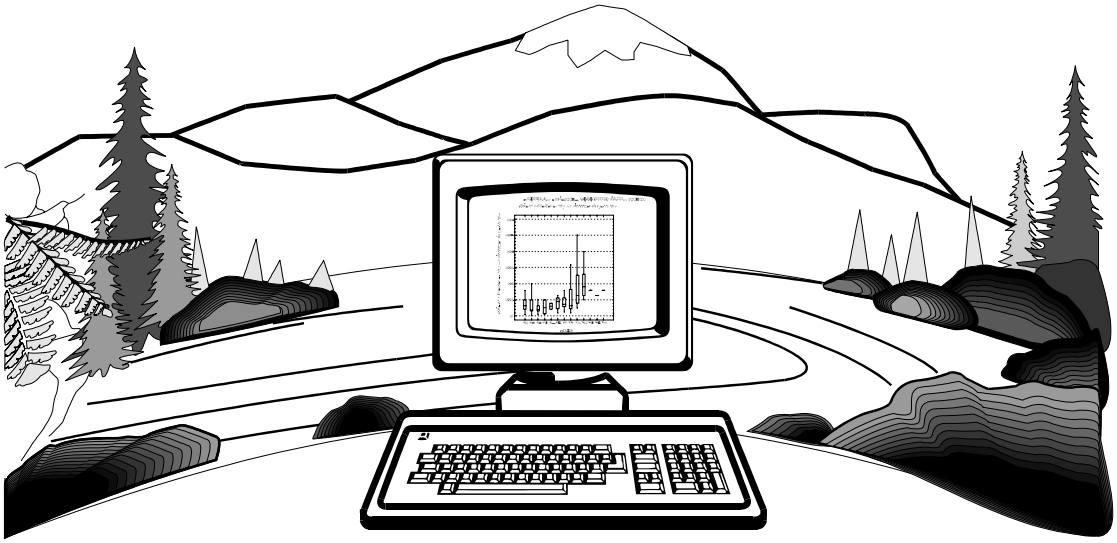
Baseline Water Quality Data

Inventory and Analysis

Dinosaur National Monument



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

DINOSAUR NATIONAL MONUMENT

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-2001/282

FEBRUARY 2003

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

EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Dinosaur National Monument (DINO) 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 one industrial/municipal discharger; one drinking water intake; 11 active or inactive U.S. Geological Survey (USGS) water gages (including stream and climate); and two water impoundments. The results of the STORET retrieval for the study area yielded 54,040 observations for 410 separate parameters collected by the NPS, USGS, EPA, Utah Department of Environmental Quality (UDEQ), and Colorado Department of Health at 259 monitoring stations from 1947 through 1999. Approximately 55 percent of the 54,040 observations within the study area were collected by the UDEQ from 1975 through 1999. Of the 259 monitoring stations, 168 stations were located within the park boundary (see Station Period of Record Tabulation). One station within the study area, but outside of the park boundary, was established but contained no data.

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Eighteen stations within the study area (three within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longer-term records within the park boundary are: (1) Green River near Jensen, Utah (at the Cub Creek Road Bridge) (DINO 0208); (2) Green River at Dinosaur National Monument at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209); and (3) Yampa River downstream of the Little Snake River (DINO 0012). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) Brush Creek at the Utah State Route 149 Bridge (DINO 0233); (2) Stewart Lake Waterfowl Management Area (WMA) outlet upstream of the confluence with the Green River (DINO 0248); (3) J1-J1A Drain Inflow to Stewart Lake WMA (DINO 0243); (4) J-4 Drain to Stewart Lake WMA (DINO 0253); (5) H. Ainge Drain Inflow to Stewart Lake WMA (DINO 0251); and (6) J-3 Drain to Stewart Lake WMA (DINO 0254)[†].

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 DINO water quality criteria screen found 22 groups of

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

parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, cadmium, copper, mercury, selenium, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Chloride, fluoride, sulfate, nitrate, nitrite, barium, cadmium, chromium, lead, mercury, selenium, uranium, radium 226, and radium 228 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 1,079 times at 155 monitoring stations from 1965 through 1999. Twenty-seven concentrations at 20 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life from 1980 through 1998. Seventeen of these 27 observations were reported at 16 springs within the park boundary during 1997 and 1998.

The pH was measured 2,041 times at 196 monitoring stations from 1950 through 1999. Twenty-three observations at 16 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1969 through 1999. Sixteen observations were greater than or equal to pH 9.0 and seven observations were less than or equal to pH 6.5. The highest pH of 9.6 SU was reported within the park boundary in a stream in Deerlodge Park (DINO 0014) in September 1977. The lowest pH of 2.3 SU was reported within the park boundary in the Green River (at the Cub Creek Road Bridge) (DINO 0208) in December 1969.

Turbidity was measured 826 times at 49 monitoring stations from 1968 through 1999. Of the 824 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 253 concentrations at 32 stream stations equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1968 through 1999. Approximately 49 percent of the observations exceeding the criterion were reported within the park boundary in the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) from 1976 through 1999, including the highest concentration of 7,852 FTU in April 1999.

Total coliform concentrations were measured 281 times at 14 monitoring stations from 1968 through 1988. Fifty-one concentrations at eight stations, within the park boundary in the Yampa River downstream of the Little Snake River (DINO 0012) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) and outside the park boundary at the Stewart Lake WMA outlet upstream of the confluence with the Green River (DINO 0248), at or near the Jones Hole Fish Hatchery (DINO 0149, DINO 0150), Brush Creek at the Utah State Route 149 Bridge (DINO 0233), Pot Creek near the Colorado-Utah State Line (DINO 0146), and the Green River at the U.S. Route 40 Bridge near Jensen, Utah (DINO 0230), equaled or exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1968 through 1987. Thirty-eight of these 51 observations were reported at the two stations within the park boundary, in the Yampa River downstream of the Little Snake River (DINO 0012) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209). The highest concentration of 43,000 MPN/100 ml was reported three times at the Stewart Lake WMA outlet upstream of the confluence with the Green River (DINO 0248) and once in Pot Creek near the Colorado-Utah State Line (DINO 0146) from 1977 through 1982. Fecal coliform concentrations were measured 324 times at 17 monitoring stations from 1968 through 1996. Fifty-seven concentrations at seven stations, within the park boundary in the Yampa River in Deerlodge Park (DINO 0012, DINO 0017) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) and outside the park boundary in Brush Creek at the Utah State Route 149 Bridge (DINO 0233), at or near the Jones Hole Fish Hatchery (DINO 0149, DINO 0150), and the Stewart Lake WMA outlet upstream of the confluence with the Green River (DINO 0248), exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1968 through 1991. Forty-five of these 57 concentrations were reported at the three stations within the park boundary, in the Yampa River in Deerlodge Park (DINO 0012, DINO 0017) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209). The highest concentration of 24,000 MPN/100 ml was reported in Brush Creek at the Utah State Route 149 Bridge (DINO 0233) in June 1978.

Chloride concentrations (including dissolved and total) were measured 1,358 times at 143 monitoring stations from 1947 through 1999. Twelve concentrations, ranging from 261 mg/L to 455 mg/L at nine stations, within the park boundary at seven springs (DINO 0113, DINO 0120, DINO 0121, DINO 0132, DINO 0202, DINO 0203, DINO

0213) and in the Yampa River downstream of the Little Snake River (DINO 0012) and outside the park boundary at the Stewart Lake WMA outlet upstream of the confluence with the Green River (DINO 0248), exceeded the secondary drinking water criterion of 250 mg/L from 1948 through 1998. The highest concentration of 455 mg/L was reported within the park boundary at a spring just north of the Green River near River Mile 221 (DINO 0132) in August 1997.

Fluoride concentrations (including dissolved and total) were measured 561 times at 105 monitoring stations from 1950 through 1997. One dissolved concentration of 6 mg/L at the H. Ainge Drain Inflow to the Stewart Lake WMA (DINO 0251) exceeded the drinking water criterion of 4 mg/L in July 1982.

Sulfate concentrations (including dissolved and total) were measured 1,425 times at 143 monitoring stations from 1947 through 1999. Four-hundred-thirty concentrations at 32 stations equaled or exceeded the secondary drinking water criterion of 250 mg/L from 1948 through 1998. Approximately 74 percent of the observations exceeding the criterion were reported at 15 stations in or near the Stewart Lake WMA and Ashley Creek from 1980 through 1992. The highest concentration of 2,900 mg/L was reported twice at the J-4 Drain to the Stewart Lake WMA (DINO 0253) in March 1984.

Nitrate concentrations (including dissolved and total as N and dissolved and total as NO_3) were measured 815 times at 131 monitoring stations from 1947 through 1998. Three total NO_3-N concentrations, ranging from 10.1 mg/L to 37.5 mg/L at two drains near the Stewart Lake WMA (DINO 0253, DINO 0254), exceeded the drinking water criterion of 10 mg/L NO_3-N during 1981 and 1983. The highest concentration of 37.5 mg/L was reported at the J-4 Drain to the Stewart Lake WMA (DINO 0253) in December 1983.

Nitrite concentrations (including dissolved and total as N) were measured 613 times at 24 monitoring stations from 1968 through 1996. Of the 612 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), two total concentrations of 1.19 mg/L at the Odum Drain Inflow to the Stewart Lake WMA (DINO 0244) and 1.1 mg/L in Bishop Creek near the Jones Hole Fish Hatchery (DINO 0151) exceeded the drinking water criterion of 1 mg/L in March 1986 and July 1971, respectively.

Barium concentrations (including dissolved and field acidified) were measured 773 times at 118 monitoring stations from 1978 through 1999. One field acidified concentration of 13 mg/L within the park boundary in the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) exceeded the drinking water criterion of 2 mg/L in October 1982.

Cadmium concentrations (including dissolved, suspended, total, total recoverable, and field acidified) were measured 863 times at 87 monitoring stations from 1968 through 1999. Of the 861 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), ten concentrations, ranging from 4 micrograms per liter (µg/L) to 8 µg/L at three stations, within the park boundary in the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) and outside the park boundary in the Green River at the U.S. Route 40 Bridge near Jensen, Utah (DINO 0230) and the H. Ainge Drain Inflow to the Stewart Lake WMA (DINO 0251), exceeded the acute freshwater criterion of 3.9 µg/L from 1975 through 1985. Seven of these ten concentrations also equaled or exceeded the drinking water criterion of 5 µg/L. Sixty-five percent of the observations exceeding the criteria were reported within the park boundary in the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) from 1976 through 1980, including the highest concentration of 8 µg/L in October 1976.

Chromium concentrations (including dissolved, hexavalent, total recoverable, and field acidified) were measured 858 times at 28 monitoring stations from 1968 through 1999. One field acidified concentration of 113 µg/L in Brush Creek at the Utah State Route 149 Bridge (DINO 0233) exceeded the drinking water criterion of 100 µg/L in February 1986.

Copper concentrations (including dissolved, suspended, total, total recoverable, and field acidified) were measured 813 times at 31 monitoring stations from 1968 through 1999. Seventy concentrations at 11 stations equaled or

exceeded the acute freshwater criterion of 18 µg/L from 1970 through 1992. The highest concentration of 400 µg/L was reported within the park boundary at McKee Spring (DINO 0198) in May 1970.

Lead concentrations (including dissolved, suspended, total, total recoverable, and field acidified) were measured 797 times at 26 monitoring stations from 1968 through 1999. Of the 796 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 23 concentrations at five stream stations, within the park boundary in the Yampa River downstream of the Little Snake River (DINO 0012) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) and outside the park boundary in Brush Creek at the Utah State Route 149 Bridge (DINO 0233), the Stewart Lake WMA outlet upstream of the confluence with the Green River (DINO 0248), and the diversion from Ashley Creek to the Stewart Lake WMA (DINO 0256), equaled or exceeded the drinking water criterion of 15 µg/L from 1976 through 1991. Seventeen of these 23 concentrations were reported at the two stations within the park boundary, in the Yampa River downstream of the Little Snake River (DINO 0012) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) from 1976 through 1988, including the highest concentration of 28 µg/L (DINO 0012) in February 1982.

Mercury concentrations (including dissolved, suspended, total, and field acidified) were measured 677 times at 25 monitoring stations from 1975 through 1999. Two field acidified concentrations of 6.1 µg/L at an inflow to the Stewart Lake WMA (DINO 0245) exceeded the drinking water criterion of 2.0 µg/L and the acute freshwater criterion of 2.4 µg/L in June 1984.

Selenium concentrations (including dissolved, suspended, total, and acid soluble) were measured 814 times at 29 monitoring stations from 1968 through 1999. Nineteen concentrations at six stream stations, in or near the Stewart Lake WMA and Ashley Creek (DINO 0240, DINO 0243, DINO 0248, DINO 0250, DINO 0255) and Brush Creek at the Utah State Route 149 Bridge (DINO 0233), equaled or exceeded the acute freshwater criterion of 20 µg/L from 1986 through 1993. Four of these 19 concentrations also exceeded the drinking water criterion of 50 µg/L during 1986 and 1987. Approximately 91 percent of the concentrations exceeding the criteria were reported at the five stations in or near the Stewart Lake WMA and Ashley Creek (DINO 0240, DINO 0243, DINO 0248, DINO 0250, DINO 0255) from 1986 through 1992, including the highest concentration of 97 µg/L at the Stewart Lake Inflow J-4 (DINO 0255) in June 1986.

Silver concentrations (including dissolved, total recoverable, and field acidified) were measured 761 times at 87 monitoring stations from 1968 through 1999. Seven concentrations, ranging from 5 µg/L to 10 µg/L at four stream stations, within the park boundary in the Yampa River downstream of the Little Snake River (DINO 0012) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) and outside the park boundary in Brush Creek at the Utah State Route 149 Bridge (DINO 0233) and the Stewart Lake WMA outlet upstream of the confluence with the Green River (DINO 0248), exceeded the acute freshwater criterion of 4.1 µg/L from 1969 through 1980. Five of these seven concentrations were reported at the two stations within the park boundary, in the Yampa River downstream of the Little Snake River (DINO 0012) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) during 1969 and 1978. The highest concentration of 10 µg/L was reported at the Stewart Lake WMA outlet upstream of the confluence with the Green River (DINO 0248) in February 1980.

Dissolved natural uranium concentrations were measured 87 times at 61 monitoring stations from 1977 through 1995. Twenty-three concentrations at 11 stations exceeded the drinking water criterion of 20 µg/L from 1977 through 1995. Seventeen of these 23 observations were reported at five stations in or near the Stewart Lake WMA (DINO 0239, DINO 0240, DINO 0249, DINO 0252, DINO 0255). The highest concentration of 108.04 µg/L was reported at a spring near Willow Creek north of U.S. Highway 40 (DINO 0074) in August 1978.

Zinc concentrations (including dissolved, suspended, total, and field acidified) were measured 949 times at 118 monitoring stations from 1968 through 1999. Ten concentrations, ranging from 120 µg/L to 845 µg/L at three stations, within the park boundary in the Yampa River downstream of the Little Snake River (DINO 0012) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) and outside the park boundary in Brush Creek at the Utah State Route 149 Bridge (DINO 0233), equaled or exceeded the acute freshwater criterion

of 120 µg/L from 1970 through 1980. Nine of these ten concentrations were reported at the two stations within the park boundary, in the Yampa River downstream of the Little Snake River (DINO 0012) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209). The highest concentration of 845 µg/L was reported in Brush Creek at the Utah State Route 149 Bridge (DINO 0233) in February 1980.

Radium 226 concentrations (including dissolved and total) were measured 16 times at two monitoring stations within the park boundary, in the Yampa River downstream of the Little Snake River (DINO 0012) and the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209), from 1970 through 1989. Of the ten observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), one total concentration of 652 picocuries per liter (pC/L) in the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) exceeded the drinking water criterion of 5 pC/L in June 1982.

Total radium 228 concentrations were measured 14 times at two monitoring stations, within the park boundary in the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) and outside the park boundary in Brush Creek at the Utah State Route 149 Bridge (DINO 0233), from 1980 through 1999. One concentration within the park boundary in the Green River at the Utah State Route 149 (Cub Creek Road) Bridge (DINO 0209) equaled the drinking water criterion of 5 pC/L in April 1980.

The IDEA conducted for DINO 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 Bacteria, less than 25 percent of the observations were recorded since 1985. Overall, approximately 41 percent of the observations for Level I parameter groups were recorded since 1985. Data for four groups (Flow, Clarity/Turbidity, Phosphate/Phosphorus, and Bacteria) were recorded at less than half of the 258 monitoring stations with data. Relative to other parameter groups with data, data were limited for the group Bacteria. Results for 43 of the 126 EPA priority toxic pollutants (consisting of inorganic and organic parameters, metals, pesticides, and PCB's) were retrieved from STORET.

Surface water resources in the DINO study area include the Green, Yampa, and Little Snake Rivers; Stewart Lake; Jones Hole, Brush, Zenobia, and many other perennial or intermittent creeks; McKee, Jones Hole, Marthas, Limestone, and many other springs; and a few impoundments. The data inventories and analyses contained in this report indicate that surface waters within the study area appear to have been impacted by natural and human activities. Potential natural sources of contaminants include erosion from flash floods, geologic weathering, and wildfires. Potential anthropogenic sources of contaminants include industrial and municipal wastewater discharges; stormwater runoff; mining and gravel pit operations; agricultural and ranching activities; 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.

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

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

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

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.

