	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-10/15/84	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-10/15/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/15/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-10/15/84	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-10/15/84	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-10/15/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-10/15/84	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0137

NPS Station ID: MEVE0137 | LAT/LON: 37.161337/-108.520948 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: LIMMEY DRAW POTHOLE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): MEVE_NPS_126
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6440 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR LIMMEY DRAW IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-11/01/86	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/86-11/01/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/01/86-11/01/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/86-11/01/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-11/01/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/01/86-11/01/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-11/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-11/01/86	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-11/01/86	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-11/01/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-11/01/86	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-11/01/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-11/01/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-11/01/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-11/01/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-11/01/86	1	470.	470.	470.	470.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-11/01/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-11/01/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-11/01/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-11/01/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-11/01/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-11/01/86	1	600.	600.	600.	600.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-11/01/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-11/01/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-11/01/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-11/01/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: MEVE0138

NPS Station ID: MEVE0138 | LAT/LON: 37.193449/-108.522142 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: SPRING HOUSE SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_004
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7000 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR SPRING HOUSE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/88-07/21/98	2	338.	338.	356.	320.	648.	25.456	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/88-07/21/98	2	8.	8.	8.1	7.9	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/88-07/21/98	2	7.989	7.989	8.1	7.9	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/88-07/21/98	2	0.01	0.01	0.013	0.008	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-07/21/98	2	151.5	151.5	163.	140.	264.5	16.263	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/88-07/21/98	2	185.	185.	199.	171.	392.	19.799	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/88-07/21/98	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-07/21/98	2	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/88-07/21/98	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-07/21/98	2	162.5	162.5	171.	154.	144.5	12.021	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/88-07/21/98	2	36.05	36.05	38.4	33.7	11.045	3.323	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/88-07/21/98	2	17.6	17.6	18.4	16.8	1.28	1.131	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/88-07/21/98	2	6.15	6.15	8.	4.3	6.845	2.616	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/88-07/21/98	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/88-07/21/98	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/15/88-07/21/98	2	11.7	11.7	11.8	11.6	0.02	0.141	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/88-07/21/98	2	55.	55.	60.	50.	50.	7.071	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/88-07/21/98	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/88-07/21/98	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/88-07/21/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/88-07/21/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/88-07/21/98	2 ##	47.5	47.5	90.	5.	3612.5	60.104	**	**	**	**

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

Parameter Inventory for Station: MEVE0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/88-07/21/98	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/88-07/21/98	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/88-07/21/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/88-07/21/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/88-07/21/98	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/88-07/21/98	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/88-07/21/98	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-09/15/88	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/21/98-07/21/98	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/21/98-07/21/98	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			460.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/21/98-07/21/98	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/21/98-07/21/98	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			460.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/98-07/21/98	1	278.	278.	278.	278.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: MEVE0139

NPS Station ID: MEVE0139
LAT/LON: 37.373059/-108.523616
Agency: 11USBRUC
Date Created: 05/15/82
Location: TOTTEN RESERVOIR INLET AT RESERVOIR
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /CANAL/TYPA/AMBNT
STORET Station ID(s): DRMCTRINCUTRINR
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORAD-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14080202017201.23
RF3 Mile Point: 2.89
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0140

NPS Station ID: MEVE0140 LAT/LON: 37.157503/-108.524198 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24434 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NURE_008 /1085179
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/77-09/15/77	1	13.4	13.4	13.4	13.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/77-09/15/77	1	3500.	3500.	3500.	3500.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/77-09/15/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/77-09/15/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/77-09/15/77	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/77-09/15/77	1	39.8	39.8	39.8	39.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/77-09/15/77	1	32.1	32.1	32.1	32.1	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/77-09/15/77	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/77-09/15/77	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/77-09/15/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/77-09/15/77	1	81.	81.	81.	81.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/77-09/15/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/77-09/15/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/77-09/15/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/77-09/15/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/77-09/15/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/15/77-09/15/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/15/77-09/15/77	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0140

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0141

NPS Station ID: MEVE0141
LAT/LON: 37.355281/-108.526671
Agency: 11USBRUC
Date Created: 05/15/82
Location: SIMON DRAW
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DRMC0270
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202011
RF1 Mile Point: 1.890
Distance from RF1: 25.20
On/Off RF1: OFF
RF3 Index: 14080202013700.00
RF3 Mile Point: 1.53
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0142

NPS Station ID: MEVE0142 | LAT/LON: 37.162837/-108.528531 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: ROCK CANYON SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_022
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6100 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT ROCK CANYON SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/89-10/15/89	2	2269.	2269.	4133.	405.	6948992.	2636.094	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/89-10/15/89	2	7.05	7.05	7.8	6.3	1.125	1.061	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/89-10/15/89	2	6.588	6.588	7.8	6.3	1.553	1.246	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/89-10/15/89	2	0.259	0.259	0.501	0.016	0.118	0.343	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	2	364.5	364.5	627.	102.	137812.5	371.231	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/89-10/15/89	2	444.5	444.5	765.	124.	205440.5	453.255	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/15/89-10/15/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-10/15/89	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/89-10/15/89	2	0.3	0.3	0.5	0.1	0.08	0.283	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-10/15/89	2	228.	228.	317.	139.	15842.	125.865	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/89-10/15/89	2	44.5	44.5	48.	41.	24.5	4.95	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/89-10/15/89	2	28.5	28.5	48.	9.	760.5	27.577	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/89-10/15/89	2	416.	416.	811.	21.	312050.	558.614	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/89-10/15/89	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/89-10/15/89	2	26.	26.	47.	5.	882.	29.698	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/89-10/15/89	2	713.5	713.5	1350.	77.	810264.5	900.147	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/89-10/15/89	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/89-10/15/89	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/89-10/15/89	2	195.	195.	340.	50.	42050.	205.061	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/89-10/15/89	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/89-10/15/89	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/89-10/15/89	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/15/89-10/15/89	2	275.	275.	530.	20.	130050.	360.624	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/89-10/15/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/89-10/15/89	2 ##	62.5	62.5	120.	5.	6612.5	81.317	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/89-10/15/89	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/89-10/15/89	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/89-10/15/89	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/89-10/15/89	2 ##	475.	475.	900.	50.	361250.	601.041	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/89-10/15/89	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-10/15/89	2	1678.	1678.	3073.	283.	3892050.	1972.828	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/89-10/15/89	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	1	0.50	2	1	0.50									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: MEVE0143

NPS Station ID: MEVE0143 | LAT/LON: 37.197199/-108.528949 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: LONG CANYON DRAINAGE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_118
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING IN LONG CANYON DRAINAGE IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-09/21/90	1	223.	223.	223.	223.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/90-09/21/90	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/90-09/21/90	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/90-09/21/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/21/90-09/21/90	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/21/90-09/21/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-09/21/90	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/90-09/21/90	1	36.4	36.4	36.4	36.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-09/21/90	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/90-09/21/90	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-09/21/90	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/21/90-09/21/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-09/21/90	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/21/90-09/21/90	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/21/90-09/21/90	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/21/90-09/21/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/21/90-09/21/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/21/90-09/21/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/21/90-09/21/90	1	2590.	2590.	2590.	2590.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/21/90-09/21/90	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/21/90-09/21/90	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/21/90-09/21/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/21/90-09/21/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/21/90-09/21/90	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/21/90-09/21/90	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/21/90-09/21/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0144

NPS Station ID: MEVE0144 LAT/LON: 37.346115/-108.529198 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24526 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_006 /1085202
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-09/01/77	1	7000.	7000.	7000.	7000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/77-09/01/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/77-09/01/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/77-09/01/77	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/77-09/01/77	1	329.	329.	329.	329.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/77-09/01/77	1	358.	358.	358.	358.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	1	685.	685.	685.	685.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/77-09/01/77	1	470.	470.	470.	470.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	1	169.	169.	169.	169.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/01/77-09/01/77	1	259.	259.	259.	259.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/77-09/01/77	1	271.	271.	271.	271.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	1	1370.	1370.	1370.	1370.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	1	292.	292.	292.	292.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/01/77-09/01/77	1	294.	294.	294.	294.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/01/77-09/01/77	1	16.24	16.24	16.24	16.24	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0145

NPS Station ID: MEVE0145 LAT/LON: 37.345837/-108.530281 Agency: 11NPSWRD Date Created: 09/12/98
Location: MCELMO CREEK UPSTREAM FROM SIMON DRAW FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_ME1B
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT MCELMO CREEK UPSTREAM FROM SIMON DRAW. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 372045108314901. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: MEVE0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/22/94-07/06/94	2	102.5	102.5	108.	97.	60.5	7.778	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	2	299.5	299.5	334.	265.	2380.5	48.79	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/94-07/06/94	2	1950.	1950.	2300.	1600.	245000.	494.975	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/22/94-07/06/94	2 ##	12.543	12.543	25.	0.085	310.379	17.618	**	**	**	**

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

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

Station Inventory for Station: MEVE0146

NPS Station ID: MEVE0146 LAT/LON: 37.345837/-108.530281 Agency: 112WRD Date Created: 07/09/94
Location: MC ELMO CREEK ABOVE SIMON DRAW, NR CORTEZ FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 372045108314901
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/22/94-03/22/94	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/94-07/06/94	2	20.25	20.25	27.	13.5	91.125	9.546	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/22/94-07/06/94	2	606.5	606.5	611.	602.	40.5	6.364	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/94-07/06/94	2 ##	1.003	1.003	2.	0.005	1.99	1.411	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/94-07/06/94	2	5990.	5990.	7370.	4610.	3808800.	1951.615	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/22/94-07/06/94	2	7.25	7.25	7.8	6.7	0.605	0.778	**	**	**	**
00400	PH (STANDARD UNITS)	03/22/94-07/06/94	2	8.21	8.21	8.26	8.16	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/22/94-07/06/94	2	8.207	8.207	8.26	8.16	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/94-07/06/94	2	0.006	0.006	0.007	0.005	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/22/94-07/06/94	2	7.85	7.85	7.9	7.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/94-07/06/94	2	7.847	7.847	7.9	7.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/94-07/06/94	2	0.014	0.014	0.016	0.013	0.	0.002	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/22/94-07/06/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/94-07/06/94	2	295.	295.	360.	230.	8450.	91.924	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/94-07/06/94	2	295.	295.	340.	250.	4050.	63.64	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/94-07/06/94	2	715.	715.	1000.	430.	162450.	403.051	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/94-07/06/94	2	6.	6.	6.3	5.7	0.18	0.424	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-07/06/94	2	88.	88.	120.	56.	2048.	45.255	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/22/94-07/06/94	2	3700.	3700.	4600.	2800.	1620000.	1272.792	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/94-07/06/94	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/94-07/06/94	2	8.5	8.5	9.9	7.1	3.92	1.98	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/22/94-07/06/94	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00							1	1	1.00	1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0147

NPS Station ID: MEVE0147 | LAT/LON: 37.362226/-108.531116 | Agency: 11NPSWRD | Date Created: 09/12/98
Location: TOTTEN RESERVOIR | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): MEVE_USGS_TT
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080202 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT TOTTEN RESERVOIR. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 94-4041. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 372144108315201. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/17/90-11/08/90	4	125.5	125.75	139.	113.	216.917	14.728	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/17/90-11/08/90	4	440.	440.	510.	370.	6533.333	80.829	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/17/90-11/08/90	4	0.45	0.45	0.5	0.4	0.003	0.058	**	**	**	**
04192	DEPTH OF SAMPLE, TOTAL, FROM MEAS. PT. METER	04/17/90-11/08/90	4	499.5	499.5	999.	0.	332667.	576.773	**	**	**	**

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

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

Station Inventory for Station: MEVE0148

NPS Station ID: MEVE0148 LAT/LON: 37.362226/-108.531116 Agency: 112WRD Date Created: 07/28/90
Location: TOTTEN RESERVOIR NEAR DAM, NEAR CORTEZ FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 372144108315201
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 1.90 On/Off RF1:
RF3 Index: 14080202001500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/90-11/08/90	4	7.	7.5	15.	1.	57.	7.55	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-11/08/90	5	13.5	12.42	20.	7.5	27.107	5.206	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/17/90-11/08/90	4	610.	610.	610.	610.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/17/90-11/08/90	5	758.	818.	1034.	518.	46500.5	215.64	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/17/90-11/08/90	4	8.5	8.5	9.2	7.8	0.653	0.808	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/90-11/08/90	5	8.2	8.22	8.3	8.2	0.002	0.045	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-11/08/90	5	8.2	8.218	8.3	8.2	0.002	0.045	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-11/08/90	5	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/17/90-11/08/90	4	8.	8.05	8.2	8.	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/17/90-11/08/90	4	8.	8.042	8.2	8.	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-11/08/90	4	0.01	0.009	0.01	0.006	0.	0.002	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/08/90-11/08/90	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/08/90-11/08/90	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-11/08/90	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/08/90-11/08/90	1	700.	700.	700.	700.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/08/90-11/08/90	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/17/90-11/08/90	4	115.	115.	130.	100.	300.	17.321	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	11/08/90-11/08/90	1	110000.	110000.	110000.	110000.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	11/08/90-11/08/90	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/17/90-11/08/90	4	37.5	37.25	45.	29.	80.25	8.958	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/17/90-11/08/90	4	22.5	22.5	27.	18.	21.667	4.655	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	11/08/90-11/08/90	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/17/90-11/08/90	4	2.95	2.95	3.	2.9	0.003	0.058	**	**	**	**
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	11/08/90-11/08/90	1	16000.	16000.	16000.	16000.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/17/90-11/08/90	4	9.5	9.5	11.	8.	1.667	1.291	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/17/90-11/08/90	4	335.	340.	450.	240.	12200.	110.454	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/08/90-11/08/90	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/08/90-11/08/90	2	6.4	6.4	6.5	6.3	0.02	0.141	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/17/90-11/08/90	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/90-11/08/90	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	11/08/90-11/08/90	1	520.	520.	520.	520.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	11/08/90-11/08/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/17/90-11/08/90	4	65.	65.	70.	60.	33.333	5.774	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/17/90-11/08/90	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/17/90-11/08/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/08/90-11/08/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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Parameter Inventory for Station: MEVE0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	04/17/90-11/08/90	4	1.	1.125	2.	0.5	0.396	0.629	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/90-11/08/90	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/17/90-11/08/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/90-11/08/90	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/08/90-11/08/90	1	420.	420.	420.	420.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/17/90-11/08/90	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	11/08/90-11/08/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/90-11/08/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/08/90-11/08/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	11/08/90-11/08/90	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	04/17/90-11/08/90	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	11/08/90-11/08/90	1	66.	66.	66.	66.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/17/90-11/08/90	4 ##	4.25	5.5	12.	1.5	25.5	5.05	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/90-11/08/90	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	11/08/90-11/08/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/08/90-11/08/90	1	57000.	57000.	57000.	57000.	0.	0.	**	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	11/08/90-11/08/90	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/17/90-11/08/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/08/90-11/08/90	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	11/08/90-11/08/90	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/08/90-11/08/90	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
22707	URANIUM, NATURAL IN SEDIMENT (UG/G OF DRY SOLIDS)	11/08/90-11/08/90	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
28011	URANIUM,NATURAL,TOTAL UG/L AS U	04/17/90-11/08/90	4	2.05	2.925	6.	1.6	4.289	2.071	**	**	**	**
39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/08/90-11/08/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/08/90-11/08/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/08/90-11/08/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/08/90-11/08/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/08/90-11/08/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/08/90-11/08/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/08/90-11/08/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/08/90-11/08/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/08/90-11/08/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/17/90-11/08/90	4	649.	655.	795.	527.	21941.333	148.126	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	04/17/90-11/08/90	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/08/90-11/08/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
75993	URANIUM,NATURAL,1 SIGMA PRC EST,TOTAL,WATER UG/L	04/17/90-11/08/90	4	0.65	0.875	1.8	0.4	0.409	0.64	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	11/08/90-11/08/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82170	GOLD IN SEDIMENT MG/KG	11/08/90-11/08/90	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	07/18/90-07/18/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82311	YTTERBIUMIN BOTTOM MATERIAL DRY WT. AS YB UG/KG	11/08/90-11/08/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
82313	THORIUM IN BOTTOM MATERIAL DRY WEIGHT AS TH UG/KG	11/08/90-11/08/90	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82317	SCANDIUM, IN BOTTOM MATERIAL DRY WT AS SC UG/KG	11/08/90-11/08/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
82321	TANTALUM IN BOTTOM MATERIAL DRY WT. AS TA UG/KG	11/08/90-11/08/90	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00				2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00				2	0	0.00	2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00				2	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00				2	0	0.00	2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	250.	4	0	0.00				2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	3	0.75				2	1	0.50	2	2	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	50.	4	0	0.00				2	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	5.	4	0	0.00				2	0	0.00	2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00				2	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	1300.	4	0	0.00				2	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	15.	4	0	0.00				2	0	0.00	2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	5000.	4	0	0.00				2	0	0.00	2	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	50.	4	0	0.00				2	0	0.00	2	0	0.00			
28011	URANIUM, NATURAL, TOTAL	Drinking Water	20.	4	0	0.00				2	0	0.00	2	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	2.	4	0	0.00				2	0	0.00	2	0	0.00			

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

Station Inventory for Station: MEVE0149

NPS Station ID: MEVE0149 LAT/LON: 37.191781/-108.531587 Agency: 11NPSWRD Date Created: 07/03/99
Location: WETHERILL SEWER LAGOONS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): MEVE_NPS_104
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 7100 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WETHERILL SEWER LAGOONS IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/24/94-08/29/95	3	2400.	54500.	160000.	1100.	8348110000.	91367.992	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/24/94-08/29/95	3	3.38	3.875	5.204	3.041	1.353	1.163	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7503.11								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/29/95	3	1100.	6113.333	17000.	240.	89074533.333	9437.931	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/29/95	3	3.041	3.217	4.23	2.38	0.879	0.938	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1649.495								

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

EPA Water Quality Criteria Analysis for Station: MEVE0149

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	3	3	1.00	2	2	1.00							1	1	1.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	3	1.00	2	2	1.00							1	1	1.00