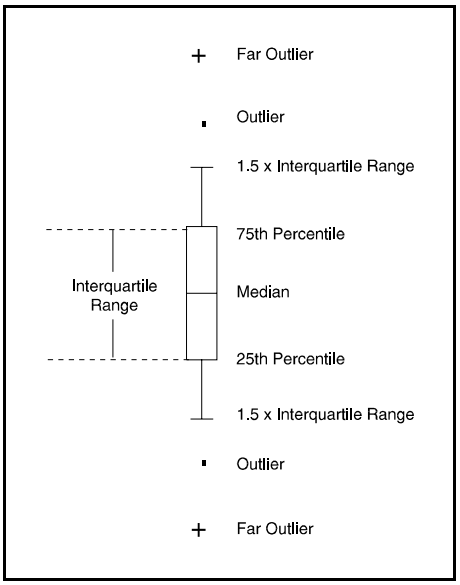
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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 DINO

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:	693046	210678
# STORET Stations:	259	168
# Stations With No Data:	1	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	18	3
Date of STORET Retrieval:	12/15/99	12/15/99
Period of Record:	06/16/47-12/16/99	06/16/47-12/15/99
# Parameters Measured:	410	303
# Water Quality Observations:	54040	33047
# Industrial/Municipal Facilities:	1	0
# Drinking Water Intakes:	1	0
# Water Gages:	11	4
# Water Impoundments:	2	0
# Total Plots:	173	169
# Time Series:	59	55
# Annual:	54	54
# Seasonal:	60	60

Hydrologic Definition of Seasons:

1. September 1 - February 29
2. March 1 - May 31
3. June 1 - August 31

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 20 years and at least 120 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 10 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.

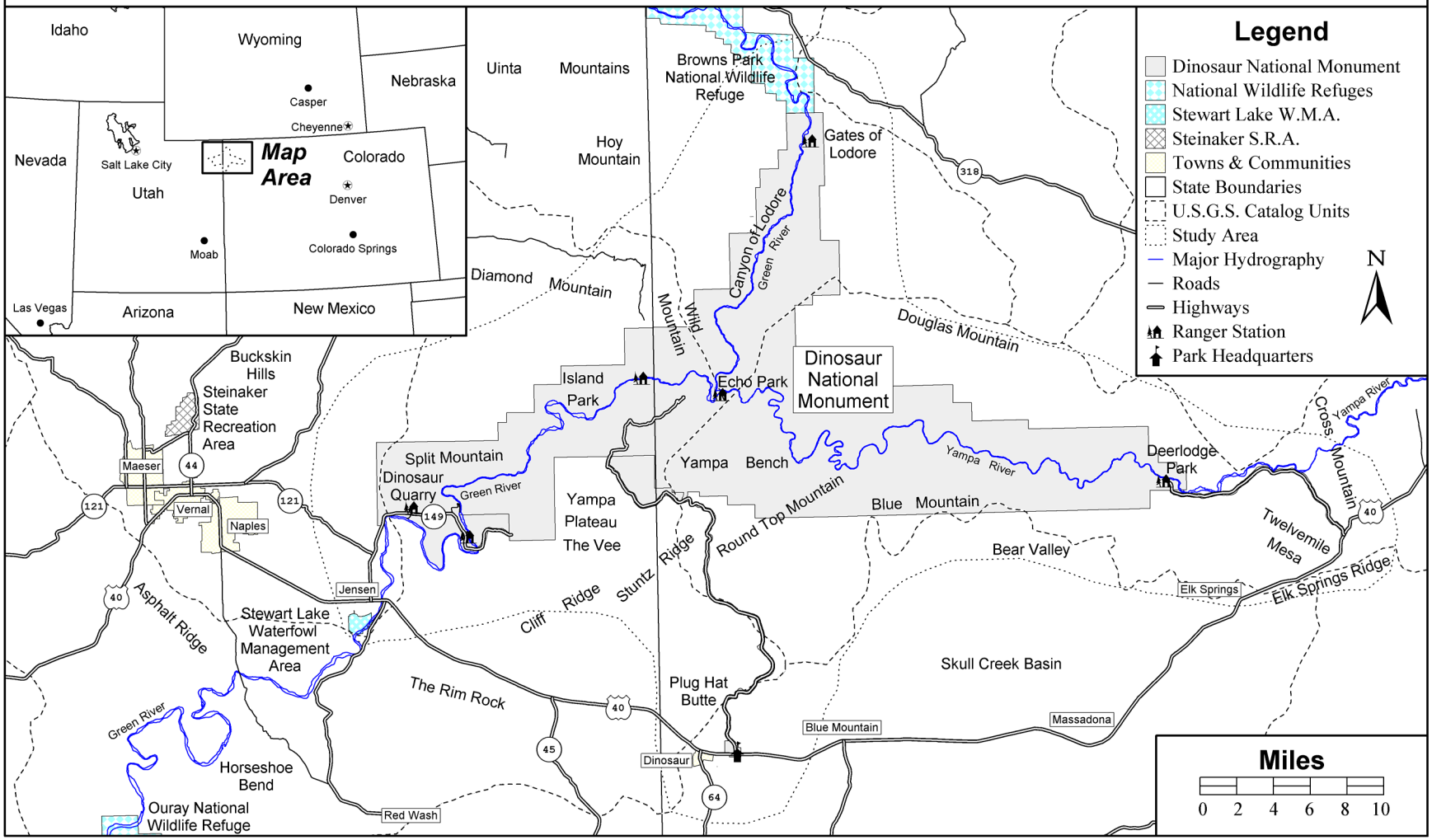
Seasonal Analysis Criteria:

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 22 years and observations in at least 4 of the 22 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.