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

Station Inventory for Station: MEVE0150

NPS Station ID: MEVE0150 | LAT/LON: 37.253642/-108.535115 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: EAST FORK LONG CANYON POTHOLE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): MEVE_NPS_243
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7600 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR THE EAST FORK OF LONG CANYON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-09/21/90	1	206.	206.	206.	206.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/90-09/21/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/90-09/21/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/90-09/21/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/21/90-09/21/90	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/21/90-09/21/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-09/21/90	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/90-09/21/90	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-09/21/90	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/90-09/21/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-09/21/90	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/21/90-09/21/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-09/21/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/21/90-09/21/90	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/21/90-09/21/90	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/21/90-09/21/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/21/90-09/21/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/21/90-09/21/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/21/90-09/21/90	1	380.	380.	380.	380.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/21/90-09/21/90	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/21/90-09/21/90	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/21/90-09/21/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/21/90-09/21/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/21/90-09/21/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/21/90-09/21/90	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/21/90-09/21/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0151

NPS Station ID: MEVE0151 | LAT/LON: 37.186476/-108.535170 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: LONG HOUSE SPRING | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_018
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7000 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LONG HOUSE SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-08/04/98	9	301.	318.667	411.	265.	2783.25	52.757	265.	275.	362.	411.
00400	PH (STANDARD UNITS)	06/15/83-08/04/98	9	7.7	7.678	8.7	6.1	0.677	0.823	6.1	7.15	8.4	8.7
00400	CONVERTED PH (STANDARD UNITS)	06/15/83-08/04/98	9	7.7	6.933	8.7	6.1	1.301	1.141	6.1	7.15	8.4	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/83-08/04/98	9	0.02	0.117	0.794	0.002	0.067	0.259	0.002	0.004	0.095	0.794
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/88-08/04/98	7	156.	161.143	185.	147.	197.476	14.053	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-08/04/98	9	190.	193.222	226.	160.	376.444	19.402	160.	182.5	208.	226.
00445	CARBONATE ION (MG/L AS CO3)	09/15/88-08/04/98	7 ##	0.05	0.179	0.5	0.05	0.048	0.22	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/88-08/04/98	4	0.35	0.351	0.7	0.005	0.082	0.287	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/83-08/04/98	9 ##	0.05	0.094	0.4	0.05	0.013	0.116	0.05	0.05	0.075	0.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/88-08/04/98	7	161.	168.571	215.	145.	580.286	24.089	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-08/04/98	9	38.7	40.422	58.5	33.	56.262	7.501	33.	35.4	42.45	58.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-08/04/98	9	15.1	15.267	19.1	13.	3.935	1.984	13.	13.4	16.45	19.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-08/04/98	9	4.	5.778	15.6	1.9	16.742	4.092	1.9	3.9	6.85	15.6
00931	SODIUM ADSORPTION RATIO	09/15/88-09/15/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-08/04/98	9	1.	1.039	3.8	0.2	1.185	1.089	0.2	0.325	1.	3.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-08/04/98	9	3.	5.667	22.	2.	42.25	6.5	2.	2.	6.5	22.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-08/04/98	9	13.1	18.1	47.2	3.	254.408	15.95	3.	9.6	28.65	47.2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/83-10/15/89	4 ##	0.5	12.875	50.	0.5	612.563	24.75	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/83-08/04/98	9	60.	57.778	90.	20.	394.444	19.861	20.	45.	70.	90.
01020	BORON, DISSOLVED (UG/L AS B)	06/15/83-08/04/98	9	20.	18.889	30.	5.	104.861	10.24	5.	7.5	30.	30.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/83-08/04/98	9 ##	5.	4.	5.	1.	2.438	1.561	1.	2.5	5.	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/83-08/04/98	9 ##	5.	9.444	20.	5.	40.278	6.346	5.	5.	15.	20.
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/83-08/04/98	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/83-08/04/98	9	10.	94.444	640.	5.	42521.528	206.207	5.	7.5	65.	640.

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

Parameter Inventory for Station: MEVE0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/83-08/04/98	9 ##	25.	27.778	50.	25.	69.444	8.333	25.	25.	25.	50.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/83-08/04/98	9 ##	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/83-08/04/98	9 ##	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/83-08/04/98	9 ##	5.	6.111	10.	5.	4.861	2.205	5.	5.	7.5	10.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/83-08/04/98	3	90.	90.	100.	80.	100.	10.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/98-08/04/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/83-08/04/98	9 ##	5.	8.333	20.	5.	25.	5.	5.	5.	10.	20.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/83-08/04/98	9 ##	50.	61.111	100.	50.	486.111	22.048	50.	50.	75.	100.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/15/83-08/04/98	9 ##	0.5	6.056	50.	0.5	271.59	16.48	0.5	0.5	0.75	50.
01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/83-08/04/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-08/15/93	2	4.25	4.25	5.1	3.4	1.445	1.202	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/88-08/15/93	2	3.85	3.85	4.5	3.2	0.845	0.919	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/12/95-08/04/98	3 ##	1.5	10.833	30.	1.	275.583	16.601	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/12/95-08/04/98	3 ##	0.176	0.551	1.477	0.	0.651	0.807	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3.557								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/04/98	4 ##	1.25	8.375	30.	1.	207.896	14.419	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/24/94-08/04/98	4 ##	0.088	0.413	1.477	0.	0.51	0.714	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2.59								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-08/04/98	6	270.5	295.167	367.	248.	2650.967	51.488	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/88-09/15/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/83-08/04/98	8	1.9	1.869	3.6	0.05	1.268	1.126	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	9	0	0.00	8	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	9	1	0.11	8	1	0.13							1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	9	0	0.00	8	0	0.00							1	0	0.00
		Drinking Water	250.	9	0	0.00	8	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	9	0	0.00	8	0	0.00							1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00	3	0	0.00							1	0	0.00
		Drinking Water	50.	3 &	0	0.00	3	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	9	0	0.00	8	0	0.00							1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3 &	0	0.00	3	0	0.00									
		Drinking Water	5.	3 &	0	0.00	3	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	9	0	0.00	8	0	0.00							1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	9	0	0.00	8	0	0.00							1	0	0.00
		Drinking Water	1300.	9	0	0.00	8	0	0.00							1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	9	0	0.00	8	0	0.00							1	0	0.00
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	9	0	0.00	8	0	0.00							1	0	0.00
		Drinking Water	100.	9	0	0.00	8	0	0.00							1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	9	0	0.00	8	0	0.00							1	0	0.00
		Drinking Water	5000.	9	0	0.00	8	0	0.00							1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	8 &	0	0.00	8	0	0.00									
		Drinking Water	50.	8 &	0	0.00	8	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00							1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	0	0.00	3	0	0.00							1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	8	0	0.00	7	0	0.00							1	0	0.00

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

Station Inventory for Station: MEVE0152

NPS Station ID: MEVE0152
LAT/LON: 37.359726/-108.535281
Agency: 11USBRUC
Date Created: 05/15/82
Location: TOTTEN RESERVOIR OUTLET AT RESERVOIR
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /CANAL/TYPA/AMBNT
STORET Station ID(s): DRMCTROT
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202011
RF1 Mile Point: 1.060
Distance from RF1: 6.60
On/Off RF1: OFF
RF3 Index: 14080202017200.30
RF3 Mile Point: 0.29
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0153

NPS Station ID: MEVE0153 | LAT/LON: 37.203309/-108.539142 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: ROCK SPRINGS POTHOLE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): MEVE_NPS_181
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7100 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR ROCK SPRINGS IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/89-09/15/94	2	201.	201.	327.	75.	31752.	178.191	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/89-09/15/94	2	7.3	7.3	8.1	6.5	1.28	1.131	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/89-09/15/94	2	6.79	6.79	8.1	6.5	1.8	1.342	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/89-09/15/94	2	0.162	0.162	0.316	0.008	0.048	0.218	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/89-09/15/94	2	93.	93.	152.	34.	6962.	83.439	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/89-09/15/94	2	113.	113.	185.	41.	10368.	101.823	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/15/89-09/15/94	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/89-09/15/94	2 ##	0.053	0.053	0.1	0.005	0.005	0.067	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/89-09/15/94	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/89-09/15/94	2	96.	96.	158.	34.	7688.	87.681	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/89-09/15/94	2	30.4	30.4	50.	10.8	768.32	27.719	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/89-09/15/94	2	4.9	4.9	8.	1.8	19.22	4.384	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/89-09/15/94	2 ##	0.525	0.525	1.	0.05	0.451	0.672	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/89-09/15/94	2	2.6	2.6	4.	1.2	3.92	1.98	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/89-09/15/94	2	0.6	0.6	1.	0.2	0.32	0.566	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/89-09/15/94	2	6.25	6.25	9.	3.5	15.125	3.889	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/89-10/15/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/89-09/15/94	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/89-09/15/94	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/89-09/15/94	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/89-09/15/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/89-09/15/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/15/89-09/15/94	2	510.	510.	820.	200.	192200.	438.406	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/89-09/15/94	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/89-09/15/94	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/89-09/15/94	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/89-09/15/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/89-09/15/94	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/89-09/15/94	2 ##	775.	775.	1500.	50.	1051250.	1025.305	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/89-09/15/94	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/12/95-08/12/96	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/12/95-08/12/96	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1.5								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/12/95-08/12/96	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/12/95-08/12/96	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/89-09/15/94	2	158.5	158.5	258.	59.	19800.5	140.714	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/89-09/15/94	2 ##	0.225	0.225	0.4	0.05	0.061	0.247	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00							1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: MEVE0154

NPS Station ID: MEVE0154 | LAT/LON: 37.212810/-108.539837 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: SHRINE CANYON POTHOLE | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): MEVE_NPS_242
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7350 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A POTHOLE NEAR SHRINE CANYON IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/90-09/20/90	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/90-09/20/90	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/90-09/20/90	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/90-09/20/90	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/20/90-09/20/90	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/20/90-09/20/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/20/90-09/20/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/20/90-09/20/90	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/90-09/20/90	1	25.3	25.3	25.3	25.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/90-09/20/90	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/90-09/20/90	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/90-09/20/90	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/20/90-09/20/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/20/90-09/20/90	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/20/90-09/20/90	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/20/90-09/20/90	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/20/90-09/20/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/20/90-09/20/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/20/90-09/20/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/20/90-09/20/90	1	1330.	1330.	1330.	1330.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/20/90-09/20/90	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/90-09/20/90	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/20/90-09/20/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/20/90-09/20/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/20/90-09/20/90	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/90-09/20/90	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/20/90-09/20/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0154

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0155

NPS Station ID: MEVE0155
LAT/LON: 37.353059/-108.542227
Agency: 11USBRUC
Date Created: 05/15/82
Location: ROCKYFORD OVERFLOW
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /CANAL/TYPA/AMBNT
STORET Station ID(s): DRMC0190
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202011
RF1 Mile Point: 0.450
Distance from RF1: 15.70
On/Off RF1: OFF
RF3 Index: 14080202008100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0155

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0156

NPS Station ID: MEVE0156 | LAT/LON: 37.207948/-108.542866 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: ROCK SPRINGS NEAR ROADCUT | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NPS_098
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7300 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT ROCK SPRINGS NEAR THE ROADCUT IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/86-10/01/87	2	456.5	456.5	481.	432.	1200.5	34.648	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/86-10/01/87	2	7.95	7.95	8.2	7.7	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/01/86-10/01/87	2	7.882	7.882	8.2	7.7	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/86-10/01/87	2	0.013	0.013	0.02	0.006	0.	0.01	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/86-10/01/87	2	255.	255.	277.	233.	968.	31.113	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/01/86-10/01/87	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/86-10/01/87	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/86-10/01/87	2	57.85	57.85	66.7	49.	156.645	12.516	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/86-10/01/87	2	26.2	26.2	27.4	25.	2.88	1.697	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/86-10/01/87	2	6.2	6.2	6.4	6.	0.08	0.283	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/86-10/01/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/01/86-10/01/87	2	9.5	9.5	13.	6.	24.5	4.95	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/01/86-10/01/87	2	24.5	24.5	25.	24.	0.5	0.707	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/87-10/01/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/01/86-10/01/87	2	85.	85.	100.	70.	450.	21.213	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/01/86-10/01/87	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/01/86-10/01/87	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/01/86-10/01/87	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/01/86-10/01/87	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/86-10/01/87	2	1470.	1470.	2690.	250.	2976800.	1725.341	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/01/86-10/01/87	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/01/86-10/01/87	2	105.	105.	190.	20.	14450.	120.208	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/01/86-10/01/87	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/01/86-10/01/87	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/01/86-10/01/87	2	120.	120.	130.	110.	200.	14.142	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/86-10/01/87	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/01/86-10/01/87	2 ##	225.	225.	400.	50.	61250.	247.487	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	11/01/86-10/01/87	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/01/86-10/01/87	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	11/01/86-10/01/87	2 ##	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/86-10/01/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station Inventory for Station: MEVE0157

NPS Station ID: MEVE0157 LAT/LON: 37.215893/-108.545227 Agency: 11NPSWRD Date Created: 07/03/99
Location: ROCK SPRING FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): MEVE_NPS_003
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14080107 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 7370 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER ECO Region:
RF1 Index: 14080107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WETHERILL MESA CO-MONTEZUMA COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT ROCK SPRING IN MESA VERDE NATIONAL PARK. THE DATA ARE FROM SEVERAL LABORATORY REPORTS FROM COLORADO STATE UNIVERSITY SOIL; WATER & PLANT TESTING LABORATORY (FORT COLLINS; CO) AND WERE COLLECTED BY PARK SERVICE EMPLOYEES AS PART OF THE REGULAR MONITORING OF WATER SITES WITHIN MESA VERDE NATIONAL PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOUR- CES AT MESA VERDE NATIONAL PARK; P.O. BOX 8; MESA VERDE NATIONAL PARK CO 81330-0008 (TEL. 970-529-4461). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/84-10/15/84	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/84-10/15/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/84-10/15/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/84-10/15/84	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/84-10/15/84	1	232.	232.	232.	232.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/15/84-10/15/84	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/84-10/15/84	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/84-10/15/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/84-10/15/84	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/84-10/15/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/15/84-10/15/84	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/15/84-10/15/84	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/15/84-10/15/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/84-10/15/84	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/84-10/15/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/15/84-10/15/84	1	2510.	2510.	2510.	2510.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/84-10/15/84	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/84-10/15/84	1	1820.	1820.	1820.	1820.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/15/84-10/15/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/15/84-10/15/84	1	230.	230.	230.	230.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: MEVE0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/84-10/15/84	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/15/84-10/15/84	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/84-10/15/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/84-10/15/84	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0158

NPS Station ID: MEVE0158
LAT/LON: 37.340005/-108.553892
Agency: 11USBRUC
Date Created: 05/15/82
Location: MCELMO CREEK BELOW DENNY LAKE
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DRMC0010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202009
RF1 Mile Point: 4.690
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14080202000400.00
RF3 Mile Point: 1.63
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0159

NPS Station ID: MEVE0159 LAT/LON: 37.327226/-108.555281 Agency: 112WRD Date Created: 07/09/94
Location: UNNAMED DRAINAGE NEAR H AND 27 ROADS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 371938108331901
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/23/94-07/06/94	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/94-07/06/94	2	16.25	16.25	22.	10.5	66.125	8.132	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/23/94-07/06/94	2	612.	612.	613.	611.	2.	1.414	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/94-07/06/94	2	0.075	0.075	0.08	0.07	0.	0.007	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/94-07/06/94	2	4150.	4150.	6190.	2110.	8323200.	2884.996	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/94-07/06/94	2	8.65	8.65	10.9	6.4	10.125	3.182	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/94-07/06/94	2	8.1	8.1	8.31	7.89	0.088	0.297	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/94-07/06/94	2	8.051	8.051	8.31	7.89	0.093	0.305	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/94-07/06/94	2	0.009	0.009	0.013	0.005	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/23/94-07/06/94	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/94-07/06/94	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/94-07/06/94	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/23/94-07/06/94	2	0.385	0.385	0.7	0.07	0.198	0.445	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/94-07/06/94	2	260.	260.	380.	140.	28800.	169.706	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/94-07/06/94	2	345.	345.	560.	130.	92450.	304.056	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/94-07/06/94	2	420.	420.	650.	190.	105800.	325.269	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/94-07/06/94	2	10.25	10.25	13.	7.5	15.125	3.889	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/94-07/06/94	2	38.	38.	68.	8.	1800.	42.426	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/94-07/06/94	2	2490.	2490.	4000.	980.	4560200.	2135.462	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/94-07/06/94	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/94-07/06/94	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/23/94-07/06/94	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0159

Parameter				Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00							1	1	1.00	1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0160

NPS Station ID: MEVE0160 LAT/LON: 37.327226/-108.555281 Agency: 11NPSWRD Date Created: 09/12/98
Location: UNNAMED DRAINAGE NEAR H AND 27 ROADS FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_TRH
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT AN UNNAMED DRAINAGE NEAR H AND 27 ROADS. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 371938108331901. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: MEVE0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/23/94-07/06/94	2	108.5	108.5	125.	92.	544.5	23.335	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/94-07/06/94	2	332.5	332.5	433.	232.	20200.5	142.128	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/94-07/06/94	2	2095.	2095.	3300.	890.	2904050.	1704.127	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/23/94-07/06/94	2	0.735	0.735	1.12	0.35	0.296	0.544	**	**	**	**

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

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

Station Inventory for Station: MEVE0161

NPS Station ID: MEVE0161 | LAT/LON: 37.093309/-108.561115 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: C24367 | FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): MEVE_NURE_060 /1085173
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14080107 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER | ECO Region:
RF1 Index: 14080107 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14080105000100.22 | RF3 Mile Point: 1.56 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOQUI CANYON COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/77-09/15/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/77-09/15/77	1	1620.	1620.	1620.	1620.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/77-09/15/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/77-09/15/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/77-09/15/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/77-09/15/77	1	226.	226.	226.	226.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/77-09/15/77	1	118.	118.	118.	118.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/77-09/15/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/77-09/15/77	1	154.	154.	154.	154.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/77-09/15/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/77-09/15/77	1	73.	73.	73.	73.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/77-09/15/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/77-09/15/77	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/15/77-09/15/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/77-09/15/77	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/77-09/15/77	1	137.	137.	137.	137.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/15/77-09/15/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/15/77-09/15/77	1	2.01	2.01	2.01	2.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0162