Dinosaur National Monument

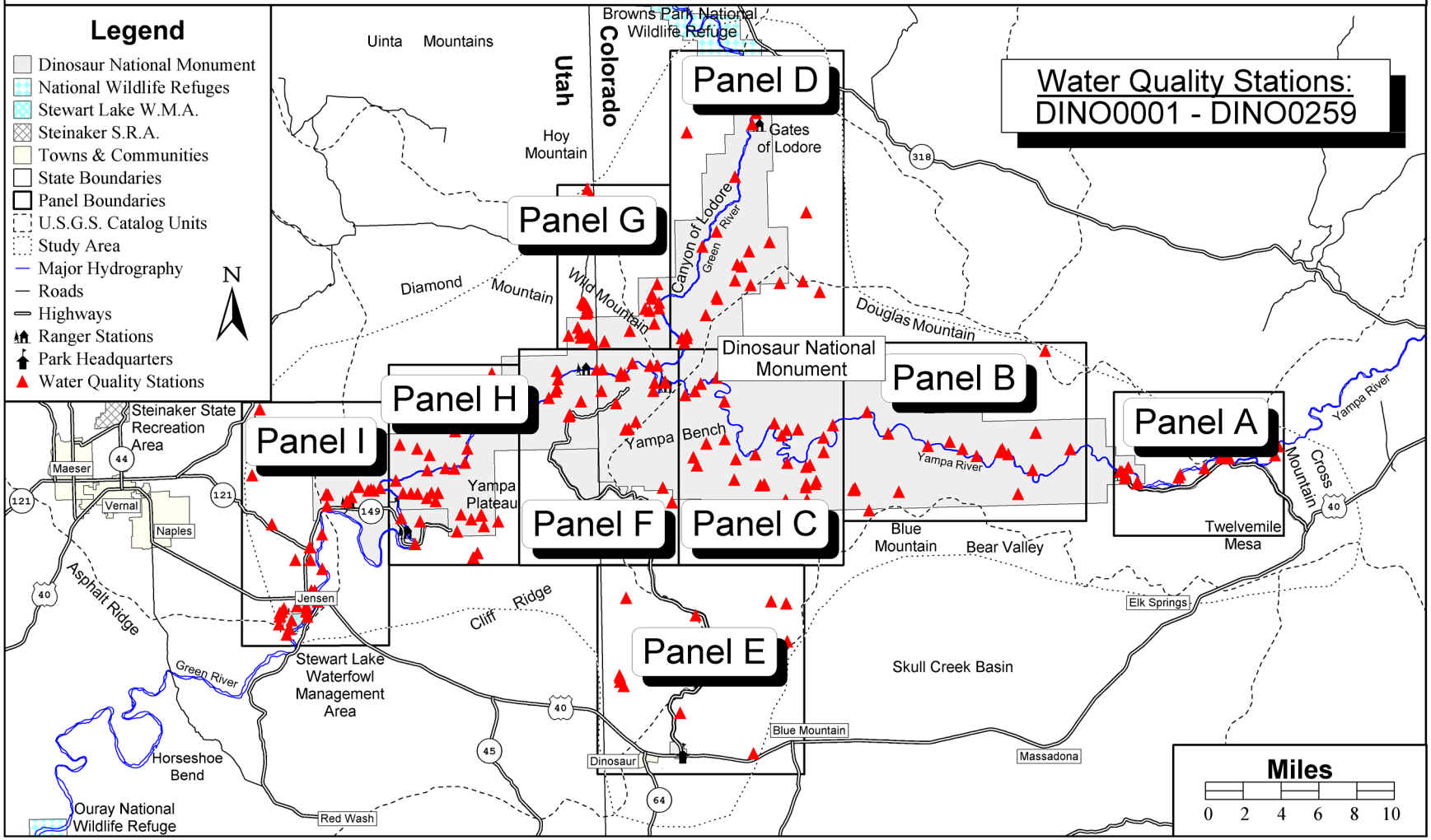
Regional Location Map



Dinosaur National Monument

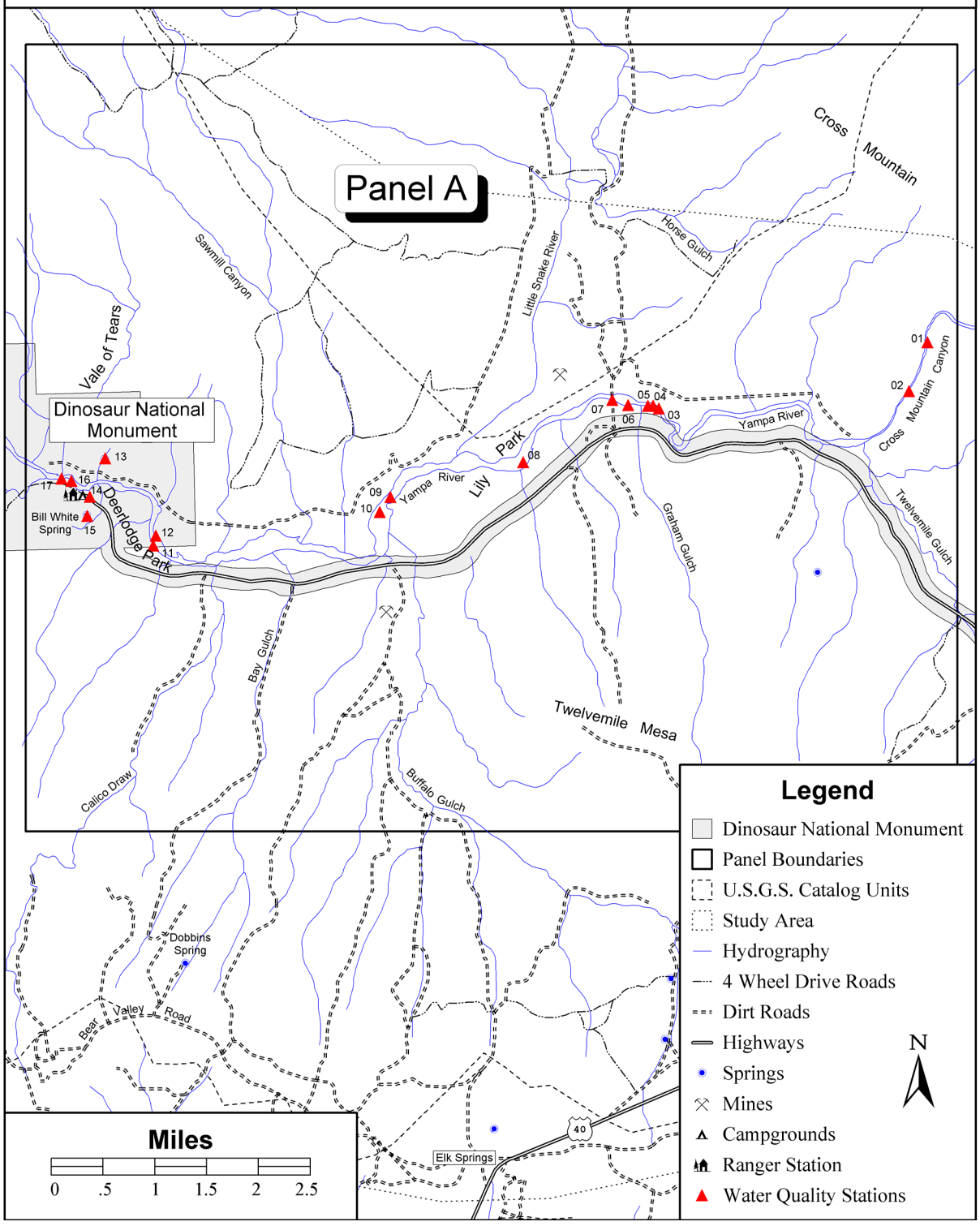
Water Quality Monitoring Locations

Graphic Panel Index



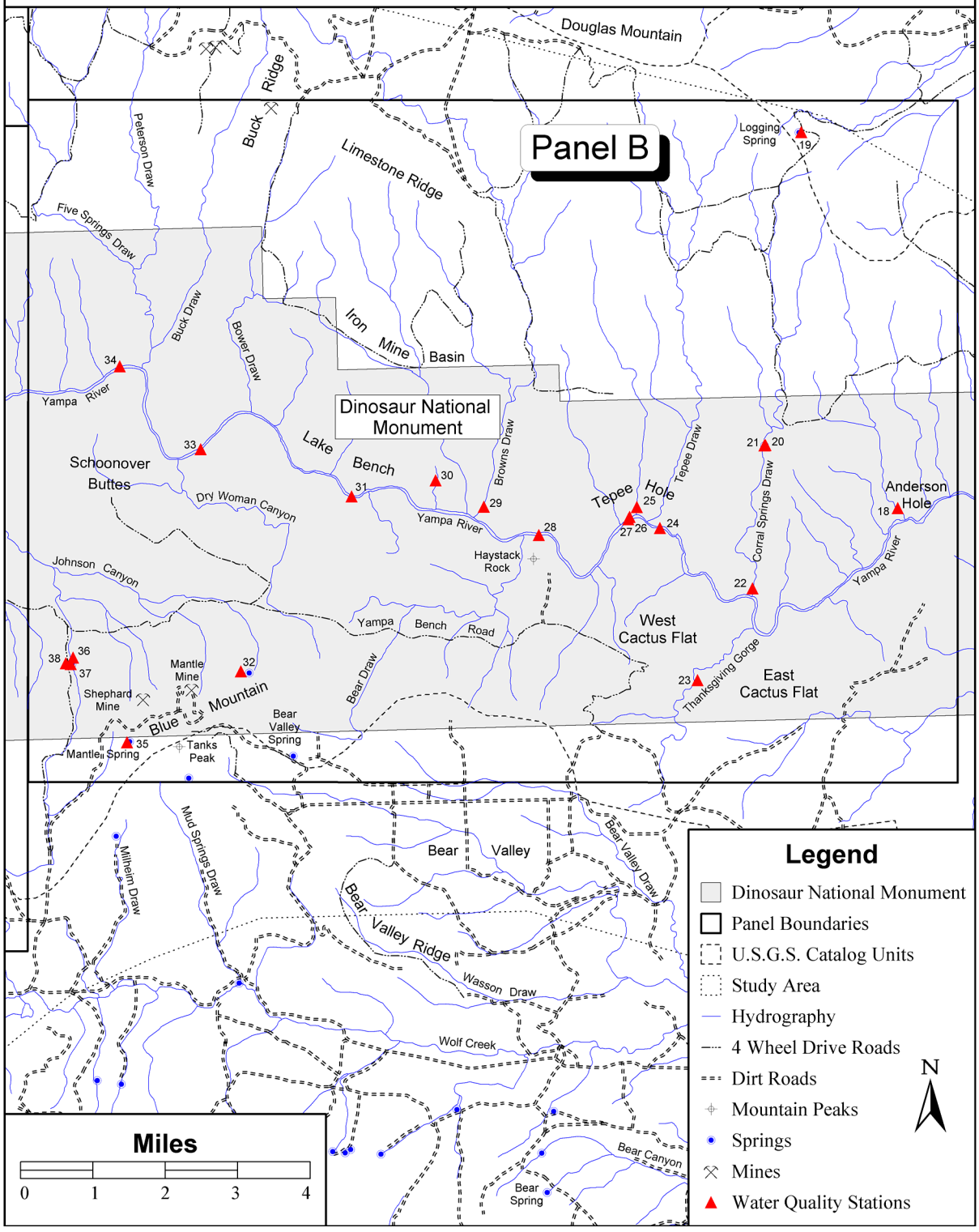
Dinosaur National Monument

Water Quality Monitoring Locations



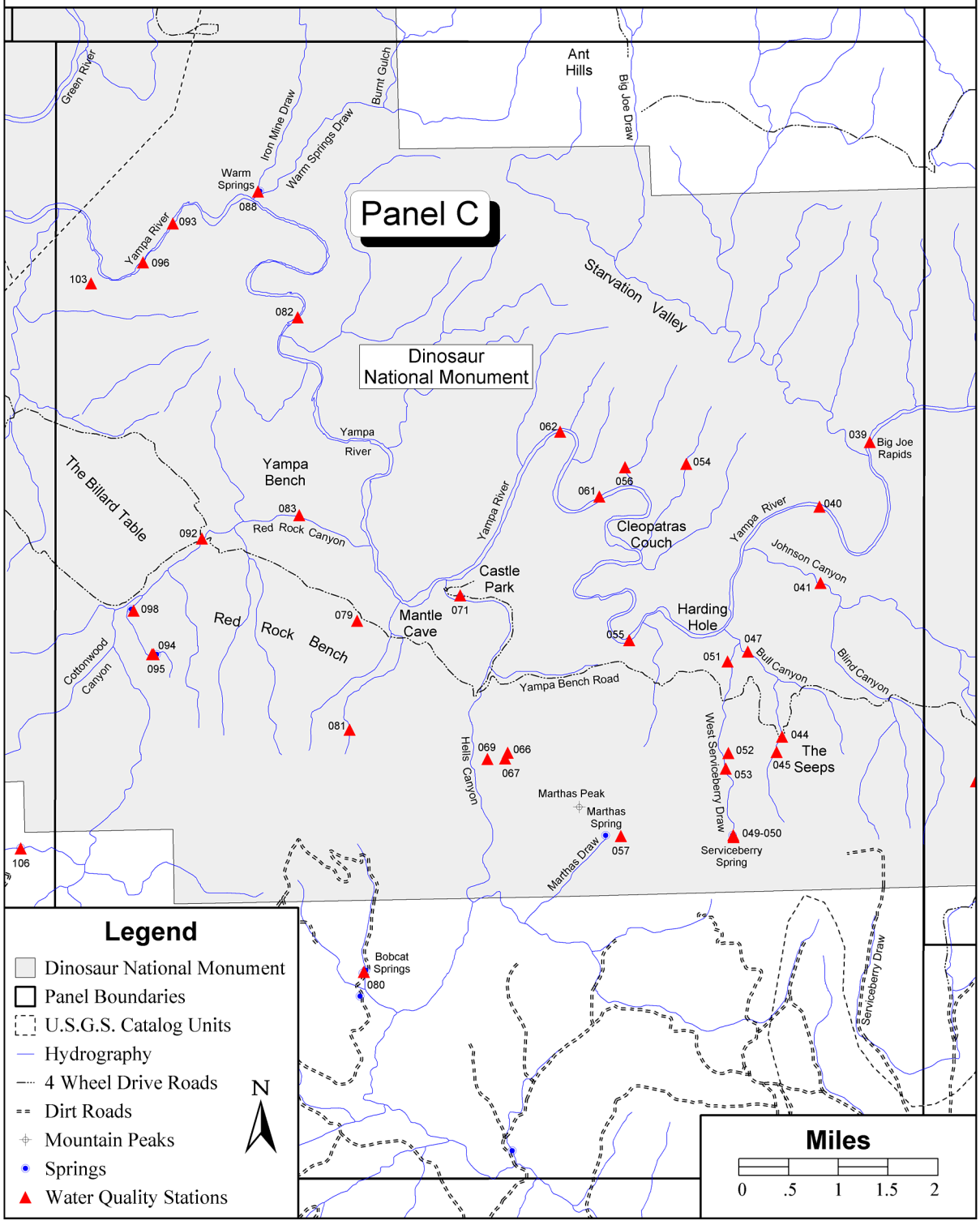
Dinosaur National Monument

Water Quality Monitoring Locations



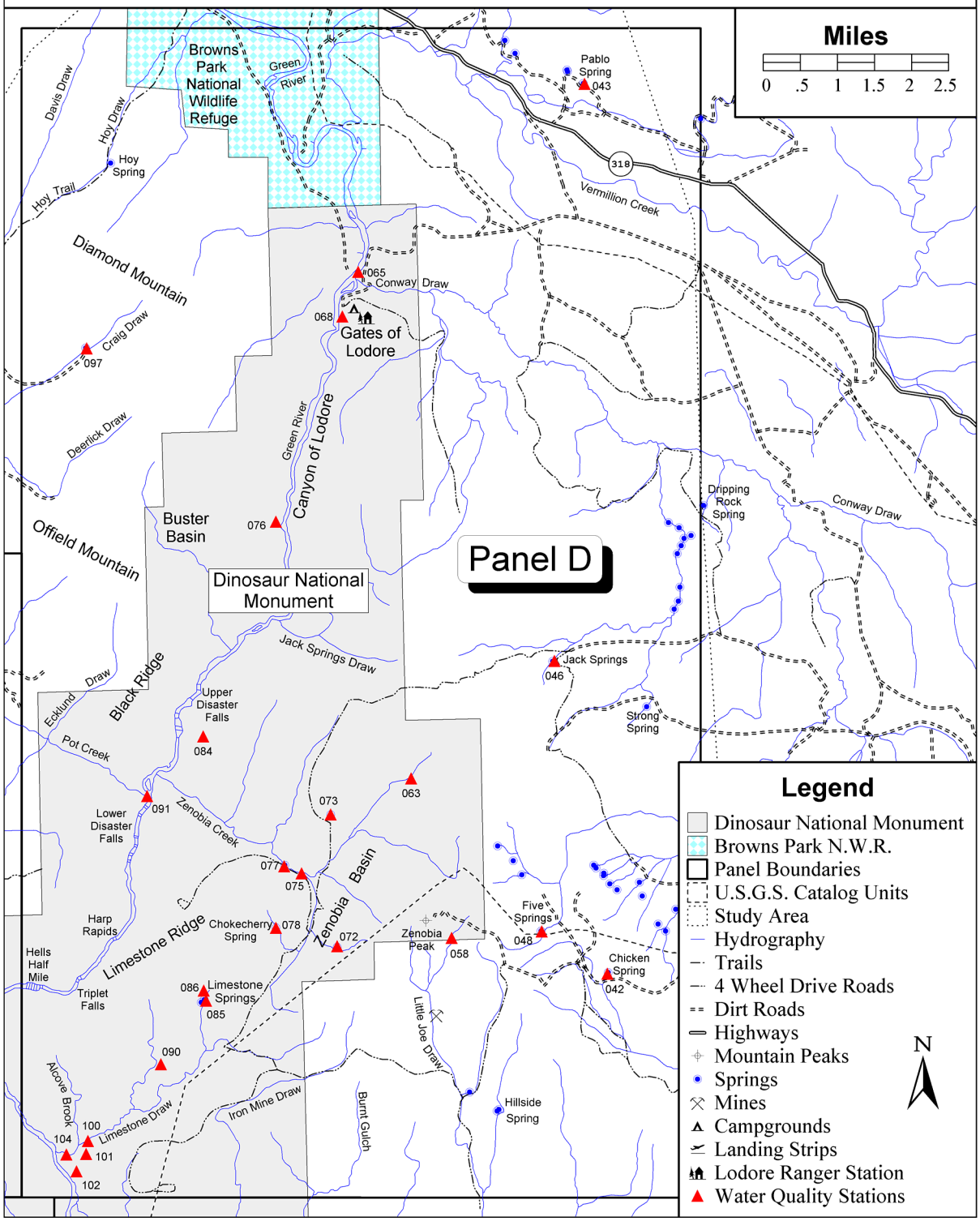
Dinosaur National Monument

Water Quality Monitoring Locations



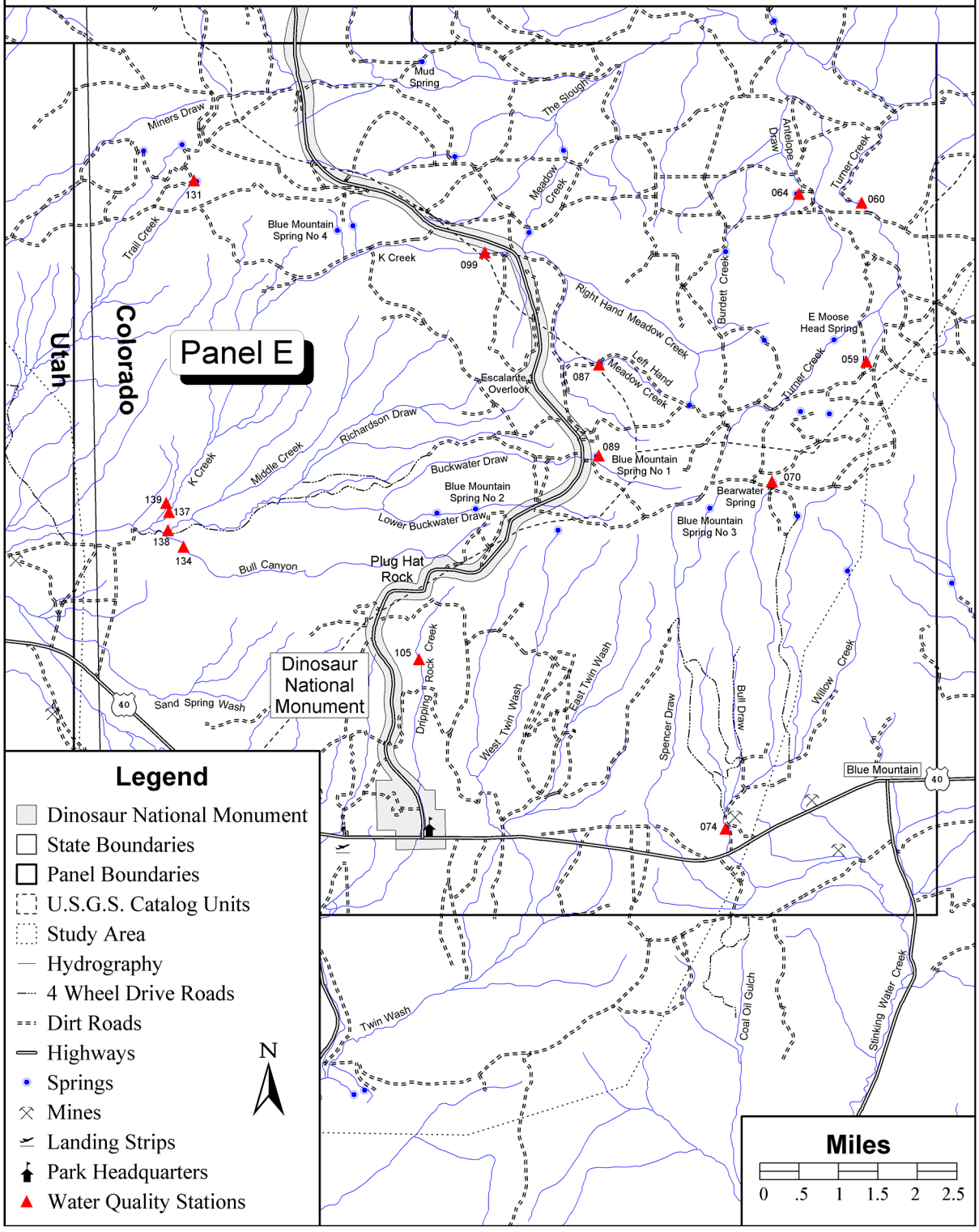
Dinosaur National Monument

Water Quality Monitoring Locations