NPS Station ID: MEVE0162 LAT/LON: 37.311698/-108.565310 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24525 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_005 /1085201
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-09/01/77	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/77-09/01/77	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/77-09/01/77	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/77-09/01/77	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/77-09/01/77	1	578.	578.	578.	578.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/77-09/01/77	1	312.	312.	312.	312.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	1	398.	398.	398.	398.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/77-09/01/77	1	403.	403.	403.	403.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	1	126.	126.	126.	126.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/01/77-09/01/77	1	214.	214.	214.	214.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/77-09/01/77	1	558.	558.	558.	558.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	1	748.	748.	748.	748.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	1	236.	236.	236.	236.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/01/77-09/01/77	1	167.	167.	167.	167.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/01/77-09/01/77	1	11.11	11.11	11.11	11.11	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0162

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0163

NPS Station ID: MEVE0163 LAT/LON: 37.312809/-108.577504 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24517 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_004 /1085198
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/77-09/03/77	1	18.8	18.8	18.8	18.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/77-09/03/77	1	3850.	3850.	3850.	3850.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/03/77-09/03/77	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/03/77-09/03/77	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/77-09/03/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/77-09/03/77	1	425.	425.	425.	425.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/77-09/03/77	1	232.	232.	232.	232.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/77-09/03/77	1	256.	256.	256.	256.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/03/77-09/03/77	1	248.	248.	248.	248.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/77-09/03/77	1	74.	74.	74.	74.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/03/77-09/03/77	1	126.	126.	126.	126.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/03/77-09/03/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/77-09/03/77	1	431.	431.	431.	431.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/03/77-09/03/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/03/77-09/03/77	1	463.	463.	463.	463.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/03/77-09/03/77	1	124.	124.	124.	124.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/03/77-09/03/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/03/77-09/03/77	1	4.47	4.47	4.47	4.47	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0164

NPS Station ID: MEVE0164 LAT/LON: 37.326115/-108.589171 Agency: 112WRD Date Created: 07/09/94
Location: MC ELMO CREEK AT 25 ROAD, NEAR CORTEZ FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 371934108352101
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/23/94-07/07/94	2	15.	15.	17.	13.	8.	2.828	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/94-07/07/94	2	14.	14.	16.5	11.5	12.5	3.536	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/23/94-07/07/94	2	614.	614.	616.	612.	8.	2.828	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/94-07/07/94	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/94-07/07/94	2	2550.	2550.	3500.	1600.	1805000.	1343.503	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/94-07/07/94	2	8.4	8.4	8.5	8.3	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/94-07/07/94	2	8.29	8.29	8.48	8.1	0.072	0.269	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/94-07/07/94	2	8.25	8.25	8.48	8.1	0.075	0.275	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/94-07/07/94	2	0.006	0.006	0.008	0.003	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/23/94-07/07/94	2	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/94-07/07/94	2	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/94-07/07/94	2	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/23/94-07/07/94	2	1.55	1.55	2.3	0.8	1.125	1.061	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/94-07/07/94	2	255.	255.	330.	180.	11250.	106.066	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/94-07/07/94	2	165.	165.	250.	80.	14450.	120.208	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/94-07/07/94	2	173.5	173.5	270.	77.	18624.5	136.472	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/94-07/07/94	2	5.85	5.85	6.9	4.8	2.205	1.485	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/94-07/07/94	2	35.5	35.5	54.	17.	684.5	26.163	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/94-07/07/94	2	1350.	1350.	2000.	700.	845000.	919.239	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/94-07/07/94	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/94-07/07/94	2	9.25	9.25	9.5	9.	0.125	0.354	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/23/94-07/07/94	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00							1	1	1.00	1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0165

NPS Station ID: MEVE0165 LAT/LON: 37.326115/-108.589171 Agency: 11NPSWRD Date Created: 09/12/98
Location: MCELMO CREEK AT ROAD 25 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_ME25
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT MCELMO CREEK AT ROAD 25. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 371934108352101. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/23/94-07/07/94	2	102.5	102.5	109.	96.	84.5	9.192	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/94-07/07/94	2	334.	334.	450.	218.	26912.	164.049	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/94-07/07/94	2	1340.	1340.	1900.	780.	627200.	791.96	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/23/94-07/07/94	2	56.9	56.9	85.8	28.	1670.42	40.871	**	**	**	**

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

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

Station Inventory for Station: MEVE0166

NPS Station ID: MEVE0166 LAT/LON: 37.321892/-108.590005 Agency: 11NPSWRD Date Created: 08/15/98
Location: C24515 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_NURE_003 /1085196
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ COLORADO-MONTEZUMA COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY. THE SAMPLES WERE FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO 1 WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/77-09/03/77	1	21.6	21.6	21.6	21.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/77-09/03/77	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/03/77-09/03/77	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/03/77-09/03/77	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/77-09/03/77	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/77-09/03/77	1	417.	417.	417.	417.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/77-09/03/77	1	362.	362.	362.	362.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/77-09/03/77	1	221.	221.	221.	221.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/03/77-09/03/77	1	312.	312.	312.	312.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/77-09/03/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/03/77-09/03/77	1	137.	137.	137.	137.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/03/77-09/03/77	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/77-09/03/77	1	495.	495.	495.	495.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/03/77-09/03/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/03/77-09/03/77	1	398.	398.	398.	398.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/03/77-09/03/77	1	211.	211.	211.	211.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	09/03/77-09/03/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/03/77-09/03/77	1	12.34	12.34	12.34	12.34	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00	1	1	1.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: MEVE0167

NPS Station ID: MEVE0167
LAT/LON: 37.288060/-108.593060
Agency: 11USBRUC
Date Created: 05/15/82
Location: HIGHLINE ENTERING MUD CREEK SUB BASIN
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /CANAL/TYPA/AMBNT
STORET Station ID(s): DRMC0260
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202
RF1 Mile Point: 0.000
Distance from RF1: 16.40
On/Off RF1:
RF3 Index: 14080202019102.03
RF3 Mile Point: 3.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0168

NPS Station ID: MEVE0168 LAT/LON: 37.319170/-108.596115 Agency: 112WRD Date Created: 07/09/94
Location: UNNAMED DRAINAGE BELOW 25 ROAD, NR CORTEZ FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 371909108354601
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	03/23/94-07/06/94	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/94-07/06/94	2	14.75	14.75	21.5	8.	91.125	9.546	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/23/94-07/06/94	2	614.	614.	616.	612.	8.	2.828	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/94-07/06/94	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/94-07/06/94	2	4620.	4620.	5920.	3320.	3380000.	1838.478	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/94-07/06/94	2	7.9	7.9	8.8	7.	1.62	1.273	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/94-07/06/94	2	8.08	8.08	8.35	7.81	0.146	0.382	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/94-07/06/94	2	8.001	8.001	8.35	7.81	0.158	0.398	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/94-07/06/94	2	0.01	0.01	0.015	0.004	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/23/94-07/06/94	2	7.85	7.85	7.9	7.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/94-07/06/94	2	7.847	7.847	7.9	7.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/94-07/06/94	2	0.014	0.014	0.016	0.013	0.	0.002	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/94-07/06/94	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/94-07/06/94	2	360.	360.	440.	280.	12800.	113.137	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/94-07/06/94	2	325.	325.	440.	210.	26450.	162.635	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/94-07/06/94	2	465.	465.	670.	260.	84050.	289.914	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/94-07/06/94	2	6.55	6.55	7.	6.1	0.405	0.636	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/94-07/06/94	2	52.	52.	75.	29.	1058.	32.527	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/94-07/06/94	2	2700.	2700.	3600.	1800.	1620000.	1272.792	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/94-07/06/94	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/94-07/06/94	2	8.65	8.65	9.7	7.6	2.205	1.485	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/23/94-07/06/94	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: MEVE0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00							1	1	1.00	1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: MEVE0169

NPS Station ID: MEVE0169 LAT/LON: 37.319170/-108.596115 Agency: 11NPSWRD Date Created: 09/12/98
Location: UNNAMED DRAINAGE DOWNSTREAM FROM ROAD 25 FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MEVE_USGS_TR25
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14080202 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: MIDDLE COLORADO RIVER SAN JUAN RIVER ECO Region:
RF1 Index: 14080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14080105000100.22 RF3 Mile Point: 1.56 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CORTEZ COLORADO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT AN UNNAMED DRAINAGE DOWNSTREAM FROM ROAD 25. THE SAMPLING SITE IS OUTSIDE OF THE MESA VERDE NATIONAL PARK BOUNDARY BUT IS WITHIN A 10 MILE RADIUS OF THE PARK. THE DATA WERE COLLECTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH THE U.S. FISH AND WILDLIFE SERVICE; BUREAU OF RECLAMATION; AND BUREAU OF INDIAN AFFAIRS; AND ARE PRESENTED IN THE USGS WATER-RESOURCES INVESTIGATIONS REPORT NUMBER 97-4008. SELECT DATA FOR THIS SITE WERE PREVIOUSLY UPLOADED TO STORET BY THE USGS UNDER STATION ID 371909108354601. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: MEVE0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/23/94-07/06/94	2	97.5	97.5	100.	95.	12.5	3.536	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/94-07/06/94	2	305.	305.	377.	233.	10368.	101.823	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/23/94-03/23/94	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/94-07/06/94	2	2250.	2250.	2900.	1600.	845000.	919.239	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/23/94-07/06/94	2	6.865	6.865	8.52	5.21	5.478	2.341	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: MEVE0169