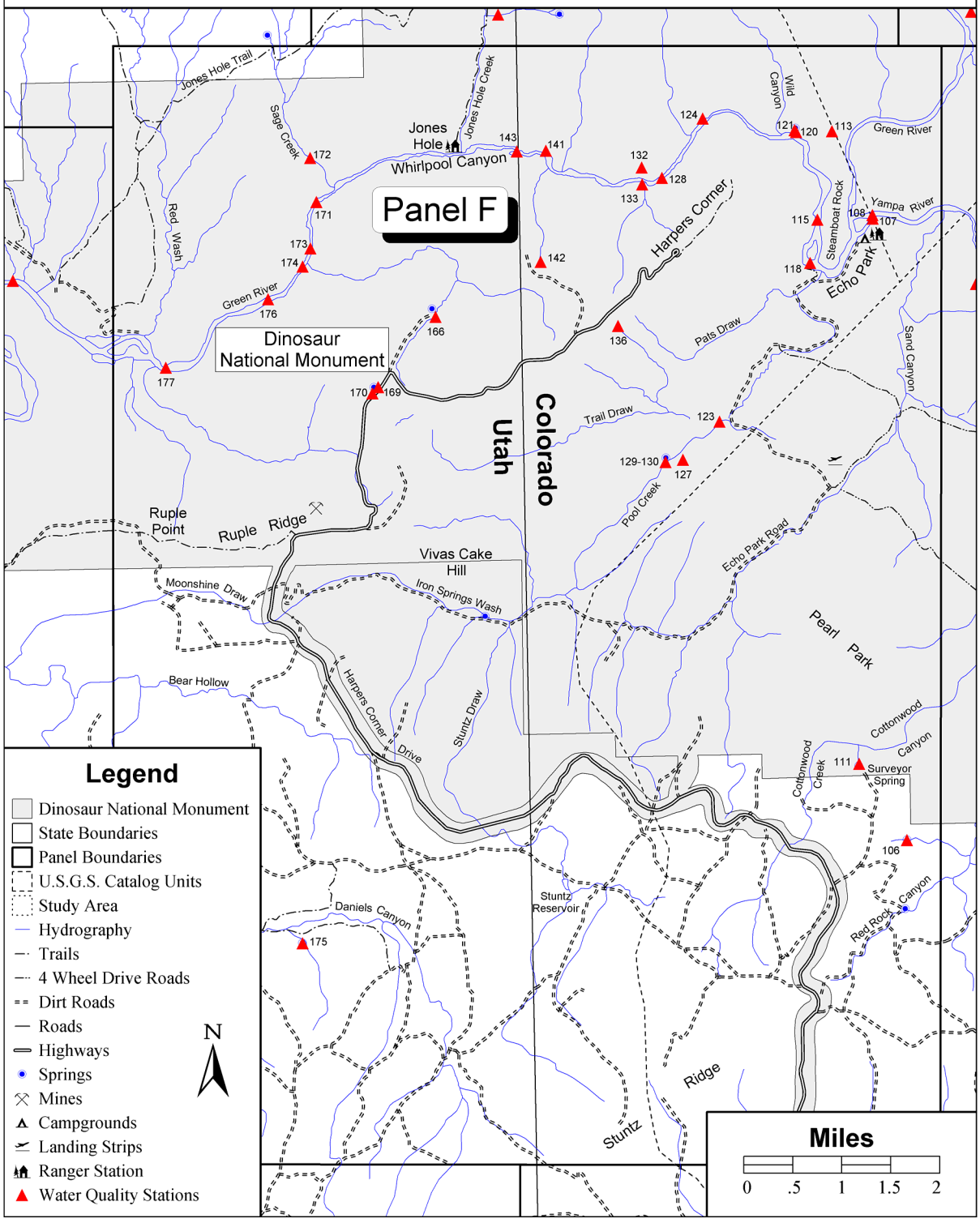
Dinosaur National Monument

Water Quality Monitoring Locations



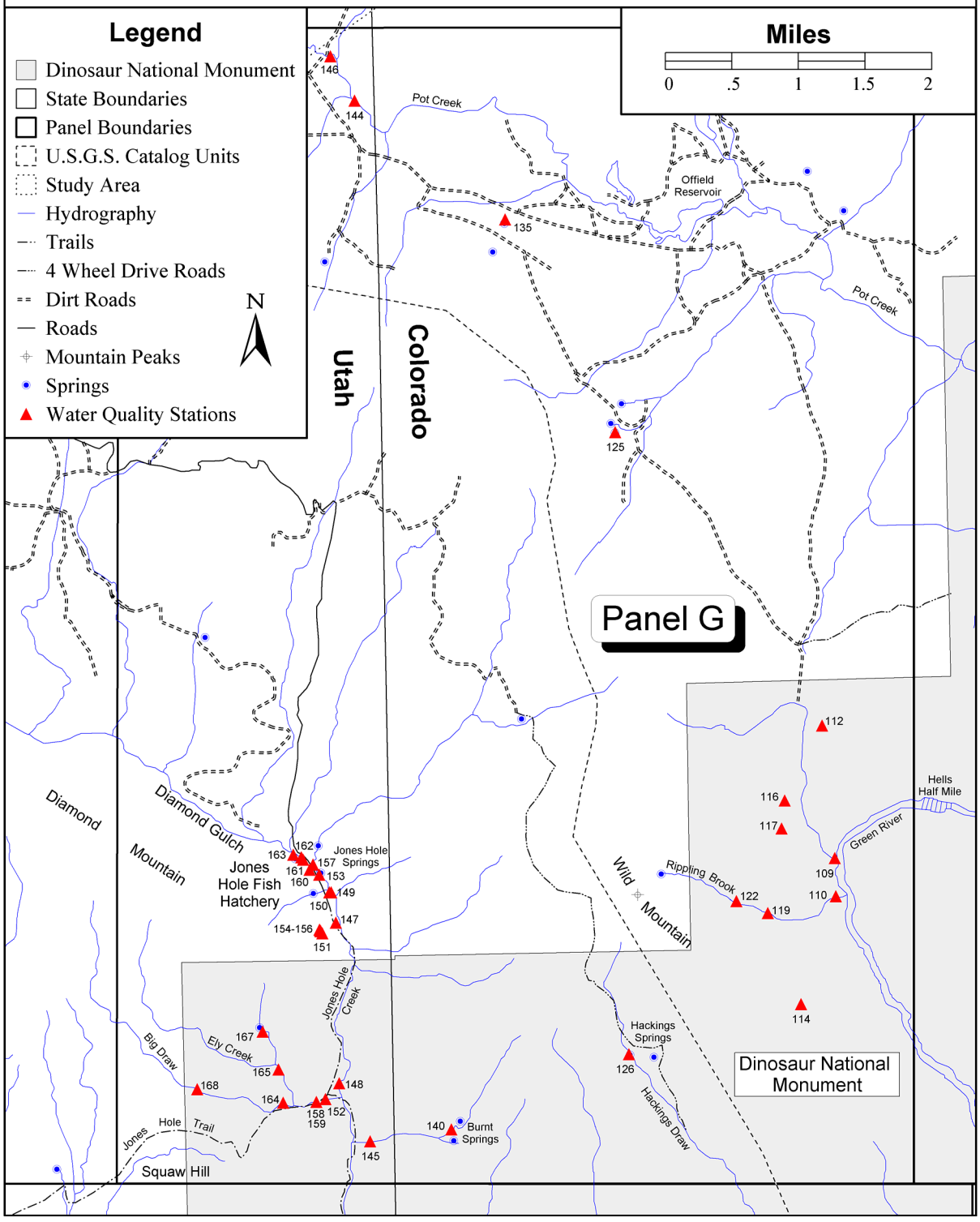
Dinosaur National Monument

Water Quality Monitoring Locations



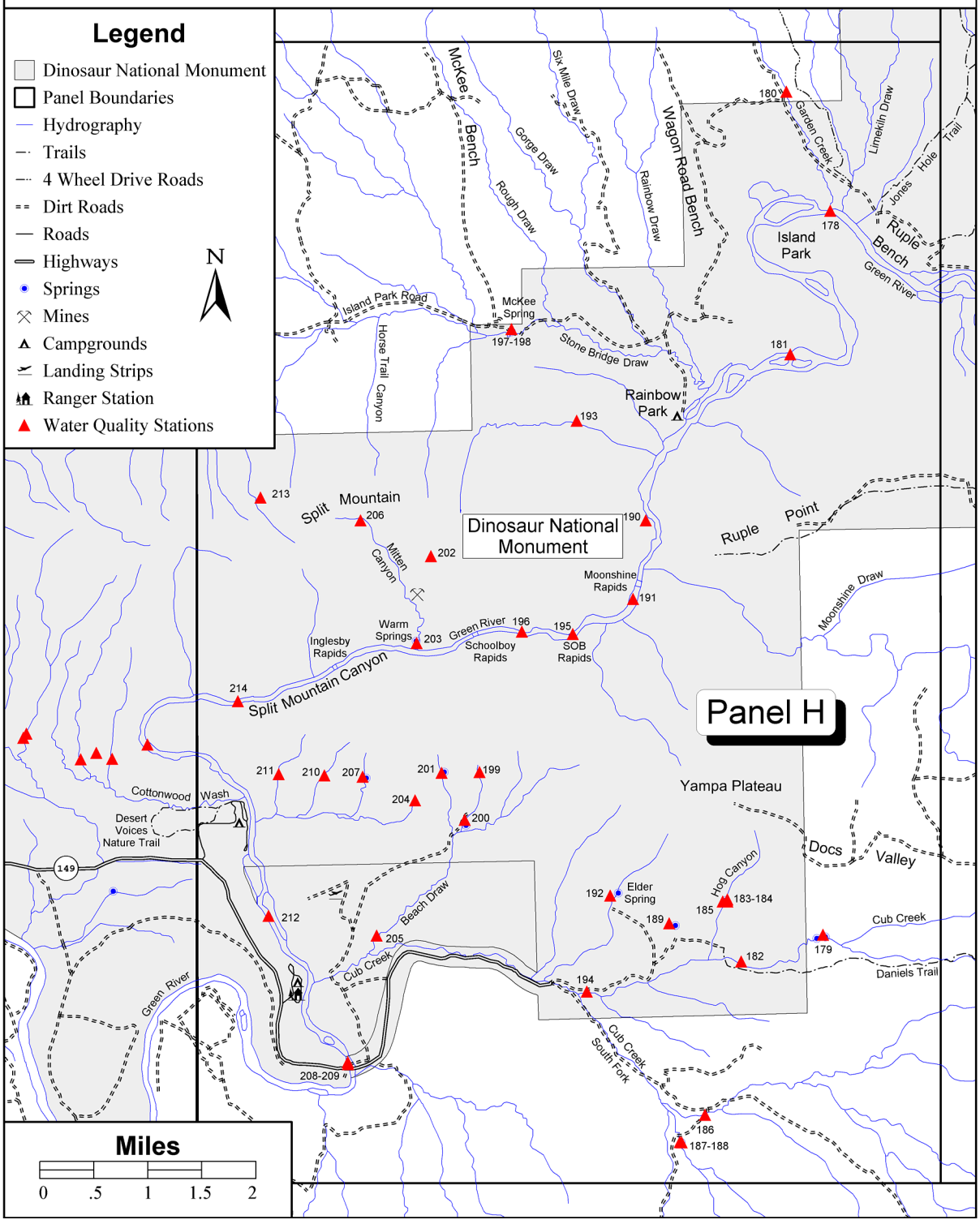
Dinosaur National Monument

Water Quality Monitoring Locations



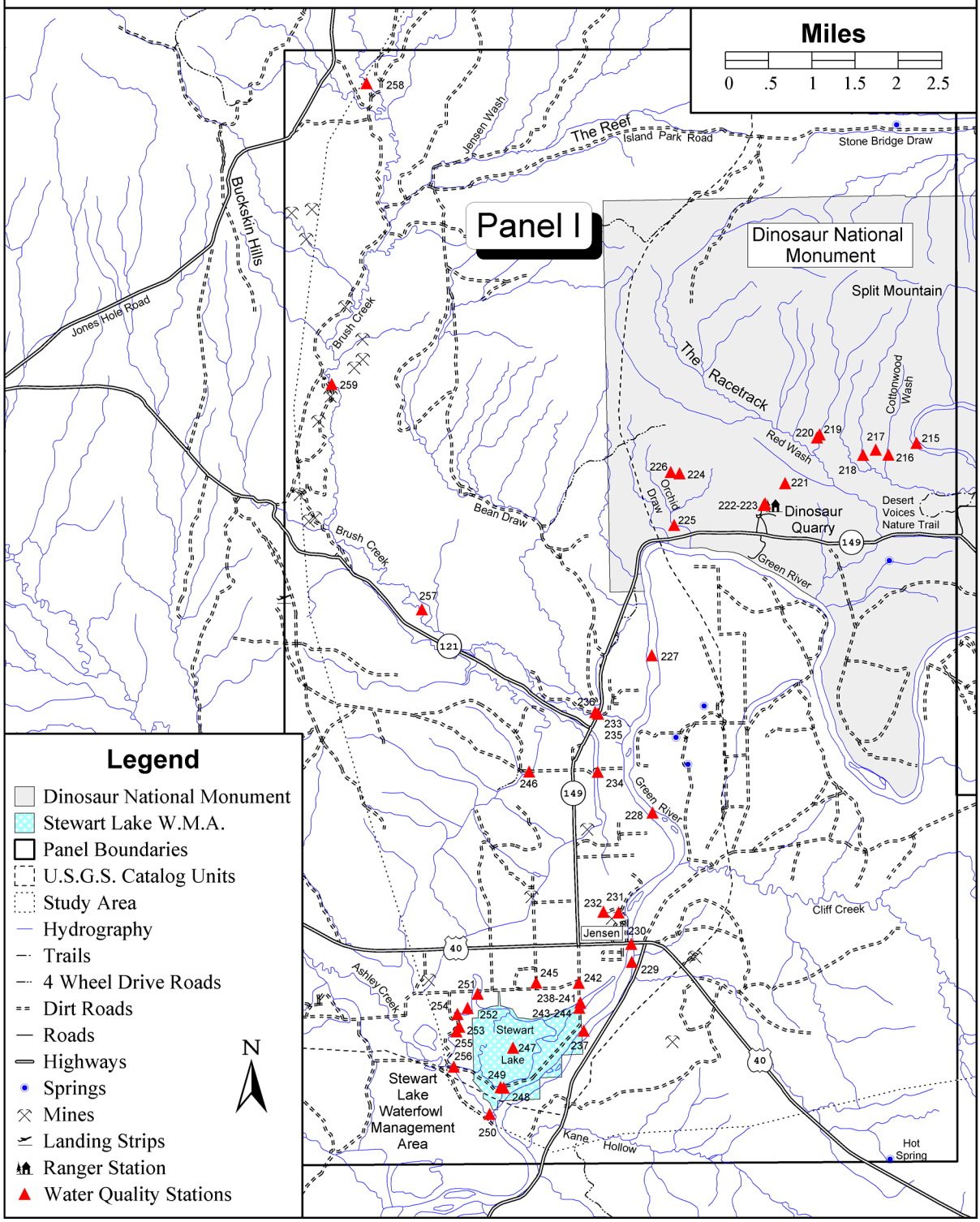
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Water Quality Monitoring Locations



Dinosaur National Monument

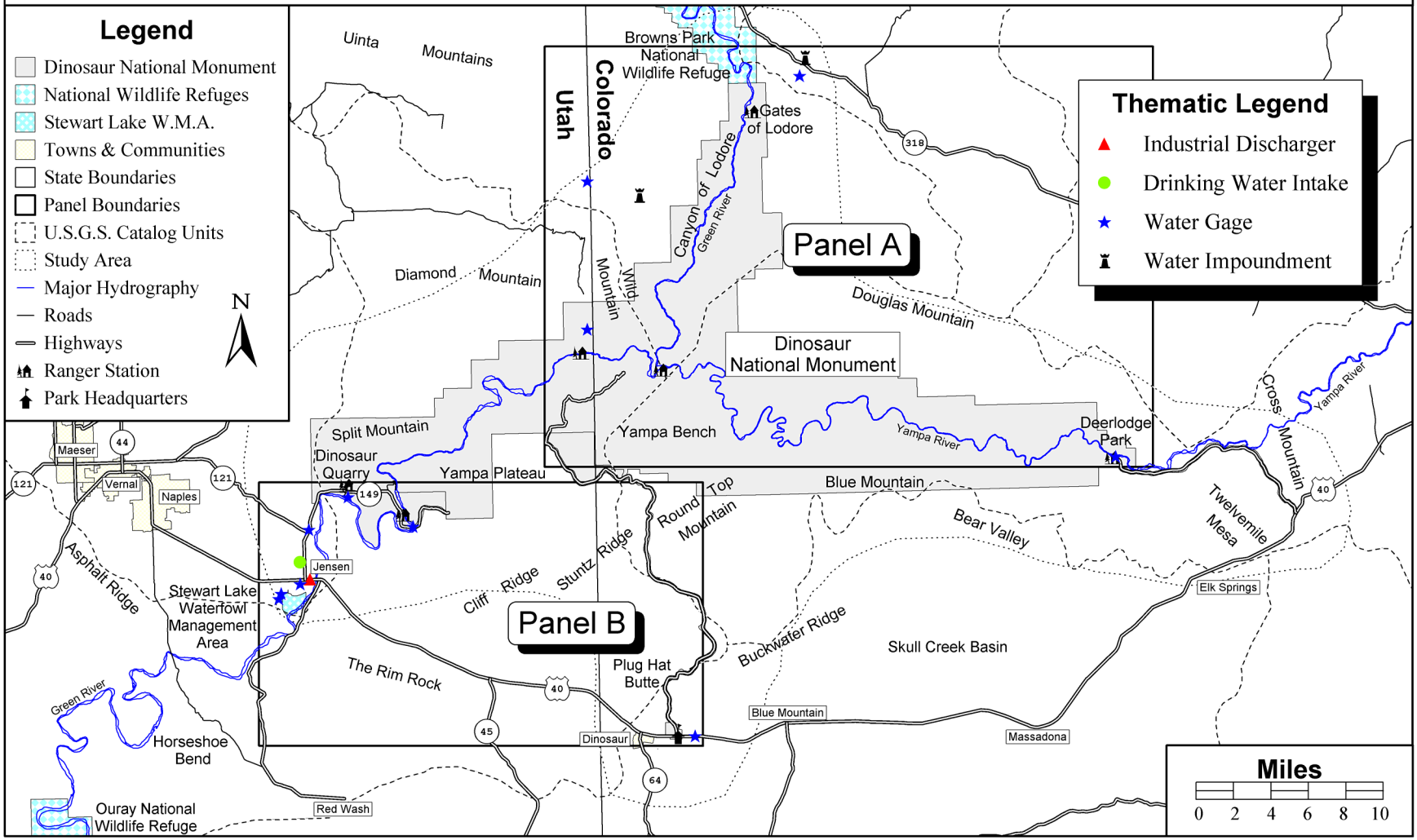
Water Quality Monitoring Locations



Dinosaur National Monument

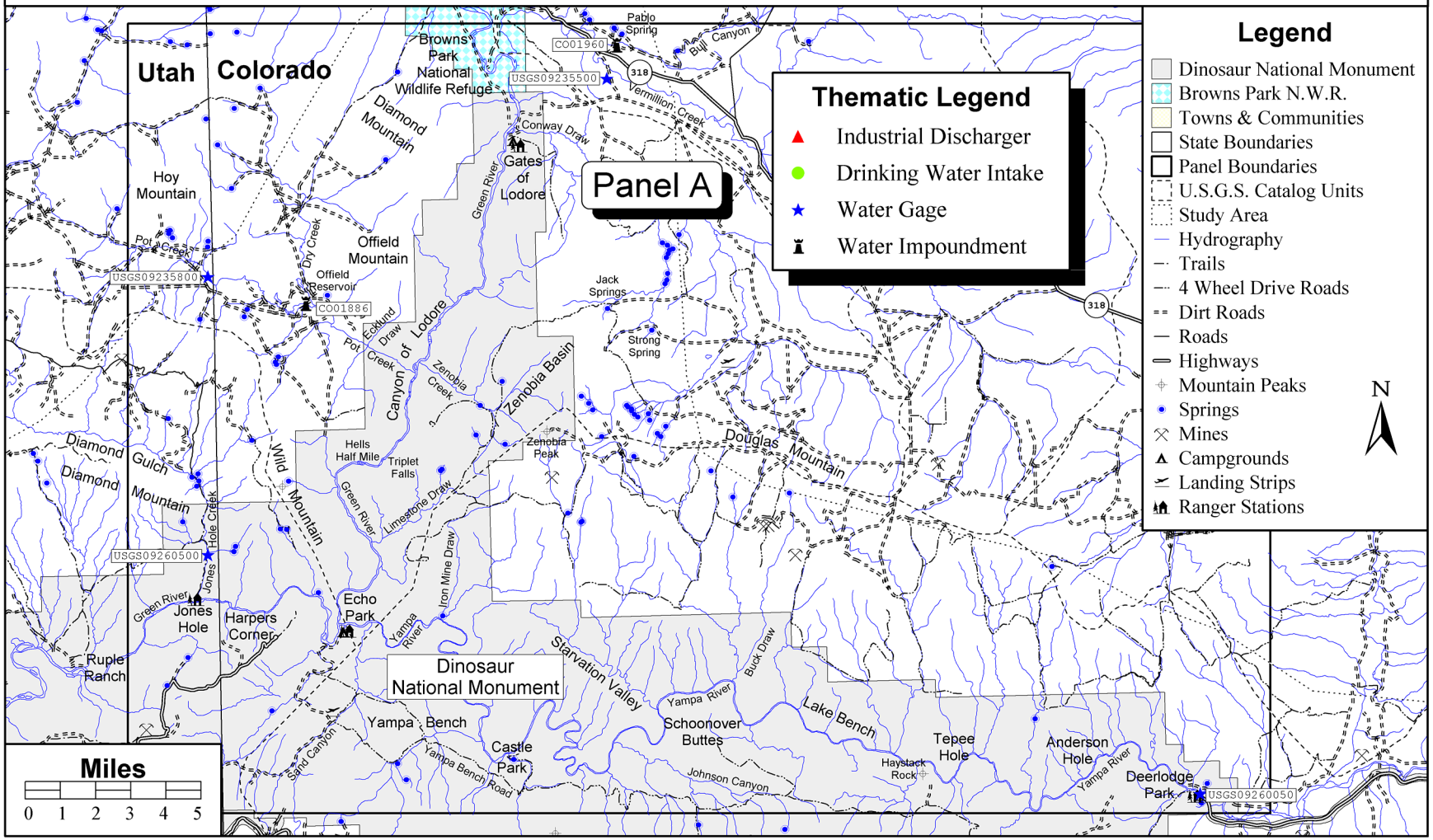
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



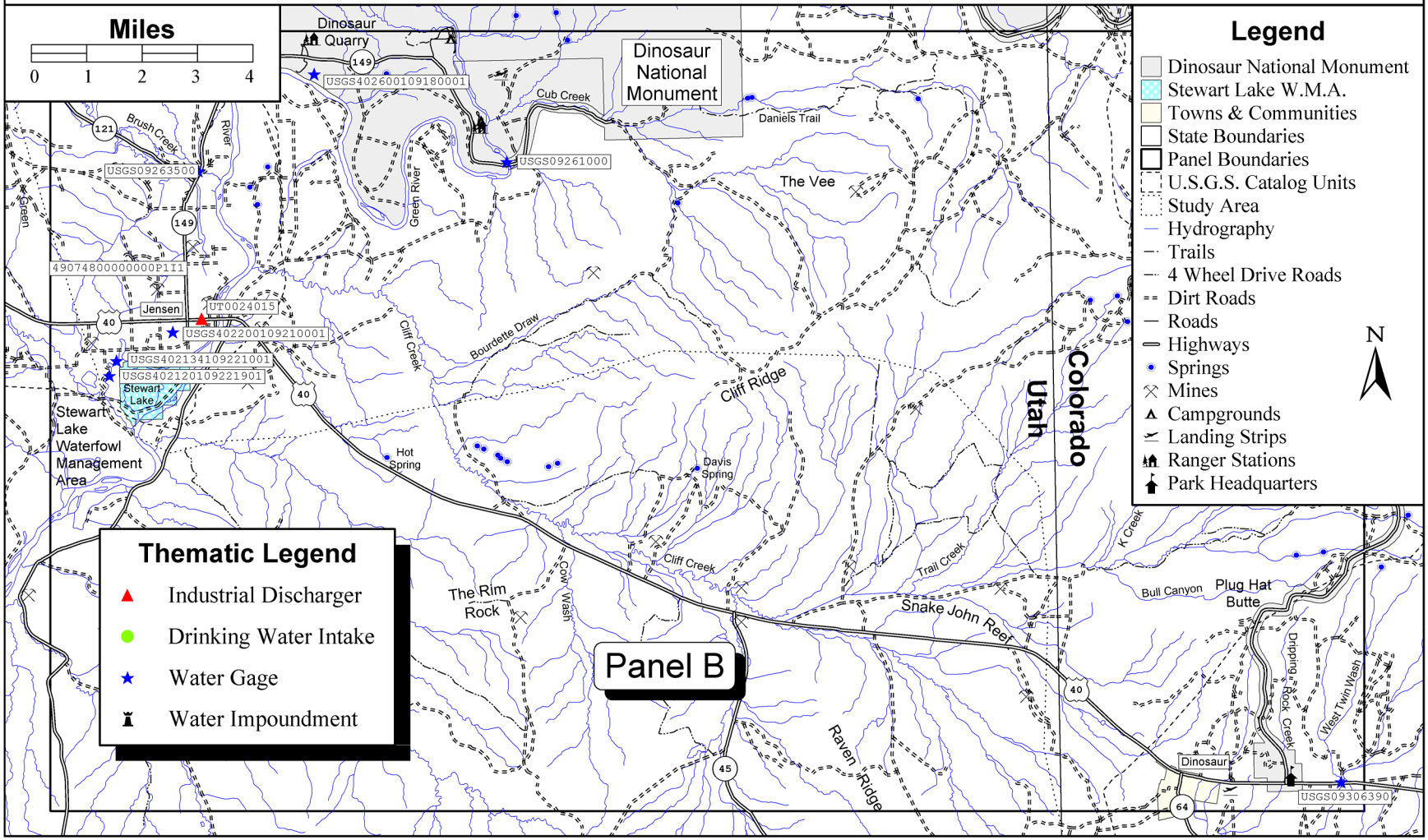
Dinosaur National Monument

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Dinosaur National Monument

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
UT0024015	INTERMOUNTAIN CONCRETE	625 EAST MAIN STREET	JENSEN	GREEN RIVER

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
49074800000000P1I1	GREEN RIVER	BONANZA	160	

Water Gages

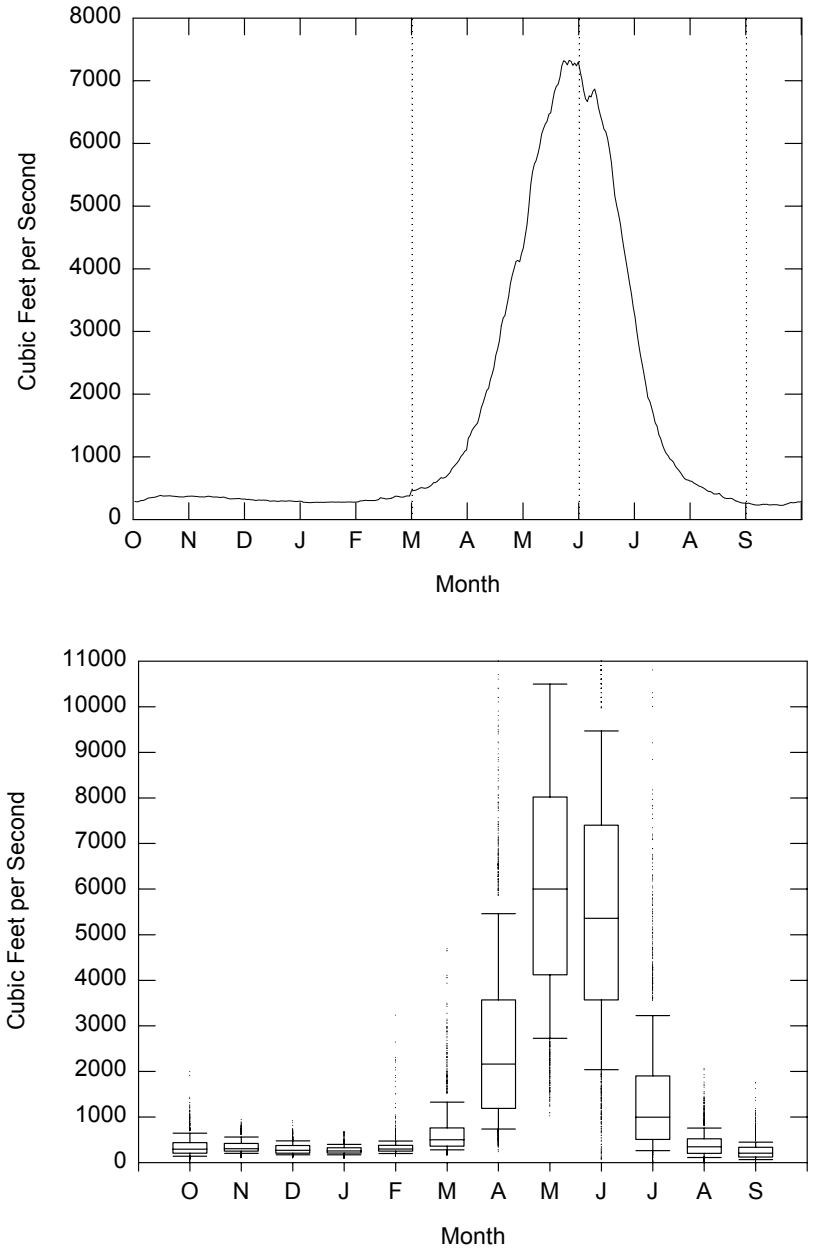
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS09235500	VERMILION C NR LADOR	Stream	1700.00		
USGS09235800	POT CREEK NEAR VERNAL, UTAH	Stream	107.00	1957	1982
USGS09261000	GREEN RIVER NEAR JENSEN, UTAH	Stream	29660.0	1947	2001
USGS09306390	WEST TWIN WASH NEAR DINOSAUR, COLO.	Stream	4.22		
USGS09260050	YAMPA RIVER AT DEERLODGE PARK, CO.	Stream	7660.00	1982	1993
USGS09260500	JONES HOLE CR NR JENSEN UTAH	Stream	120.00	1951	1961
USGS09263500	BRUSH CREEK NEAR JENSEN, UTAH	Stream	255.00	1939	1965
USGS402120109221901	STEWART LAKE INFLOW J-4	Stream		1991	1992
USGS402134109221001	J3 DRAIN TO STEWART LAKE	Stream		1991	1992
USGS402200109210001	JENSEN, UTAH	Climate			
USGS402600109180001	DINOSAUR QUARRY AREA, UTAH	Climate			

Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
CO01886	OFFIELD	3-J RANCH	Farm	Earth	Low	1914
CO01960	BASSET #2	GEORGE AND GEORGIA RAFTO	Rec.	Earth	Low	1976

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

DINOSAUR NATIONAL MONUMENT
Yampa River at Maybell, CO
09251000, 71 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 Dinosaur National Monument are: Sep. 1 to Feb. 28, Mar. 1 to May 31, and Jun. 1 to Aug. 31.

CONTACTS FOR AGENCY CODES RETRIEVED FOR DINO

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	
21UTAH	DENTON, RICHARD	DEPT ENF QUALITY	(801)538-6146	
21UTWR	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
21COL001	ANDERSON, DENNIS	COLORADO DEPT OF HEALTH	(303)692-3571	
11BSF&W	FLETCHER, ROBIN	USEPA REGION 1	(617)565-3363	

QUANTITY OF DATA RETRIEVED FOR DINO 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	09/14/77-08/06/98	09/19/77-08/06/98	188	143	0	0	0	0	3570	3270	62	62
112WRD	US GEOLOGICAL SURVEY	06/16/47-03/20/97	06/16/47-03/20/97	46	22	5	1	0	0	16235	13722	243	147
21UTAH	DEPT ENF QUALITY	02/04/75-12/16/99	02/24/76-12/15/99	19	2	12	1	1	0	29710	12297	157	150
21UTWR	USEPA HQ	09/28/71-09/28/71	No Data in Park	1	0	0	0	0	0	66	0	22	0
21COL001	COLORADO DEPT OF HEALTH	03/27/68-04/21/92	03/27/68-04/21/92	1	1	1	1	0	0	3758	3758	64	64
11BSF&W	USEPA REGION 1	05/19/71-04/13/72	No Data in Park	4	0	0	0	0	0	701	0	15	0
Totals		06/16/47-12/16/99	06/16/47-12/15/99	259	168	18	3	1	0	54040	33047	410	303

[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 06/16/47 To 12/16/99

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75
DINO0001	YAMPA RIVER MILE 56.1	No	5	0	5	0
DINO0002	YAMPA RIVER MILE 55.6	No	5	0	5	0
DINO0003	YAMPA RIVER MILE 53.1	No	6	0	6	0
DINO0004	YAMPA RIVER; 55.1 RM ABOVE YAMPA'S MOUTH	No	28	0	28	0
DINO0005	YAMPA RIVER MILE 53.0	No	16	0	16	0
DINO0006	YAMPA RIVER MILE 52.8	No	5	0	5	0
DINO0007	YAMPA RIVER ABV. LITTLE SNAKE R. NR. MAYBELL, CO	No	20	20	0	0
DINO0008	YAMPA RIVER AT LILY, COLO.	No	15	0	0	15
DINO0009	YAMPA RIVER MILE 50.0	No	23	0	23	0
DINO0010	YAMPA RIVER MILE 49.8	No	6	0	6	0
DINO0011	YAMPA RIVER MILE 47.0	Yes	6	0	6	0
DINO0012[1]	YAMPA BELOW LITTLE SNAKE RIVER	Yes	3758	864	1754	1140
DINO0013	C00184	Yes	1	0	1	0
DINO0014	C00181	Yes	3	0	3	0
DINO0015	C00180	Yes	3	0	3	0
DINO0016	YAMPA RIVER AT DEERLODGE PARK, CO.	Yes	1067	531	536	0
DINO0017	YAMPA RIVER AT DEERLODGE PARK	Yes	30	0	30	0
DINO0018	ANDERSON SEEP	Yes	24	24	0	0
DINO0019	C00232	No	4	0	4	0
DINO0020	CORRAL SPRING	Yes	24	24	0	0
DINO0021	C00188	Yes	4	0	4	0
DINO0022	LOWER CORRAL SPRING	Yes	23	23	0	0
DINO0023	UPPER THANKSGIVING SPRING	Yes	32	32	0	0
DINO0024	YAMPA RIVER MILE 36.5	Yes	5	0	5	0
DINO0025	TEE-PEE SEEP	Yes	23	23	0	0
DINO0026	YAMPA R AT RIVER MILE 36 IN DINOSAUR NAT MON, CO	Yes	13	0	13	0
DINO0027	YAMPA RIVER; 37.6 RM ABOVE YAMPA'S MOUTH	Yes	21	0	21	0
DINO0028	YAMPA RIVER MILE 34.0	Yes	6	0	6	0
DINO0029	BROWNS SEEP	Yes	23	23	0	0
DINO0030	LAKE SPRING	Yes	24	24	0	0
DINO0031	YAMPA RIVER MILE 31.1	Yes	6	0	6	0
DINO0032	ELK SPRING	Yes	32	32	0	0
DINO0033	YAMPA RIVER; 20.3 RM ABOVE YAMPA'S MOUTH	Yes	28	0	28	0
DINO0034	YAMPA R AT RIVER MILE 26 IN DINOSAUR NAT MON, CO	Yes	13	0	13	0
DINO0035	C00252	No	4	0	4	0
DINO0036	JOHNSON DRAW SPRING	Yes	32	32	0	0
DINO0037	C00553	Yes	4	0	4	0
DINO0038	SMELLY SPRING	Yes	32	32	0	0
DINO0039	YAMPA RIVER MILE 24.0	Yes	12	0	12	0
DINO0040	YAMPA RIVER MILE 22.0	Yes	6	0	6	0
DINO0041	JOHNSON SEEP	Yes	24	24	0	0
DINO0042	C00245	No	4	0	4	0
DINO0043	C00453	No	4	0	4	0
DINO0044	THE SEEPS	Yes	31	31	0	0
DINO0045	EAST SERVICEBERRY DRAW SPRING	Yes	32	32	0	0
DINO0046	C00374	No	3	0	3	0
DINO0047	BULL SPRING	Yes	24	24	0	0
DINO0048	C00244	No	4	0	4	0
DINO0049	C00557	Yes	3	0	3	0
DINO0050	SERVICEBERRY SPRING	Yes	32	32	0	0
DINO0051	LOWER SERVICEBERRY SPRING	Yes	23	23	0	0
DINO0052	WEST SERVICEBERRY SEEP	Yes	31	31	0	0
DINO0053	WEST SERVICEBERRY SPRING	Yes	31	31	0	0
DINO0054	CLEOPATRAS SPRING	Yes	23	23	0	0
DINO0055	YAMPA RIVER MILE 19.0	Yes	6	0	6	0
DINO0056	PATRIOT FALLS	Yes	23	23	0	0
DINO0057	MARTHAS SPRING	Yes	32	32	0	0
DINO0058	UPPER LIL' JOE SPRING	Yes	32	32	0	0
DINO0059	C00326	No	3	0	3	0
DINO0060	C00327	No	4	0	4	0
DINO0061	YAMPA R AT RIVER MILE 15 IN DINOSAUR NAT MON, CO	Yes	13	0	13	0
DINO0062	YAMPA RIVER MILE 13.6	Yes	6	0	6	0
DINO0063	BASSETT 2 SPRING	Yes	32	32	0	0
DINO0064	C00543	No	4	0	4	0
DINO0065	GREEN RIVER; 72.8 KM BELOW DAM	Yes	28	0	28	0
DINO0066	RAT SPRING 1	Yes	56	56	0	0
DINO0067	RAT SPRING 2	Yes	56	56	0	0
DINO0068	GREEN RIVER AT GATES OF LODORE	Yes	30	0	30	0
DINO0069	GREEN PATCH SPRING	Yes	56	56	0	0
DINO0070	C00546	No	4	0	4	0
DINO0071	MANTLE SPRING	Yes	31	31	0	0

Station Period of Record Tabulation
From 06/16/47 To 12/16/99

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75
DINO0072	BUFFAM SPRING	Yes	32	32	0	0
DINO0073	BASSETT 1 SPRING	Yes	32	32	0	0
DINO0074	C00222	No	4	0	4	0
DINO0075	ZENOBIA CREEK SPRING	Yes	32	32	0	0
DINO0076	WINNIES GROTTO	Yes	32	32	0	0
DINO0077	C00238	Yes	4	0	4	0
DINO0078	CHOKECHERRY SPRING	Yes	32	32	0	0
DINO0079	TAMARISK SEEP	Yes	55	55	0	0
DINO0080	C00610	No	4	0	4	0
DINO0081	SOB SPRING	Yes	32	32	0	0
DINO0082	YAMPA RIVER MILE 7.0	Yes	12	0	12	0
DINO0083	RED ROCK COTTONTAIL SEEP	Yes	32	32	0	0
DINO0084	LOWER DISASTER SEEP	Yes	30	30	0	0
DINO0085	LIMESTONE SPRING EAST	Yes	32	32	0	0
DINO0086	LIMESTONE SPRING WEST	Yes	32	32	0	0
DINO0087	C00540	No	1	0	1	0
DINO0088	WARM SPRINGS	Yes	23	23	0	0
DINO0089	S(B- 4-103)14CCA-S1	No	29	0	0	29
DINO0090	ZENOBIA CREEK OUTLET	Yes	31	31	0	0
DINO0091	POT CREEK SEEP	Yes	31	31	0	0
DINO0092	RED ROCK SEEP	Yes	31	31	0	0
DINO0093	YAMPA RIVER MILE 3.0	Yes	6	0	6	0
DINO0094	TOM'S SPRING 1	Yes	32	32	0	0
DINO0095	TOM'S SPRING 2	Yes	32	32	0	0
DINO0096	YAMPA RIVER; 2.3 RM ABOVE YAMPA'S MOUTH	Yes	27	0	27	0
DINO0097	C00366	No	3	0	3	0
DINO0098	C00605	Yes	4	0	4	0
DINO0099	C00541	No	3	0	3	0
DINO0100	LIMESTONE SPRING	Yes	52	52	0	0
DINO0101	SC00710315BDA-S1	Yes	47	0	47	0
DINO0102	DOWNSTREAM OF LIMESTONE CREEK (DSLC)	Yes	30	30	0	0
DINO0103	YAMPA RIVER BL BOX ELDER PARK NR DINOSAUR, CO.	Yes	204	0	204	0
DINO0104	LIMESTONE CREEK	Yes	31	31	0	0
DINO0105	S(B- 4-103)32ADB-S1	No	52	0	0	52
DINO0106	C00607	No	4	0	4	0
DINO0107	YAMPA R AB RIVER MILE 0 IN DINOSAUR NAT MON, CO	Yes	13	0	13	0
DINO0108	YAMPA RIVER NR JENSEN, UTAH	Yes	34	0	0	34
DINO0109	MASSEY SPRING	Yes	32	32	0	0
DINO0110	RIPPLING CREEK	Yes	55	55	0	0
DINO0111	C00606	Yes	4	0	4	0
DINO0112	UPPER MASSEY SPRING	Yes	24	24	0	0
DINO0113	WILD CANYON SPRING	Yes	56	56	0	0
DINO0114	OUTLAW SPRING	Yes	24	24	0	0
DINO0115	GREEN RIVER MILE 343.8	Yes	10	0	10	0
DINO0116	BACK SPRING	Yes	24	24	0	0
DINO0117	RAMS SPRING	Yes	24	24	0	0
DINO0118	GREEN RIVER MILE 344.3	Yes	18	0	18	0
DINO0119	MIDDLE RIPPLING SPRING	Yes	24	24	0	0
DINO0120	SC00710320DBC-S1	Yes	43	0	43	0
DINO0121	S(B- 7-103)20CAD-S1	Yes	20	0	0	20
DINO0122	RIPPLING SPRING	Yes	24	24	0	0
DINO0123	C01336	Yes	4	0	4	0
DINO0124	GREEN RIVER MILE 341.8	Yes	6	0	6	0
DINO0125	C01158	No	3	0	3	0
DINO0126	HACKINGS SPRING	Yes	24	24	0	0
DINO0127	POOL SPRING	Yes	31	31	0	0
DINO0128	GREEN RIVER; 112.2 KM BELOW DAM	Yes	28	0	28	0
DINO0129	POOL CREEK SPRING	Yes	31	31	0	0
DINO0130	S(B- 6-103) 7BBB-S1	Yes	23	0	0	23
DINO0131	S(B- 5-104)24DDD- 1	No	31	0	0	31
DINO0132	MILE 221 RIVER LEFT SPRING	Yes	31	31	0	0
DINO0133	MILE 221 RIVER RIGHT SPRING	Yes	31	31	0	0
DINO0134	C00806	No	4	0	4	0
DINO0135	C01159	No	4	0	4	0
DINO0136	HOGAN SPRING	Yes	31	31	0	0
DINO0137	C00809	No	4	0	4	0
DINO0138	C00807	No	4	0	4	0
DINO0139	C00808	No	4	0	4	0
DINO0140	BURNT SPRING	Yes	24	24	0	0
DINO0141	GREEN RIVER MILE 339.8	Yes	6	0	6	0
DINO0142	HARPER'S CORNER SPRING	Yes	31	31	0	0