				Total	Exceed	Prop.	7/15-10/31			11/01-2/29			3/01-5/09			5/10-7/14		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	1	1.00							1	1	1.00			

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

Station Inventory for Station: MEVE0170

NPS Station ID: MEVE0170
LAT/LON: 37.298615/-108.600004
Agency: 11USBRUC
Date Created: 05/15/82
Location: ROCKYFORD ENTERING MUD CREEK SUB BASIN
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /CANAL/TYPA/AMBNT
STORET Station ID(s): DRMC0220
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202
RF1 Mile Point: 0.000
Distance from RF1: 22.10
On/Off RF1:
RF3 Index: 14080107006700.00
RF3 Mile Point: 1.76
Distance from RF3: 0.82
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0170

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: MEVE0171

NPS Station ID: MEVE0171
LAT/LON: 37.311810/-108.607642
Agency: 11USBRUC
Date Created: 05/15/82
Location: MCELMO CREEK AT HIGHWAY 666
FIPS State/County: 08083 COLORADO/MONTEZUMA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DRMC0020
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14080202
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
ECO Region:
RF1 Index: 14080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14080202000901.09
RF3 Mile Point: 5.89
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: MEVE0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

EPA Water Quality Criteria Analysis for Entire MEVE Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	51	5	0.10	15	0	0.00	13	0	0.00	8	1	0.13	15	4	0.27
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	230	1	0.00	67	0	0.00	60	0	0.00	51	0	0.00	52	1	0.02
00400	PH	Fresh Chronic	9.	387	4	0.01	176	2	0.01	70	0	0.00	51	0	0.00	90	2	0.02
		Other-Lo Lim.	6.5	387	15	0.04	176	11	0.06	70	4	0.06	51	0	0.00	90	0	0.00
00403	PH, LAB	Fresh Chronic	9.	61	0	0.00	12	0	0.00	12	0	0.00	19	0	0.00	18	0	0.00
		Other-Lo Lim.	6.5	61	0	0.00	12	0	0.00	12	0	0.00	19	0	0.00	18	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	7	0	0.00	1	0	0.00	5	0	0.00				1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	36	0	0.00	8	0	0.00	12	0	0.00	8	0	0.00	8	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	48	2	0.04	46	2	0.04							2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	37	0	0.00	9	0	0.00	12	0	0.00	8	0	0.00	8	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	73	0	0.00	20	0	0.00	25	0	0.00	15	0	0.00	13	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	113	1	0.01	36	0	0.00	26	0	0.00	28	1	0.04	23	0	0.00
00723	CYANIDE, DISSOLVED STD METHOD	Fresh Acute	22.	55	0	0.00	11	0	0.00	19	0	0.00	14	0	0.00	11	0	0.00
		Drinking Water	200.	55	0	0.00	11	0	0.00	19	0	0.00	14	0	0.00	11	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	156	0	0.00	46	0	0.00	40	0	0.00	37	0	0.00	33	0	0.00
		Drinking Water	250.	156	0	0.00	46	0	0.00	40	0	0.00	37	0	0.00	33	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	107	0	0.00	89	0	0.00	9	0	0.00				9	0	0.00
		Drinking Water	250.	107	5	0.05	89	5	0.06	9	0	0.00				9	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	226	96	0.42	64	33	0.52	64	25	0.39	52	22	0.42	46	16	0.35
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	105	52	0.50	89	47	0.53	7	2	0.29				9	3	0.33
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	111	0	0.00	35	0	0.00	28	0	0.00	24	0	0.00	24	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	26	0	0.00	6	0	0.00	8	0	0.00	6	0	0.00	6	0	0.00
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	6	0	0.00				3	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	4.	0 &	0	0.00												
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	58	0	0.00	44	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
		Drinking Water	50.	53 &	0	0.00	44	0	0.00	5	0	0.00	4	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	39	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00	11	0	0.00
		Drinking Water	50.	39	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00	11	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	107	0	0.00	89	0	0.00	9	0	0.00				9	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00										3	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	71 &	13	0.18	39	13	0.33	14	0	0.00	9	0	0.00	9	0	0.00
		Drinking Water	5.	71 &	13	0.18	39	13	0.33	14	0	0.00	9	0	0.00	9	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	5.	2	0	0.00	1	0	0.00							1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	160	15	0.09	107	15	0.14	14	0	0.00	4	0	0.00	35	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	20	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	100.	20	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	1	0	0.00							4	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	182	22	0.12	112	20	0.18	21	0	0.00	9	2	0.22	40	0	0.00
		Drinking Water	1300.	182	0	0.00	112	0	0.00	21	0	0.00	9	0	0.00	40	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	5	1	0.20	1	0	0.00							4	1	0.25
		Drinking Water	1300.	5	0	0.00	1	0	0.00							4	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	139 &	11	0.08	97	11	0.11	19	0	0.00	9	0	0.00	14	0	0.00
		Drinking Water	15.	55 &	21	0.38	27	19	0.70	12	0	0.00	9	0	0.00	7	2	0.29
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	1	0	0.00							4	0	0.00
		Drinking Water	15.	4 &	0	0.00	1	0	0.00							3	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	148	0	0.00	104	0	0.00	9	0	0.00				35	0	0.00
		Drinking Water	100.	148	25	0.17	104	21	0.20	9	0	0.00				35	4	0.11
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00										3	0	0.00
		Drinking Water	100.	3	0	0.00										3	0	0.00
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	8	0	0.00				4	0	0.00	1	0	0.00	3	0	0.00
		Drinking Water	100.	8	0	0.00				4	0	0.00	1	0	0.00	3	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	25	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00
		Drinking Water	100.	25	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	44 &	0	0.00	7	0	0.00	15	0	0.00	9	0	0.00	13	0	0.00
		Drinking Water	100.	45	0	0.00	7	0	0.00	15	0	0.00	9	0	0.00	14	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	182	29	0.16	112	19	0.17	21	0	0.00	9	0	0.00	40	10	0.25
		Drinking Water	5000.	182	0	0.00	112	0	0.00	21	0	0.00	9	0	0.00	40	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	5	1	0.20	1	0	0.00							4	1	0.25
		Drinking Water	5000.	5	0	0.00	1	0	0.00							4	0	0.00
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	85	2	0.02	18	0	0.00	30	1	0.03	18	1	0.06	19	0	0.00
		Drinking Water	5000.	85	0	0.00	18	0	0.00	30	0	0.00	18	0	0.00	19	0	0.00

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

EPA Water Quality Criteria Analysis for Entire MEVE Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/15-10/31 Obs	7/15-10/31 Exceed	7/15-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/09 Obs	3/01-5/09 Exceed	3/01-5/09 Prop.	5/10-7/14 Obs	5/10-7/14 Exceed	5/10-7/14 Prop.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	85	0	0.00	19	0	0.00	31	0	0.00	16	0	0.00	19	0	0.00
		Drinking Water	5.	85	0	0.00	19	0	0.00	31	0	0.00	16	0	0.00	19	0	0.00
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	88	0	0.00	19	0	0.00	31	0	0.00	19	0	0.00	19	0	0.00
		Drinking Water	15.	88	5	0.06	19	0	0.00	31	1	0.03	19	1	0.05	19	3	0.16
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	6	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	83	12	0.14	17	0	0.00	31	4	0.13	18	3	0.17	17	5	0.29
		Drinking Water	1300.	83	0	0.00	17	0	0.00	31	0	0.00	18	0	0.00	17	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	136 &	11	0.08	92	11	0.12	12	0	0.00	14	0	0.00	18	0	0.00
		Drinking Water	50.	136 &	6	0.04	92	6	0.07	12	0	0.00	14	0	0.00	18	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	29	0	0.00	4	0	0.00	9	0	0.00	6	0	0.00	10	0	0.00
		Drinking Water	50.	29	0	0.00	4	0	0.00	9	0	0.00	6	0	0.00	10	0	0.00
07000	TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00	1	0	0.00									
09503	RADIUM 226, DISSOLVED	Drinking Water	5.	1	0	0.00										1	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	49	2	0.04	15	2	0.13	2	0	0.00	1	0	0.00	31	0	0.00
28011	URANIUM, NATURAL, TOTAL	Drinking Water	20.	14	1	0.07	2	0	0.00	5	1	0.20	4	0	0.00	3	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	33	2	0.06	7	1	0.14	10	0	0.00	8	0	0.00	8	1	0.13
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	63	19	0.30	56	18	0.32							7	1	0.14
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	59	17	0.29	54	16	0.30							5	1	0.20
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	103	14	0.14	25	7	0.28	34	0	0.00	23	2	0.09	21	5	0.24
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	2	0	0.00	2	0	0.00									
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	4	0	0.00	3	0	0.00							1	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	5	0	0.00	4	0	0.00							1	0	0.00
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	5	0	0.00	4	0	0.00							1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	78	5	0.06	62	5	0.08	7	0	0.00				9	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	18	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00
		Drinking Water	2.	18	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	11	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	2.	11	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00

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

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

No STORET Data Within the MEVE Study Area Exist for These Groups:

Chlorophyll*

*Not A Priority Parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the MEVE Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	233	140	93	0	62
00440	BICARBONATE ION (MG/L AS HCO3)	140	90	50	0	61
00445	CARBONATE ION (MG/L AS CO3)	134	90	44	0	57
		507	320	187	0	180 (79)[!]

pH		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	387	171	203	13	123
00403	PH, LAB (STANDARD UNITS)	61	36	25	0	18
		448	207	228	13	141(123)[!]

Conductivity		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	13	0	13	0	2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	368	164	190	14	122
00096	SALINITY AT 25 DEGREES C (MG/ML)	1	0	1	0	1
		382	164	204	14	125(123)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00300	OXYGEN, DISSOLVED (MG/L)	230	79	147	4	30
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	23	23	0	0	13
		253	102	147	4	43 (43)[!]

Water Temperature		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	173	37	136	0	73
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	116	43	59	14	1
		289	80	195	14	74 (74)[!]

Flow		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00061	FLOW, STREAM, INSTANTANEOUS CFS	123	29	94	0	25
		123	29	94	0	25 (25)[!]

Clarity/Turbidity		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	51	0	41	10	2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	111	43	59	9	1
		162	43	100	19	3 (2)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Nitrate/Nitrogen		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	7	7	0	0	4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	107	39	56	12	2
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	48	48	0	0	29
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	37	0	25	12	1
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	2	2	0	0	1
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	71	39	32	0	2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	73	39	34	0	2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	113	36	77	0	30
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	78	63	15	0	37
		536	273	239	24	108 (80)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	8	0	0	8	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	35	0	35	0	12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	92	39	50	3	2
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	152	92	60	0	52
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	42	7	35	0	16
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	2	2	0	0	1
		331	140	180	11	84 (66)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	285	143	131	11	63
00945	SULFATE, TOTAL (MG/L AS SO4)	226	79	136	11	30
00946	SULFATE, DISSOLVED (MG/L AS SO4)	105	90	15	0	49
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	183	112	59	12	33
		799	424	341	34	175 (97)[!]

Bacteria		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	33	0	18	15	1
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	63	63	0	0	33
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	60	60	0	0	31
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	103	39	49	15	1
		259	162	67	30	66 (35)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 08/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01000	ARSENIC, DISSOLVED (UG/L AS AS)	58	42	16	0	33
01002	ARSENIC, TOTAL (UG/L AS AS)	39	2	27	10	2
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	6	0	6	0	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	141	126	15	0	54
01027	CADMIUM, TOTAL (UG/L AS CD)	2	2	0	0	1
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	85	21	55	9	1
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	160	103	57	0	95
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	20	0	11	9	2
01034	CHROMIUM, TOTAL (UG/L AS CR)	5	5	0	0	4
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	6	0	6	0	1
01040	COPPER, DISSOLVED (UG/L AS CU)	182	126	56	0	95
01042	COPPER, TOTAL (UG/L AS CU)	5	5	0	0	4
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	83	16	58	9	1
01049	LEAD, DISSOLVED (UG/L AS PB)	179	123	56	0	94
01051	LEAD, TOTAL (UG/L AS PB)	5	5	0	0	4
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	88	21	58	9	1
71890	MERCURY, DISSOLVED (UG/L AS HG)	18	17	1	0	5
71900	MERCURY, TOTAL (UG/L AS HG)	11	2	9	0	2
01065	NICKEL, DISSOLVED (UG/L AS NI)	148	92	56	0	91
01067	NICKEL, TOTAL (UG/L AS NI)	3	3	0	0	3
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	8	0	8	0	1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	140	124	16	0	66
01147	SELENIUM, TOTAL (UG/L AS SE)	29	5	15	9	5
01075	SILVER, DISSOLVED (UG/L AS AG)	25	25	0	0	3
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	45	20	24	1	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	182	126	56	0	95
01092	ZINC, TOTAL (UG/L AS ZN)	5	5	0	0	4
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	85	21	56	8	1
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	55	0	47	8	1
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	1	1	0	0	1
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
		1821	1040	709	72	674(115)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	507	320	63.1	79	50.3	6.4	10/20/75-08/10/98	22.2
pH	448	207	46.2	123	78.3	3.6	08/17/71-08/10/98	16.6
Conductivity	382	164	42.9	123	78.3	3.1	08/17/71-08/10/98	14.2
Dissolved Oxygen	253	102	40.3	43	27.4	5.9	05/02/73-07/07/94	11.9
Water Temperature	289	80	27.7	74	47.1	3.9	08/17/71-07/07/94	12.6
Flow	123	29	23.6	25	15.9	4.9	10/20/75-07/07/94	6.6
Clarity/Turbidity	162	43	26.5	2	1.3	81.0	08/17/71-06/22/93	7.4
Nitrate/Nitrogen	536	273	50.9	80	51.0	6.7	08/17/71-08/10/98	19.9
Phosphate/Phosphorus	331	140	42.3	66	42.0	5.0	08/17/71-08/10/98	12.3
Chlorophyll	0	0	0.0	0	0.0	0.0	No Data For Group	0.0
Sulfates/Total Dissolved Solids/Hardness	799	424	53.1	97	61.8	8.2	08/17/71-08/10/98	29.6
Bacteria	259	162	62.5	35	22.3	7.4	08/17/71-08/12/98	9.6
Toxic Elements	1821	1040	57.1	115	73.2	15.8	08/17/71-08/10/98	67.5

Water Quality Observations
Outside STORET Edit Criteria for MEVE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
MEVE0073	01049	LEAD, DISSOLVED (UG/L AS PB)	770901		834.0000000	11NPSWRD	MEVE_NURE_032	
MEVE0074	00440	BICARBONATE ION (MG/L AS HCO3)	930815	1200	1004.0000000	11NPSWRD	MEVE_NPS_045	
MEVE0074	00946	SULFATE, DISSOLVED (MG/L AS SO4)	930815	1200	2965.0000000	11NPSWRD	MEVE_NPS_045	
MEVE0074	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930815	1200	6034.0000000	11NPSWRD	MEVE_NPS_045	
MEVE0074	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930815	1200	5555.0000000	11NPSWRD	MEVE_NPS_045	
MEVE0075	00440	BICARBONATE ION (MG/L AS HCO3)	891015		1023.0000000	11NPSWRD	MEVE_NPS_223	
MEVE0078	00440	BICARBONATE ION (MG/L AS HCO3)	841015		807.0000000	11NPSWRD	MEVE_NPS_077	
MEVE0078	00440	BICARBONATE ION (MG/L AS HCO3)	880915		676.0000000	11NPSWRD	MEVE_NPS_077	
MEVE0078	00440	BICARBONATE ION (MG/L AS HCO3)	950815		626.0000000	11NPSWRD	MEVE_NPS_077	
MEVE0078	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	841015		1090.0000000	11NPSWRD	MEVE_NPS_077	
MEVE0078	00946	SULFATE, DISSOLVED (MG/L AS SO4)	841015		6030.0000000	11NPSWRD	MEVE_NPS_077	
MEVE0078	00946	SULFATE, DISSOLVED (MG/L AS SO4)	880915		2731.0000000	11NPSWRD	MEVE_NPS_077	
MEVE0079	00440	BICARBONATE ION (MG/L AS HCO3)	871001		1456.0000000	11NPSWRD	MEVE_NPS_165	
MEVE0079	00946	SULFATE, DISSOLVED (MG/L AS SO4)	871001		3000.0000000	11NPSWRD	MEVE_NPS_165	
MEVE0081	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	930815		1081.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	940915		1139.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	950815		1031.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00440	BICARBONATE ION (MG/L AS HCO3)	830615		1179.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00440	BICARBONATE ION (MG/L AS HCO3)	841015		1208.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00440	BICARBONATE ION (MG/L AS HCO3)	900921		971.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00440	BICARBONATE ION (MG/L AS HCO3)	910905		951.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00440	BICARBONATE ION (MG/L AS HCO3)	930815		1164.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00440	BICARBONATE ION (MG/L AS HCO3)	940915		1254.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00440	BICARBONATE ION (MG/L AS HCO3)	950815		1258.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	00445	CARBONATE ION (MG/L AS CO3)	900921		104.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	950815		30900.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0081	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	980729		33000.0000000	11NPSWRD	MEVE_NPS_040	
MEVE0083	00440	BICARBONATE ION (MG/L AS HCO3)	980730		1107.0000000	11NPSWRD	MEVE_NPS_260	
MEVE0085	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	841015		1190.0000000	11NPSWRD	MEVE_NPS_085	
MEVE0085	00946	SULFATE, DISSOLVED (MG/L AS SO4)	841015		5440.0000000	11NPSWRD	MEVE_NPS_085	
MEVE0085	00946	SULFATE, DISSOLVED (MG/L AS SO4)	871001		4350.0000000	11NPSWRD	MEVE_NPS_085	
MEVE0085	00946	SULFATE, DISSOLVED (MG/L AS SO4)	950815		2785.0000000	11NPSWRD	MEVE_NPS_085	
MEVE0085	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950815		4455.0000000	11NPSWRD	MEVE_NPS_085	
MEVE0087	00440	BICARBONATE ION (MG/L AS HCO3)	930815		763.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	00946	SULFATE, DISSOLVED (MG/L AS SO4)	871001		4680.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	00946	SULFATE, DISSOLVED (MG/L AS SO4)	891015		5049.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	00946	SULFATE, DISSOLVED (MG/L AS SO4)	900921		5949.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	00946	SULFATE, DISSOLVED (MG/L AS SO4)	910905		5301.1000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	00946	SULFATE, DISSOLVED (MG/L AS SO4)	930815		2985.7000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	00946	SULFATE, DISSOLVED (MG/L AS SO4)	940915		2770.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	00946	SULFATE, DISSOLVED (MG/L AS SO4)	950815		3650.0000000	11NPSWRD	MEVE_NPS_073	