Station Period of Record Tabulation
From 06/16/47 To 12/16/99

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75
DINO0143	GREEN R AT UT/CO BORDER	Yes	24	0	24	0
DINO0144	POT CREEK NEAR VERNAL, UTAH	No	211	0	151	60
DINO0145	C01477	Yes	3	0	3	0
DINO0146	POT CK NR STATELINE AND GAGING STATION	No	14	0	14	0
DINO0147	JONES HOLE CREEK SE OF HATCHERY	No	32	32	0	0
DINO0148	C01480	Yes	3	0	3	0
DINO0149	JONES HOLE CK BL FISH HATCHERY	No	20	0	20	0
DINO0150[1]	JONES HOLE FH	No	296	125	171	0
DINO0151	JONES HOLE NFH BISHOP CREEK	No	176	0	0	176
DINO0152	C01479	Yes	4	0	4	0
DINO0153	(D- 3-25) 1BDA-S1	No	51	0	0	51
DINO0154	JONES HOLE NFH BISHOP CREEK	No	175	0	0	175
DINO0155	JONES HOLE NFH BISHOP CREEK	No	175	0	0	175
DINO0156	JONES HOLE NFH BISHOP CREEK	No	175	0	0	175
DINO0157	(D-3-25)01 BDA-S1	No	46	0	46	0
DINO0158	ELY FALLS SEEP	Yes	31	31	0	0
DINO0159	ELY CREEK FALLS	Yes	56	56	0	0
DINO0160[1]	JONES HOLE SP AB JONES HOLE FH (INFLUENT)	No	288	30	258	0
DINO0161	(D- 3-25) 1BDB-S1	No	54	0	0	54
DINO0162	C01126	No	4	0	4	0
DINO0163	JONES HOLE CREEK ABOVE HATCHERY	No	31	31	0	0
DINO0164	BIG DRAW	Yes	32	32	0	0
DINO0165	ELY SPRING	Yes	32	32	0	0
DINO0166	SNOW RANCH SPRING	Yes	31	31	0	0
DINO0167	C01478	Yes	4	0	4	0
DINO0168	(D- 3-25)11DCC-S1	Yes	26	0	0	26
DINO0169	C01198	Yes	3	0	3	0
DINO0170	VALLEY VIEW SPRING	Yes	32	32	0	0
DINO0171	GREEN RIVER MILE 337.3	Yes	6	0	6	0
DINO0172	(D- 3-25)22DDA-S1	Yes	20	0	0	20
DINO0173	GREEN RIVER MILE 336.8	Yes	5	0	5	0
DINO0174	GREEN RIVER MILE 336.6	Yes	6	0	6	0
DINO0175	C01194	No	4	0	4	0
DINO0176	GREEN RIVER MILE 336.1	Yes	5	0	5	0
DINO0177	GREEN RIVER MILE 334.7	Yes	6	0	6	0
DINO0178	GREEN RIVER MILE 332.8	Yes	6	0	6	0
DINO0179	(D- 4-25)31CCA-S1	No	24	0	0	24
DINO0180	(D- 3-25)19CDD-S1	No	26	0	0	26
DINO0181	GREEN RIVER MILE 329.8	Yes	5	0	5	0
DINO0182	C01188	Yes	4	0	4	0
DINO0183	C01187	Yes	4	0	4	0
DINO0184	(D- 4-24)36BDC-S1	Yes	49	0	0	49
DINO0185	HOG CANYON SPRING	Yes	24	24	0	0
DINO0186	C01193	No	4	0	4	0
DINO0187	(D- 5-24)11DAC-S1	No	31	0	0	31
DINO0188	C01192	No	4	0	4	0
DINO0189	BOX ELDER SPRING	Yes	32	32	0	0
DINO0190	GREEN RIVER MILE 327.8	Yes	5	0	5	0
DINO0191	GREEN RIVER MILE 326.8	Yes	6	0	6	0
DINO0192	ELDER SPRING	Yes	31	31	0	0
DINO0193	(D- 4-24) 3DDD-S1	Yes	22	0	0	22
DINO0194	C01190	Yes	4	0	4	0
DINO0195	GREEN RIVER MILE 326.1	Yes	5	0	5	0
DINO0196	GREEN RIVER; 135.2 KM BELOW DAM	Yes	28	0	28	0
DINO0197	MCKEES'S SPRING	Yes	23	23	0	0
DINO0198	(D- 4-24) 3BAA-S1	Yes	26	0	0	26
DINO0199	CAMP SPRING	Yes	24	24	0	0
DINO0200	C01185	Yes	4	0	4	0
DINO0201	CHEW SPRING	Yes	24	24	0	0
DINO0202	MITTEN CANYON WARM SPRING	Yes	31	31	0	0
DINO0203	(D- 4-24)16CDD-S1	Yes	69	0	48	21
DINO0204	HANGING SPRING	Yes	32	32	0	0
DINO0205	C01184	No	4	0	4	0
DINO0206	WARM SPRING RIVER LEFT	Yes	31	31	0	0
DINO0207	MID-JOINT SPRING	Yes	32	32	0	0
DINO0208[1]	GREEN RIVER NEAR JENSEN, UTAH	Yes	11894	1859	3250	6785
DINO0209[1]	GREEN R AT DINOSAUR NATL MONUMENT U149 XING	Yes	12273	5305	6968	0
DINO0210	JUNIPER SPRING	Yes	32	32	0	0
DINO0211	HIDDEN FOREST SPRING	Yes	32	32	0	0
DINO0212	GREEN RIVER MILE 319.3	No	5	0	5	0
DINO0213	WARM POOL SPRING	Yes	55	55	0	0

Station Period of Record Tabulation
From 06/16/47 To 12/16/99

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75
DINO0214	GREEN RIVER MILE 322.8	Yes	6	0	6	0
DINO0215	GREEN RIVER MILE 321.6	Yes	5	0	5	0
DINO0216	COTTONWOOD SPRING	Yes	23	23	0	0
DINO0217	TAMARISK SPRING	Yes	23	23	0	0
DINO0218	SKANKY SEEP	Yes	23	23	0	0
DINO0219	RED SPRING	Yes	23	23	0	0
DINO0220	(D- 4-23)23DDA-S1	Yes	21	0	0	21
DINO0221	QUARRY WEST SPRING	Yes	24	24	0	0
DINO0222	(D- 4-23)26CAB-S1	Yes	39	0	0	39
DINO0223	QUARRY EAST SPRING	Yes	24	24	0	0
DINO0224	(D- 4-23)27BBA-S1	Yes	44	0	0	44
DINO0225	(D- 4-23)27CBD-S1	Yes	22	0	0	22
DINO0226	ORCHID SPRING	Yes	24	24	0	0
DINO0227	GREEN RIVER MILE 306.8	No	11	0	11	0
DINO0228	GREEN RIVER MILE 304.8	No	6	0	6	0
DINO0229	GREEN RIVER BELOW JENSEN	No	66	0	0	66
DINO0230	GREEN R AT US40 XING NR JENSEN	No	107	0	107	0
DINO0231	INTERMOUNTAIN CONCREATE CO POND 001	No	87	87	0	0
DINO0232[1]	INTERMOUNTAIN CONCRETE CO. OUTFALL FROM POND 002	No	441	349	92	0
DINO0233[1]	BRUSH CK AT U149 XING	No	4860	3295	1565	0
DINO0234	BURTON CANAL AT 4000 S. DINOSAUR	No	5	5	0	0
DINO0235	BRUSH CREEK NEAR JENSEN, UTAH	No	20	20	0	0
DINO0236	C00843	No	3	0	3	0
DINO0237	GREEN RIVER MILE 301.8	No	6	0	6	0
DINO0238	STEWART LAKE INFLOW J-5	No	110	110	0	0
DINO0239[1]	J1 DRAIN TO STEWART LAKE NEAR JENSEN	No	246	246	0	0
DINO0240	STEWART LAKE J1 AND J1A DRAINS	No	188	188	0	0
DINO0241[1]	J1A DRAIN TO STEWART LAKE NEAR JENSEN	No	255	255	0	0
DINO0242	J1-SEEP JENSEN	No	16	16	0	0
DINO0243[1]	J1-J1A DRAIN INFLOW TO STEWART L WMA	No	1335	378	957	0
DINO0244[1]	ODUM DRAIN INFLOW TO STEWART L WMA	No	1013	233	780	0
DINO0245[1]	STEWART L WMA INFLOW	No	389	36	353	0
DINO0246	SUNSHINE CANAL @ 5000 S. DINOSAUR	No	7	7	0	0
DINO0247	STEWART LAKE 01	No	0	0	0	0
DINO0248[1]	STEWART L WFMA OUTLET AB CNFL / GREEN R	No	4776	2462	2314	0
DINO0249	STEWART LAKE OUTFLOW	No	220	220	0	0
DINO0250	ASHLEY CR. AT MOUTH AT THE GREEN RIVER	No	71	71	0	0
DINO0251[1]	H. AINGE DRAIN INFLOW TO STEWART L WMA	No	1264	268	996	0
DINO0252[1]	J3 DRAIN TO STEWART LAKE	No	316	316	0	0
DINO0253[1]	J-4 DRAIN TO STEWART L WMA	No	1268	306	962	0
DINO0254[1]	J-3 DRAIN TO STEWART LAKE WMA	No	1218	269	949	0
DINO0255[1]	STEWART LAKE INFLOW J-4	No	469	469	0	0
DINO0256	DIVERSION FROM ASHLEY CK TO STEWART L WFMA	No	37	0	37	0
DINO0257	C01279	No	4	0	4	0
DINO0258	C01565	No	4	0	4	0
DINO0259	C01277	No	4	0	4	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 06/16/47 To 12/16/99

Parameter Code	Name	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00004	STREAM WIDTH (FEET)	2	2	0	0	1	1
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	20	19	1	0	1	1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1983	817	817	349	231	158
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	2	0	2	0	2	2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	265	107	150	8	36	23
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	64	35	29	0	1	1
00023	SAMPLE WEIGHT IN POUNDS	3	0	0	3	1	0
00025	BAROMETRIC PRESSURE (MM OF HG)	118	80	38	0	8	2
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	509	371	134	4	22	6
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	544	371	168	5	23	7
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	1	0	1	0	1	1
00041	WEATHER (WMO CODE 4501)	1	0	1	0	1	1
00049	SURFACE AREA IN SQUARE MILES	105	0	0	105	1	1
00055	VELOCITY, STREAM FT/SEC	3	3	0	0	3	0
00058	FLOW, RATE GALLONS/MIN	121	115	6	0	77	74
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	9	4	0	5	9	3
00060	FLOW, STREAM, MEAN DAILY CFS	409	0	11	398	7	3
00061	FLOW, STREAM, INSTANTANEOUS CFS	1459	677	676	106	32	9
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	2	2	0	0	1	1
00065	STAGE, STREAM (FEET)	31	16	14	1	2	2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	826	311	480	35	49	25
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	56	56	0	0	56	54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	737	446	291	0	146	120
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1731	673	709	349	111	43
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	329	309	20	0	10	1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	141	95	46	0	124	113
00300	OXYGEN, DISSOLVED MG/L	938	455	401	82	31	9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	96	35	56	5	1	1
00310	BOD, 5 DAY, 20 DEG C MG/L	267	51	150	66	10	2
00335	COD, .025N K2CR2O7 MG/L	385	129	256	0	12	1
00340	COD, .25N K2CR2O7 MG/L	32	0	32	0	7	6
00400	PH (STANDARD UNITS)	1039	468	291	280	97	35
00403	PH, LAB, STANDARD UNITS SU	199	144	55	0	15	5
00405	CARBON DIOXIDE (MG/L AS CO2)	1031	313	483	235	22	3
00406	PH, FIELD, STANDARD UNITS SU	803	462	300	41	107	94
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1267	448	506	313	134	105
00440	BICARBONATE ION (MG/L AS HCO3)	1036	313	455	268	39	17
00445	CARBONATE ION (MG/L AS CO3)	635	313	112	210	33	16
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	1	1	0	0	1	1
00500	RESIDUE, TOTAL (MG/L)	56	0	5	51	5	1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12	0	0	12	1	1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	931	413	453	65	21	4
00545	RESIDUE, SETTLEABLE (ML/L)	29	0	0	29	4	0
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	4	2	2	0	2	1
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	1	0	1	0	1	1
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	1	0	1	0	1	1
00600	NITROGEN, TOTAL (MG/L AS N)	1	0	1	0	1	1
00602	NITROGEN, DISSOLVED (MG/L AS N)	4	0	4	0	4	3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	109	71	38	0	6	5
00609	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	112	33	50	29	1	1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	892	347	466	79	17	2
00612	AMMONIA, UNIONZED (MG/L AS N)	112	33	50	29	1	1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	78	74	4	0	13	6
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	535	130	327	78	14	2
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	84	51	0	33	7	3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	575	130	366	79	19	3
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	6	1	5	0	5	4
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	1	0	1	0	1	1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	766	273	445	48	18	3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	383	63	320	0	16	3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	334	179	116	39	17	6
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	76	0	0	76	5	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	162	0	56	106	9	1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	812	348	461	3	15	3
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	136	106	30	0	9	6
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	343	217	87	39	102	93
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	358	132	226	0	13	1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	1	0	1	0	1	1
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	1	1	0	0	1	0
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	1	1	0	0	1	0
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	77	0	47	30	1	1

Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Parameter Code	Name	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1344	448	548	348	130	103
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	331	0	63	268	23	14
00910	CALCIUM (MG/L AS CACO3)	64	0	33	31	1	1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1123	500	524	99	140	108
00916	CALCIUM, TOTAL (MG/L AS CA)	2	0	2	0	2	2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1123	500	524	99	140	108
00927	MAGNESIUM, TOTAL (MG/L AS MG)	66	0	35	31	3	3
00929	SODIUM, TOTAL (MG/L AS NA)	68	0	34	34	3	3
00930	SODIUM, DISSOLVED (MG/L AS NA)	1242	501	523	218	132	101
00931	SODIUM ADSORPTION RATIO	365	7	94	264	21	13
00932	SODIUM, PERCENT	263	7	94	162	10	5
00933	SODIUM,PLUS POTASSIUM (MG/L)	60	0	11	49	11	9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1113	500	526	87	132	101
00937	POTASSIUM, TOTAL MG/L AS K)	12	0	12	0	3	3
00940	CHLORIDE,TOTAL IN WATER MG/L	537	87	149	301	38	20
00941	CHLORIDE, DISSOLVED IN WATER MG/L	821	410	411	0	105	91
00945	SULFATE, TOTAL (MG/L AS SO4)	601	123	179	299	38	20
00946	SULFATE, DISSOLVED (MG/L AS SO4)	824	413	411	0	105	91
00950	FLUORIDE, DISSOLVED (MG/L AS F)	513	149	285	79	102	73
00951	FLUORIDE, TOTAL (MG/L AS F)	48	0	18	30	3	3
00955	SILICA, DISSOLVED (MG/L AS SI02)	457	87	278	92	47	19
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	112	20	58	34	1	1
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	6	0	6	0	1	1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	96	71	25	0	17	4
01002	ARSENIC, TOTAL (UG/L AS AS)	57	0	27	30	1	1
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	5	0	5	0	5	5
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	3	0	0	3	1	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	177	169	8	0	109	96
01020	BORON, DISSOLVED (UG/L AS B)	555	206	272	77	129	100
01022	BORON, TOTAL (UG/L AS B)	55	0	23	32	1	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	162	150	12	0	79	65
01026	CADMIUM, SUSPENDED (UG/L AS CD)	1	0	1	0	1	1
01027	CADMIUM, TOTAL (UG/L AS CD)	1	0	1	0	1	1
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	5	0	5	0	5	5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	82	71	11	0	17	6
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	175	0	144	31	10	2
01035	COBALT, DISSOLVED (UG/L AS CO)	5	0	5	0	5	4
01036	COBALT, SUSPENDED (UG/L AS CO)	1	0	1	0	1	1
01037	COBALT, TOTAL (UG/L AS CO)	1	0	1	0	1	1
01040	COPPER, DISSOLVED (UG/L AS CU)	108	86	19	3	23	10
01041	COPPER, SUSPENDED (UG/L AS CU)	1	0	1	0	1	1
01042	COPPER, TOTAL (UG/L AS CU)	1	0	1	0	1	1
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	5	0	5	0	5	5
01044	IRON, SUSPENDED (UG/L AS FE)	1	0	1	0	1	1
01045	IRON, TOTAL (UG/L AS FE)	3	1	2	0	2	2
01046	IRON, DISSOLVED (UG/L AS FE)	200	177	18	5	109	99
01049	LEAD, DISSOLVED (UG/L AS PB)	96	86	10	0	18	6
01050	LEAD, SUSPENDED (UG/L AS PB)	1	0	1	0	1	1
01051	LEAD, TOTAL (UG/L AS PB)	1	0	1	0	1	1
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	5	0	5	0	5	5
01054	MANGANESE, SUSPENDED (UG/L AS MN)	1	0	1	0	1	1
01055	MANGANESE, TOTAL (UG/L AS MN)	2	1	1	0	1	1
01056	MANGANESE, DISSOLVED (UG/L AS MN)	191	175	12	4	109	98
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	15	15	0	0	8	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	26	15	11	0	17	5
01066	NICKEL, SUSPENDED (UG/L AS NI)	1	0	1	0	1	1
01067	NICKEL, TOTAL (UG/L AS NI)	1	0	1	0	1	1
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	5	0	5	0	5	5
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	7	0	7	0	1	1
01075	SILVER, DISSOLVED (UG/L AS AG)	141	134	7	0	79	65
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	29	0	18	11	1	1
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	102	101	1	0	93	90
01085	VANADIUM, DISSOLVED (UG/L AS V)	77	76	1	0	70	60
01090	ZINC, DISSOLVED (UG/L AS ZN)	238	223	15	0	110	96
01091	ZINC, SUSPENDED (UG/L ZN)	1	0	1	0	1	1
01092	ZINC, TOTAL (UG/L AS ZN)	109	20	58	31	2	2
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	5	0	5	0	5	5
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	7	0	7	0	1	1
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	94	90	4	0	67	63
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	108	20	58	30	1	1
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	109	18	60	31	1	1

Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Parameter Code	Name	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	8	0	8	0	1	1
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	104	13	60	31	1	1
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	109	20	58	31	1	1
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	22	0	15	7	1	1
01130	LITHIUM, DISSOLVED (UG/L AS LI)	105	101	4	0	96	93
01140	SILICON, DISSOLVED (UG/L AS SI)	101	101	0	0	92	90
01145	SELENIUM, DISSOLVED (UG/L AS SE)	151	136	15	0	20	6
01146	SELENIUM, SUSPENDED (UG/L AS SE)	1	0	1	0	1	1
01147	SELENIUM, TOTAL (UG/L AS SE)	50	3	18	29	4	2
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	2	2	0	0	2	0
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	3	0	0	3	1	0
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	612	237	375	0	11	1
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	5	0	5	0	5	5
01501	ALPHA, TOTAL	11	10	1	0	2	1
01503	ALPHA, DISSOLVED	12	0	8	4	1	1
03501	BETA, TOTAL	33	10	23	0	3	1
03503	BETA, DISSOLVED	11	0	5	6	1	1
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	9	9	0	0	5	0
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	9	9	0	0	5	0
04102	BETA, DRY WEIGHT,SEDIMENT,(AS SR,Y-90) PCI/G	2	2	0	0	2	0
04111	URANIUM-234,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	2	2	0	0	2	0
04112	URANIUM-235,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	2	2	0	0	2	0
04125	ALPHA, DRY WEIGHT, SEDIMENT (AS TH-230) PCI/G	2	2	0	0	2	0
04257	ALDICARB SULFONE, TOTAL, WATER UG/L	1	1	0	0	1	1
04258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	1	1	0	0	1	1
04260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	1	1	0	0	1	1
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	25	5	20	0	7	3
09501	RADIUM 226, TOTAL	15	6	9	0	1	1
09503	RADIUM 226, DISSOLVED	1	0	0	1	1	1
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	8	8	0	0	4	0
11501	RADIUM 228, TOTAL	14	3	11	0	2	1
13501	STRONTIUM 90, TOTAL	1	0	1	0	1	1
22612	URANIUM 235,IN SEDIMENT, (PCI/G OF DRY SOLID	2	2	0	0	2	0
22703	URANIUM, NATURAL, DISSOLVED	87	28	59	0	61	22
28014	URANIUM 234, IN SEDIMENT (PCI/G OF DRY SOLIDS)	2	2	0	0	2	0
28016	URANIUM 238, IN SEDIMENT (PCI/G OF DRY SOLIDS)	2	2	0	0	2	0
30190	DICHLORPROP, WATER, WHOLE, RECOVERABLE UG/L	2	2	0	0	1	1
30192	MCPA, WATER, WHOLE, RECOVERABLE UG/L	2	2	0	0	1	1
30218	DICHLORVOS, WATER, WHOLE, RECOVERABLE UG/L	1	1	0	0	1	1
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	48	0	0	48	4	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	61	0	18	43	1	1
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	172	22	150	0	9	2
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	2	0	2	0	2	2
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	146	21	125	0	9	2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	127	33	52	42	1	1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	48	0	0	48	4	0
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	1	1	0	0	1	1
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	2	0	2	0	2	2
31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	1	1	0	0	1	1
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	50	22	28	0	3	1
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1	1	0	0	1	1
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1	1	0	0	1	1
32104	BROMOFORM,WHOLE WATER,UG/L	1	1	0	0	1	1
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1	1	0	0	1	1
32106	CHLOROFORM,WHOLE WATER,UG/L	1	1	0	0	1	1
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	2	2	0	0	2	1
34351	ENDOSULFAN SULFATE TOTWUG/L	6	6	0	0	1	1
34356	ENDOSULFAN, BETA TOTWUG/L	6	6	0	0	1	1
34361	ENDOSULFAN, ALPHA TOTWUG/L	6	6	0	0	1	1
34366	ENDRIN ALDEHYDE TOTWUG/L	6	6	0	0	1	1
34474	SILVER WET WGTTISMG/KG	3	0	0	3	1	0
34531	1,2-DICHLOROETHANE TOTWUG/L	1	1	0	0	1	1
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	3	3	0	0	3	0
34671	PCB - 1016 TOTWUG/L	6	6	0	0	1	1
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	3	0	0	3	1	0
34685	ENDRIN WET WGTTISMG/KG	3	0	0	3	1	0
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	3	0	0	3	1	0
34687	HEPTACHLOR WET WGTTISMG/KG	3	0	0	3	1	0
34696	NAPHTHALENE TOTWUG/L	2	2	0	0	2	1
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	53	0	30	23	3	2
38442	DICAMBA (BANVEL) WATER,DISSUG/L	2	2	0	0	1	1

Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Parameter Code	Name	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
38500	METHIOCARB WATER, TOTUG/L	1	1	0	0	1	1
38537	PROPOXUR WATER, TOTUG/L	1	1	0	0	1	1
38865	OXAMYL WATER, TOTUG/L	1	1	0	0	1	1
38930	PICLORAM,RECOVERABLE FROM BOT MAT,DRYWGT,UG/KG	1	1	0	0	1	0
38931	DICAMBA,RECOVERABLE FROM BOT MAT,DRYWGT,UG/KG	1	1	0	0	1	0
39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	4	4	0	0	4	0
39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	5	5	0	0	5	1
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	4	4	0	0	4	0
39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	2	2	0	0	1	1
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39051	METHOMYL IN WHOLE WATER (UG/L)	1	1	0	0	1	1
39053	ALDICARB IN WHOLE WATER (UG/L)	1	1	0	0	1	1
39054	SIMETRYNE IN WHOLE WATER (UG/L)	4	4	0	0	4	0
39055	SIMAZINE IN WHOLE WATER (UG/L)	6	6	0	0	5	1
39056	PROMETONE IN WHOLE WATER (UG/L)	4	4	0	0	4	0
39057	PROMETRYNE IN WHOLE WATER (UG/L)	4	4	0	0	4	0
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	3	0	0	3	1	0
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	4	4	0	0	4	0
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	3	3	0	0	3	0
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	3	0	0	3	1	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	7	7	0	0	1	1
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	7	7	0	0	1	1
39312	P P DDD IN TISSUE WET WGT (UG/G)	3	0	0	3	1	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	9	9	0	0	1	1
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	3	0	0	3	1	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11	11	0	0	5	1
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	6	6	0	0	1	1
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	6	6	0	0	1	1
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	13	13	0	0	5	1
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	3	3	0	0	3	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	11	11	0	0	5	1
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	3	3	0	0	3	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	0
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11	11	0	0	5	1
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	3	3	0	0	3	0
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	3	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	13	13	0	0	5	1
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	0
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	3	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	13	13	0	0	5	1
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	3	3	0	0	3	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	3	0	0	3	1	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11	11	0	0	5	1
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11	11	0	0	5	1
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	3	3	0	0	3	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	12	12	0	0	5	1
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	3	3	0	0	3	0
39482	METHOXYCHLOR IN FISH - UG/KG	3	0	0	3	1	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	6	6	0	0	1	1
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	6	6	0	0	1	1
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	6	6	0	0	1	1
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	6	6	0	0	1	1
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	7	7	0	0	1	1
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	6	6	0	0	1	1
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	3	0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	5	5	0	0	5	1
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	0
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	6	6	0	0	5	1
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	0

Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Parameter Code	Name	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	5	5	0	0	5	1
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	3	3	0	0	3	0
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	13	13	0	0	5	1
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	3	0
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	2	0	2	0	2	2
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	11	11	0	0	5	1
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	3	0
39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	1
39755	MIREX, TOTAL (UG/L)	4	4	0	0	4	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	3	3	0	0	3	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12	12	0	0	5	1
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	3	0
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	2	0	2	0	2	2
39770	DACTHAL (DCPA) IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	1
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	3	0	0	3	1	0
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	3	0
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	3	3	0	0	3	0
45130	ALKYL BENZENE SULFONATE (ABS) IN WATER MG/L	2	0	2	0	2	2
46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	6	6	0	0	1	1
50051	FLOW, RATE, INSTANTANEOUS MGD	12	9	3	0	3	0
50932	SULFUR, DISSOLVED AS S MG/L	101	101	0	0	92	90
61027	ANIONS, SUM, TOTAL IN WATER MG/L	164	164	0	0	8	1
61283	M-XYLENE + P-XYLENE, TOTAL, WATER UG/L	2	2	0	0	2	1
61291	TOLUENE, TOTAL WATER UG/L	2	2	0	0	2	1
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	164	164	0	0	8	1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	1357	585	514	258	103	76
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	208	11	101	96	23	15
70302	SOLIDS, DISSOLVED-TONS PER DAY	331	0	88	243	4	2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	333	0	88	245	6	2
70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	1	0	0	1	1	1
70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	10	0	0	10	1	1
70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	10	0	0	10	1	1
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	150	5	36	109	3	3
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	85	0	1	84	2	2
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	76	0	1	75	2	2
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	59	0	1	58	2	2
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	14	0	1	13	2	2
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	159	0	39	120	3	3
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	201	0	39	162	3	3
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	22	0	0	22	1	1
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	169	0	37	132	3	3
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	22	0	0	22	1	1
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	151	0	60	91	3	3
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	120	0	36	84	3	3
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	116	0	36	80	3	3
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	80	0	33	47	3	3
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	29	0	20	9	3	3
70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	4	0	4	0	2	2
71820	DENSITY (GM/ML AT 20 C)	1	1	0	0	1	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	38	12	26	0	1	1
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	3	0	0	3	2	1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	153	101	0	52	110	103
71870	BROMIDE (MG/L AS BR)	4	0	4	0	4	3
71885	IRON (UG/L AS FE)	10	0	0	10	9	7
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	447	130	317	0	13	3
71887	NITROGEN, TOTAL, AS NO3 - MG/L	1	0	1	0	1	1
71890	MERCURY, DISSOLVED (UG/L AS HG)	75	70	5	0	16	5
71895	MERCURY, SUSPENDED (UG/L AS HG)	1	0	1	0	1	1
71900	MERCURY, TOTAL (UG/L AS HG)	10	0	10	0	2	2
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	5	0	5	0	5	5
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	3	0	0	3	1	0
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	3	0	0	3	1	0
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	3	0	0	3	1	0
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	3	0	0	3	1	0
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	123	0	0	123	15	11
72104	SAMPLE LOCATION, DISTANCE DOWNSTREAM (FEET)	1	1	0	0	1	1
72105	SAMPLE LOCATION, DISTANCE UPSTREAM (FEET)	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Parameter Code	Name	Total Obs	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
75955	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,SED PC/G	2	2	0	0	2	0
75962	URANIUM 238,1 SIGMA PRC EST,SUSP,SEDIMENT PC/G	2	2	0	0	2	0
75965	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS NAT U,SED UG/G	2	2	0	0	2	0
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	14	14	0	0	4	0
77825	ALACHLOR WHOLE WATER,UG/L	2	2	0	0	1	1
77969	CHLOROPYRIFOS IN WATER UG/L	1	1	0	0	1	1
78008	ENDRIN KETONE IN WATER UG/L	3	3	0	0	1	1
80015	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	2	2	0	0	2	1
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	9	9	0	0	5	0
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	9	9	0	0	5	0
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	9	9	0	0	5	0
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	9	9	0	0	5	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	366	39	120	207	3	3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	197	0	64	133	3	3
81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	2	2	0	0	1	1
81287	DNBP(C10H12N2O5) WHOLE WATER SAMPLE UG/L	2	2	0	0	1	1
81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	1	1	0	0	1	1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	3	0	0	3	1	0
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	4	4	0	0	4	0
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	3	3	0	0	3	0
81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	1	1	0	0	1	1
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	4	4	0	0	4	0
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	6	0	6	0	1	1
82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	2	0	2	0	2	2
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	8	6	2	0	7	2
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	8	6	2	0	7	2
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	2	0	2	0	2	2
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	4	4	0	0	4	0
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	4	4	0	0	4	0
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	61	61	0	0	61	59
82398	SAMPLING METHOD (CODES)	17	4	13	0	2	2
82559	HYDROCARBONS,VOLATILE, IN WATER TOTALUG/L	2	2	0	0	2	1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	601	219	382	0	12	1
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	596	219	377	0	12	1
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	1	0	1	0	1	0
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	591	219	372	0	11	1
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	593	219	374	0	12	1
82707	COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	1	0	1	0	1	0
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	599	220	379	0	11	1
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	621	220	401	0	13	1
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	590	219	371	0	11	1
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	603	220	383	0	11	1
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	591	220	371	0	11	1
82714	MOLYBDENUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	1	0	1	0	1	0
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	294	0	294	0	11	1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	591	219	372	0	11	1
82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	2	0	2	0	2	0
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	601	220	381	0	11	1
82725	BORON, FIELD ACIDIFIED, DECANTED, WATER UG/L	3	3	0	0	1	0
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	51	20	4	27	32	14
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	53	22	4	27	32	14
84007	ANATOMY ALPHA CODE	3	0	0	3	1	0
84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	3	0	0	3	1	0
85000	STREAM MILE, ACTUAL MILES	49	0	49	0	37	26
85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	102	0	102	0	7	6