Water Quality Observations
Outside STORET Edit Criteria for MEVE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
MEVE0087	00946	SULFATE, DISSOLVED (MG/L AS SO4)	980729		3211.2000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	891015		20800.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	01145	SELENIUM, DISSOLVED (UG/L AS SE)	871001		104.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	891015		7010.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	910905		8342.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930815		5318.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940915		4376.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950815		5534.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0087	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	980729		4910.0000000	11NPSWRD	MEVE_NPS_073	
MEVE0089	00440	BICARBONATE ION (MG/L AS HCO3)	861101		611.0000000	11NPSWRD	MEVE_NPS_122	
MEVE0091	00440	BICARBONATE ION (MG/L AS HCO3)	871001		1048.0000000	11NPSWRD	MEVE_NPS_198	
MEVE0095	00440	BICARBONATE ION (MG/L AS HCO3)	830615		482.0000000	11NPSWRD	MEVE_NPS_062	
MEVE0095	00440	BICARBONATE ION (MG/L AS HCO3)	841015		561.0000000	11NPSWRD	MEVE_NPS_062	
MEVE0096	00440	BICARBONATE ION (MG/L AS HCO3)	930815		742.0000000	11NPSWRD	MEVE_NPS_255	
MEVE0098	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	930815		1484.0000000	11NPSWRD	MEVE_NPS_245	
MEVE0098	00440	BICARBONATE ION (MG/L AS HCO3)	930815		1675.0000000	11NPSWRD	MEVE_NPS_245	
MEVE0098	00946	SULFATE, DISSOLVED (MG/L AS SO4)	930815		7781.6000000	11NPSWRD	MEVE_NPS_245	
MEVE0098	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930815		14416.0000000	11NPSWRD	MEVE_NPS_245	
MEVE0099	00440	BICARBONATE ION (MG/L AS HCO3)	751021	1015	682.0000000	112WRD	370732108271000	
MEVE0099	00945	SULFATE, TOTAL (MG/L AS SO4)	751021	1015	3300.0000000	112WRD	370732108271000	
MEVE0100	00440	BICARBONATE ION (MG/L AS HCO3)	871001		910.0000000	11NPSWRD	MEVE_NPS_090	
MEVE0100	00440	BICARBONATE ION (MG/L AS HCO3)	880915		709.0000000	11NPSWRD	MEVE_NPS_090	
MEVE0101	00946	SULFATE, DISSOLVED (MG/L AS SO4)	871001		7800.0000000	11NPSWRD	MEVE_NPS_076	
MEVE0101	01145	SELENIUM, DISSOLVED (UG/L AS SE)	871001		217.0000000	11NPSWRD	MEVE_NPS_076	
MEVE0103	00405	CARBON DIOXIDE (MG/L AS CO2)	761027	0940	247.0000000	112WRD	09370800	
MEVE0103	00405	CARBON DIOXIDE (MG/L AS CO2)	761129	1440	167.0000000	112WRD	09370800	
MEVE0103	00405	CARBON DIOXIDE (MG/L AS CO2)	761229	1200	186.0000000	112WRD	09370800	
MEVE0112	00440	BICARBONATE ION (MG/L AS HCO3)	871001		630.0000000	11NPSWRD	MEVE_NPS_080	
MEVE0124	00440	BICARBONATE ION (MG/L AS HCO3)	891015		876.0000000	11NPSWRD	MEVE_NPS_028	
MEVE0125	00440	BICARBONATE ION (MG/L AS HCO3)	910905		654.0000000	11NPSWRD	MEVE_NPS_095	
MEVE0125	00946	SULFATE, DISSOLVED (MG/L AS SO4)	910905		3519.2000000	11NPSWRD	MEVE_NPS_095	
MEVE0125	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	910905		6127.0000000	11NPSWRD	MEVE_NPS_095	
MEVE0127	00440	BICARBONATE ION (MG/L AS HCO3)	841015		628.0000000	11NPSWRD	MEVE_NPS_086	
MEVE0127	00440	BICARBONATE ION (MG/L AS HCO3)	910905		628.0000000	11NPSWRD	MEVE_NPS_086	
MEVE0127	00946	SULFATE, DISSOLVED (MG/L AS SO4)	841015		3120.0000000	11NPSWRD	MEVE_NPS_086	
MEVE0127	00946	SULFATE, DISSOLVED (MG/L AS SO4)	910905		3239.2000000	11NPSWRD	MEVE_NPS_086	
MEVE0127	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	910905		6010.0000000	11NPSWRD	MEVE_NPS_086	
MEVE0129	00945	SULFATE, TOTAL (MG/L AS SO4)	900327	1100	4300.0000000	112WRD	372052108300601	
MEVE0129	00945	SULFATE, TOTAL (MG/L AS SO4)	901114	1520	3800.0000000	112WRD	372052108300601	
MEVE0129	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	900327	1100	7130.0000000	112WRD	372052108300601	
MEVE0129	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	901114	1520	5810.0000000	112WRD	372052108300601	

Water Quality Observations
Outside STORET Edit Criteria for MEVE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
MEVE0130	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	871001		1200.0000000	11NPSWRD	MEVE_NPS_161	
MEVE0130	00946	SULFATE, DISSOLVED (MG/L AS SO4)	871001		6745.0000000	11NPSWRD	MEVE_NPS_161	
MEVE0142	00440	BICARBONATE ION (MG/L AS HCO3)	891015	1200	765.0000000	11NPSWRD	MEVE_NPS_022	
MEVE0146	00945	SULFATE, TOTAL (MG/L AS SO4)	940322	1615	2800.0000000	112WRD	372045108314901	
MEVE0146	00945	SULFATE, TOTAL (MG/L AS SO4)	940706	1520	4600.0000000	112WRD	372045108314901	
MEVE0159	00945	SULFATE, TOTAL (MG/L AS SO4)	940323	1330	4000.0000000	112WRD	371938108331901	
MEVE0168	00945	SULFATE, TOTAL (MG/L AS SO4)	940323	1145	3600.0000000	112WRD	371909108354601	

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) MEVETABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) MEVESITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) MEVEAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) MEVEAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) MEVEOV0.DOC - Overview of park and retrieved data.

(e) MEVEOV1.DOC - Station period of record table.

(f) MEVEOV2.DOC - Parameter period of record table.

(g) MEVEOV3.DOC - Station/parameter period of record table.

(h) MEVEINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) MEVESEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) MEVEEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) MEVEIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) MEVEBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document MEVEOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\MEVEOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) MEVEFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station MEVE0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station MEVE0001) is in the subirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) MEVEPARM.ZIP

This file compresses MEVEPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) MEVESITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

(a) MEVEWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) MEVEIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) MEVEDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) MEVEGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) MEVEDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) MEVEMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

(a) MEVEEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) MEVETOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.

(c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.

(d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.

(e) MEVEREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) MEVEWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (MEVEWQA, MEVEWQB, MEVEWQC, etc.) and the index map name will end with an ampersand (&).

(g) MEVEIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (MEVEIDGA, MEVEIDGB, MEVEIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.

(h) MEVESEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with MEVEFIGS.ZIP and MEVETABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in MEVEMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) MEVERF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

(a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.

(d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) MEVEWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: MEVEPARM.DBF in MEVEPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: MEVEPARM.DBF in MEVEPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: MEVEPARM.DBF in MEVEPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: MEVEWQ.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: MEVEWQ.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: MEVEIFD.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: MEVEIFD.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: MEVEIFD.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: MEVEDRIN.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: MEVEDRIN.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: MEVEDRIN.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: MEVEGAGE.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: MEVEGAGE.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFF	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: MEVEDAMS.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: MEVEDAMS.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: MEVEDAMS.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: MEVEDAMS.DBF in MEVESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in MEVERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in MEVERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in MEVERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in MEVERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCD2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCD3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in MEVERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in MEVERF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130*	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9+	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18+	1300[a]	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82+	15[a]	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400+	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1+	100[s]	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120+	5000[s]	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

Footnote Key:

*Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

+Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

***pH Dependent Criteria (7.8 pH Used).

=Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

^Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

#EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

!Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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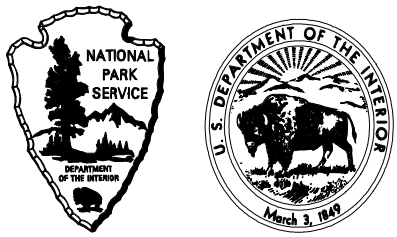
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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