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0016	Yes	00004	STREAM WIDTH (FEET)	11/08/96-03/20/97	0	2	
DINO0016	Yes	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	01/04/84-07/15/87	3	20	
DINO0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/81-07/15/81	0	1	
DINO0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/81-08/19/81	0	1	
DINO0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/81	0	1	
DINO0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	1	8	
DINO0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/81-10/05/81	0	3	
DINO0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/81-04/23/81	0	1	
DINO0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/96-11/08/96	0	4	
DINO0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/81-10/06/81	0	4	
DINO0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/81-04/22/81	0	1	
DINO0011	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/81-06/23/81	0	1	
DINO0012	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/68-04/21/92	24	136	
DINO0016	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	21	118	
DINO0018	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/98-07/01/98	0	1	
DINO0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/78-08/10/78	0	1	
DINO0020	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/98-08/03/98	0	1	
DINO0021	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/78-08/16/78	0	1	
DINO0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/97-07/30/97	0	1	
DINO0024	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/81-04/16/81	0	1	
DINO0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/98-07/02/98	0	1	
DINO0026	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/76-08/17/76	0	1	
DINO0027	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-07/15/79	0	6	
DINO0028	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/81-06/16/81	0	1	
DINO0029	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/98-07/02/98	0	1	
DINO0031	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/81-06/17/81	0	1	
DINO0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/97-07/30/97	0	1	
DINO0033	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	1	8	
DINO0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	0	1	
DINO0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/77-09/25/77	0	1	
DINO0036	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/97-07/29/97	0	1	
DINO0037	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	0	1	
DINO0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/97-07/29/97	0	1	
DINO0039	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/81-09/10/81	0	2	
DINO0040	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/81-05/15/81	0	1	
DINO0041	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/98-07/03/98	0	1	
DINO0042	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/77-09/21/77	0	1	
DINO0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/78-08/08/78	0	1	
DINO0044	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/98-07/03/98	0	1	
DINO0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/78-08/13/78	0	1	
DINO0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/97-08/13/97	0	1	
DINO0051	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/98-07/03/98	0	1	
DINO0052	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/97-08/09/97	0	1	
DINO0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/98-07/04/98	0	1	
DINO0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/81-04/17/81	0	1	
DINO0056	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/98-07/04/98	0	1	
DINO0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/97-08/21/97	0	1	
DINO0060	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/77-09/25/77	0	1	
DINO0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	0	1	
DINO0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/16/81-05/16/81	0	1	
DINO0063	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	0	1	
DINO0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	0	1	
DINO0065	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	1	8	
DINO0066	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/97-05/22/98	0	2	
DINO0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/97-05/22/98	0	2	
DINO0070	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	0	1	
DINO0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	0	1	
DINO0074	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/78-08/04/78	0	1	
DINO0075	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/97-08/03/97	0	1	
DINO0077	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/78-07/29/78	0	1	
DINO0078	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/97-05/22/98	0	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0080	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-08/15/78	0	1	
DINO0081	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/97-08/15/97	0	1	
DINO0082	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-09/11/81	0	2	
DINO0083	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	0	1	
DINO0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/98-07/04/98	0	1	
DINO0089	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/72-10/19/72	0	1	
DINO0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/97-08/07/97	0	1	
DINO0093	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/81-06/18/81	0	1	
DINO0094	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/97-08/07/97	0	1	
DINO0096	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	1	8	
DINO0098	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	0	1	
DINO0100	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-07/13/98	0	2	
DINO0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/83-09/06/83	0	1	
DINO0102	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	0	1	
DINO0103	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/82-07/27/82	0	17	
DINO0104	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	0	1	
DINO0105	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/58-05/09/73	14	2	
DINO0106	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/78-08/08/78	0	1	
DINO0107	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	0	1	
DINO0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-07/12/98	0	2	
DINO0111	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/78-08/04/78	0	1	
DINO0112	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/98-08/04/98	0	1	
DINO0115	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/81-09/29/81	0	2	
DINO0116	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/98-08/05/98	0	1	
DINO0118	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/81-08/05/81	0	3	
DINO0119	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/98-07/25/98	0	1	
DINO0120	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/83-09/07/83	0	1	
DINO0121	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/48-09/18/48	0	1	
DINO0122	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/98-06/15/98	0	1	
DINO0123	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	0	1	
DINO0124	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/81-08/06/81	0	1	
DINO0126	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/98-06/16/98	0	1	
DINO0127	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	0	1	
DINO0128	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	1	8	
DINO0129	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	0	1	
DINO0130	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/67-09/13/67	0	1	
DINO0131	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/73-05/18/73	0	1	
DINO0132	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	0	1	
DINO0134	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	0	1	
DINO0135	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/78-08/09/78	0	1	
DINO0136	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	0	1	
DINO0137	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/78-08/16/78	0	1	
DINO0138	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/78-08/16/78	0	1	
DINO0139	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/78-08/02/78	0	1	
DINO0140	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/98-07/26/98	0	1	
DINO0141	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/81-05/18/81	0	1	
DINO0142	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	0	1	
DINO0143	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/77-09/13/77	0	5	
DINO0144	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/71-05/05/82	10	57	
DINO0145	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/78-07/02/78	0	1	
DINO0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/77-06/22/77	0	3	
DINO0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	0	1	
DINO0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-06/08/78	0	2	
DINO0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-10/01/96	19	39	
DINO0152	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	0	1	
DINO0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/65-07/30/68	2	2	
DINO0157	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/83-10/25/83	0	1	
DINO0158	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-07/13/98	0	2	
DINO0160	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-10/01/96	19	17	
DINO0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/65-06/13/68	2	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0162	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/78-08/08/78	0	1	
DINO0163	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	0	1	
DINO0167	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	0	1	
DINO0168	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/69-09/24/69	0	1	
DINO0170	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/97-07/28/97	0	1	
DINO0171	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/81-05/18/81	0	1	
DINO0172	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/48-09/19/48	0	1	
DINO0173	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/81-09/30/81	0	1	
DINO0174	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/81-06/20/81	0	1	
DINO0175	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/78-08/10/78	0	1	
DINO0176	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/81-04/22/81	0	1	
DINO0177	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/81-06/21/81	0	1	
DINO0178	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/81-08/07/81	0	1	
DINO0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/68-07/31/68	0	1	
DINO0180	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/70-05/21/70	0	1	
DINO0181	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/81-10/02/81	0	1	
DINO0182	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-08/15/78	0	1	
DINO0183	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/78-08/04/78	0	1	
DINO0184	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/68-07/31/68	0	2	
DINO0185	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/98-05/21/98	0	1	
DINO0186	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/77-09/14/77	0	1	
DINO0187	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/73-05/09/73	0	1	
DINO0188	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/77-09/19/77	0	1	
DINO0189	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/97-08/18/97	0	1	
DINO0190	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/81-05/20/81	0	1	
DINO0191	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/81-08/08/81	0	1	
DINO0192	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/97-08/18/97	0	1	
DINO0193	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/67-09/12/67	0	1	
DINO0194	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	0	1	
DINO0195	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/81-04/23/81	0	1	
DINO0196	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	1	8	
DINO0197	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/98-07/16/98	0	1	
DINO0198	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/70-05/21/70	0	1	
DINO0199	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/98-06/20/98	0	1	
DINO0200	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/78-08/10/78	0	1	
DINO0201	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	0	1	
DINO0203	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/48-09/08/83	34	2	
DINO0204	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/97-08/19/97	0	1	
DINO0205	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	0	1	
DINO0206	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	36	470	
DINO0209	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	23	261	
DINO0210	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/97-08/19/97	0	1	
DINO0212	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/81-04/24/81	0	1	
DINO0213	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/97-07/14/98	0	2	
DINO0214	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/81-05/21/81	0	1	
DINO0215	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/81-10/02/81	0	1	
DINO0216	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/98-08/06/98	0	1	
DINO0220	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/18/58-11/18/58	0	1	
DINO0221	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/98-06/11/98	0	1	
DINO0223	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/98-06/19/98	0	1	
DINO0224	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/58-07/12/58	0	1	
DINO0226	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/98-06/12/98	0	1	
DINO0227	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/79-05/26/81	1	2	
DINO0228	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/81-05/27/81	0	1	
DINO0230	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/09/77-09/21/77	0	6	
DINO0231	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/98-12/16/99	1	6	
DINO0232	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/82-01/07/99	16	47	
DINO0233	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/99	21	113	
DINO0237	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/79-10/05/79	0	1	
DINO0238	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/86-08/28/91	5	3	
DINO0239	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	8	25	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0240	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/86-10/23/91	5	5	
DINO0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	8	24	
DINO0243	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/81-10/28/92	11	38	
DINO0244	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/81-09/25/86	5	25	
DINO0245	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/81-06/04/85	3	11	
DINO0248	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	12	118	
DINO0249	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/86-09/27/89	3	6	
DINO0250	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/87-07/30/91	3	4	
DINO0251	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/81-03/04/86	4	33	
DINO0252	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	8	25	
DINO0253	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/81-09/25/86	5	33	
DINO0254	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/81-03/04/86	4	31	
DINO0255	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/86-08/20/96	10	28	
DINO0256	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/82-04/27/82	0	1	
DINO0257	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/78-07/29/78	0	1	
DINO0258	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/78-07/29/78	0	1	
DINO0259	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/78-08/08/78	0	1	
DINO0017	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/31/80-07/31/80	0	1	
DINO0001	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/81-07/15/81	0	1	
DINO0002	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/19/81-08/19/81	0	1	
DINO0003	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/18/81-08/18/81	0	1	
DINO0005	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/19/81-10/05/81	0	3	
DINO0009	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/20/81-10/06/81	0	4	
DINO0010	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/81-04/22/81	0	1	
DINO0011	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-06/23/81	0	1	
DINO0028	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/81-06/16/81	0	1	
DINO0031	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/17/81-06/17/81	0	1	
DINO0039	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/30/81-09/10/81	0	2	
DINO0040	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/15/81-05/15/81	0	1	
DINO0055	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/81-04/17/81	0	1	
DINO0062	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/16/81-05/16/81	0	1	
DINO0082	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/31/81-09/11/81	0	2	
DINO0093	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/18/81-06/18/81	0	1	
DINO0115	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/81-09/29/81	0	1	
DINO0118	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/17/81-08/05/81	0	3	
DINO0124	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/06/81-08/06/81	0	1	
DINO0141	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/18/81-05/18/81	0	1	
DINO0157	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/25/83-10/25/83	0	1	
DINO0171	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/18/81-05/18/81	0	1	
DINO0173	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/30/81-09/30/81	0	1	
DINO0174	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/81-06/20/81	0	1	
DINO0177	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/21/81-06/21/81	0	1	
DINO0178	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/81-08/07/81	0	1	
DINO0181	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/02/81-10/02/81	0	1	
DINO0191	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/81-08/08/81	0	1	
DINO0208	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	22	204	
DINO0209	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/11/90-07/31/91	0	7	
DINO0215	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/02/81-10/02/81	0	1	
DINO0227	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/03/79-05/26/81	1	2	
DINO0228	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/81-05/27/81	0	1	
DINO0232	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/11/90-04/25/91	0	2	
DINO0233	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/11/90-07/31/91	0	5	
DINO0237	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/79-10/05/79	0	1	
DINO0248	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/12/90-07/31/91	0	6	
DINO0012	Yes	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	02/28/80-04/21/92	12	64	
DINO0229	No	00023	SAMPLE WEIGHT IN POUNDS	09/28/71-09/28/71	0	3	
DINO0016	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	11/08/96-03/20/97	0	2	
DINO0208	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	10	105	
DINO0238	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/23/86-08/26/86	0	2	
DINO0239	No	00025	BAROMETRIC PRESSURE (MM OF HG)	07/27/88-07/27/88	0	2	
DINO0240	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/23/86-08/26/86	0	2	
DINO0249	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/24/86-08/27/86	0	2	
DINO0252	No	00025	BAROMETRIC PRESSURE (MM OF HG)	04/05/88-04/05/88	0	1	
DINO0255	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/23/86-08/26/86	0	2	
DINO0007	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/19/96-11/08/96	0	4	
DINO0016	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/22/75-03/20/97	21	157	
DINO0101	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/06/83-09/06/83	0	1	
DINO0103	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/29/82-07/27/82	0	19	
DINO0120	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/07/83-09/07/83	0	1	
DINO0144	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/23/81-08/16/82	0	8	
DINO0157	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/25/83-10/25/83	0	1	

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Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0161	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/10/65-09/10/65	0	1	
DINO0203	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/08/83-09/08/83	0	1	
DINO0208	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/01/63-08/21/96	33	135	
DINO0234	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/28/89-06/28/89	0	1	
DINO0235	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/26/88-06/27/89	0	2	
DINO0238	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/23/86-08/28/91	5	4	
DINO0239	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/05/88-08/20/96	8	28	
DINO0240	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/23/86-10/23/91	5	19	
DINO0241	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/05/88-08/20/96	8	25	
DINO0242	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/30/88-11/30/88	0	1	
DINO0246	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/28/89-06/28/89	0	1	
DINO0249	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/24/86-09/27/89	3	15	
DINO0250	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/11/87-07/30/91	3	4	
DINO0252	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/05/88-08/20/96	8	38	
DINO0255	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/23/86-08/20/96	10	43	
DINO0007	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/19/96-11/08/96	0	4	
DINO0016	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/22/75-03/20/97	21	157	
DINO0101	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/06/83-09/06/83	0	1	
DINO0103	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/29/82-07/27/82	0	19	
DINO0120	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/07/83-09/07/83	0	1	
DINO0144	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/23/81-08/16/82	0	8	
DINO0157	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/25/83-10/25/83	0	1	
DINO0161	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/10/65-09/10/65	0	1	
DINO0203	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/08/83-09/08/83	0	1	
DINO0208	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/01/63-08/21/96	33	169	
DINO0222	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/04/50-05/04/50	0	1	
DINO0234	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/28/89-06/28/89	0	1	
DINO0235	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/26/88-06/27/89	0	2	
DINO0238	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/23/86-08/28/91	5	4	
DINO0239	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/05/88-08/20/96	8	28	
DINO0240	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/23/86-10/23/91	5	19	
DINO0241	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/05/88-08/20/96	8	25	
DINO0242	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/30/88-11/30/88	0	1	
DINO0246	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/28/89-06/28/89	0	1	
DINO0249	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/24/86-09/27/89	3	15	
DINO0250	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/11/87-07/30/91	3	4	
DINO0252	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/05/88-08/20/96	8	38	
DINO0255	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/23/86-08/20/96	10	43	
DINO0208	Yes	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	03/11/80-03/11/80	0	1	
DINO0016	Yes	00041	WEATHER (WMO CODE 4501)	08/26/75-08/26/75	0	1	
DINO0208	Yes	00049	SURFACE AREA IN SQUARE MILES	10/15/51-09/26/62	10	105	
DINO0239	No	00055	VELOCITY, STREAM FT/SEC	09/23/95-09/23/95	0	1	
DINO0241	No	00055	VELOCITY, STREAM FT/SEC	09/23/95-09/23/95	0	1	
DINO0252	No	00055	VELOCITY, STREAM FT/SEC	09/23/95-09/23/95	0	1	
DINO0018	Yes	00058	FLOW, RATE GALLONS/MIN	07/01/98-07/01/98	0	1	
DINO0020	Yes	00058	FLOW, RATE GALLONS/MIN	08/03/98-08/03/98	0	1	
DINO0023	Yes	00058	FLOW, RATE GALLONS/MIN	07/30/97-07/30/97	0	1	
DINO0030	Yes	00058	FLOW, RATE GALLONS/MIN	07/02/98-07/02/98	0	1	
DINO0032	Yes	00058	FLOW, RATE GALLONS/MIN	07/30/97-07/30/97	0	1	
DINO0036	Yes	00058	FLOW, RATE GALLONS/MIN	07/29/97-07/29/97	0	1	
DINO0038	Yes	00058	FLOW, RATE GALLONS/MIN	07/29/97-07/29/97	0	1	
DINO0041	Yes	00058	FLOW, RATE GALLONS/MIN	07/03/98-07/03/98	0	1	
DINO0045	Yes	00058	FLOW, RATE GALLONS/MIN	08/08/97-08/08/97	0	1	
DINO0047	Yes	00058	FLOW, RATE GALLONS/MIN	07/03/98-07/03/98	0	1	
DINO0050	Yes	00058	FLOW, RATE GALLONS/MIN	08/13/97-08/13/97	0	1	
DINO0051	Yes	00058	FLOW, RATE GALLONS/MIN	07/03/98-07/03/98	0	1	
DINO0053	Yes	00058	FLOW, RATE GALLONS/MIN	08/09/97-08/09/97	0	1	
DINO0054	Yes	00058	FLOW, RATE GALLONS/MIN	07/04/98-07/04/98	0	1	
DINO0056	Yes	00058	FLOW, RATE GALLONS/MIN	07/04/98-07/04/98	0	1	
DINO0057	Yes	00058	FLOW, RATE GALLONS/MIN	08/13/97-08/13/97	0	1	
DINO0058	Yes	00058	FLOW, RATE GALLONS/MIN	08/21/97-08/21/97	0	1	
DINO0063	Yes	00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	0	1	
DINO0066	Yes	00058	FLOW, RATE GALLONS/MIN	08/14/97-05/22/98	0	2	
DINO0067	Yes	00058	FLOW, RATE GALLONS/MIN	08/14/97-05/22/98	0	2	
DINO0069	Yes	00058	FLOW, RATE GALLONS/MIN	08/14/97-05/22/98	0	2	
DINO0072	Yes	00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	0	1	
DINO0073	Yes	00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	0	1	
DINO0075	Yes	00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	0	1	
DINO0076	Yes	00058	FLOW, RATE GALLONS/MIN	08/03/97-08/03/97	0	1	
DINO0078	Yes	00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	0	1	
DINO0079	Yes	00058	FLOW, RATE GALLONS/MIN	05/22/98-05/22/98	0	1	
DINO0081	Yes	00058	FLOW, RATE GALLONS/MIN	08/15/97-08/15/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0083	Yes	00058	FLOW, RATE GALLONS/MIN	08/18/97-08/18/97	0	1	
DINO0085	Yes	00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	0	1	
DINO0086	Yes	00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	0	1	
DINO0088	Yes	00058	FLOW, RATE GALLONS/MIN	07/04/98-07/04/98	0	1	
DINO0090	Yes	00058	FLOW, RATE GALLONS/MIN	09/20/97-09/20/97	0	1	
DINO0094	Yes	00058	FLOW, RATE GALLONS/MIN	08/07/97-08/07/97	0	1	
DINO0095	Yes	00058	FLOW, RATE GALLONS/MIN	08/07/97-08/07/97	0	1	
DINO0100	Yes	00058	FLOW, RATE GALLONS/MIN	08/04/97-07/13/98	0	2	
DINO0102	Yes	00058	FLOW, RATE GALLONS/MIN	08/04/97-08/04/97	0	1	
DINO0109	Yes	00058	FLOW, RATE GALLONS/MIN	08/04/97-08/04/97	0	1	
DINO0110	Yes	00058	FLOW, RATE GALLONS/MIN	08/04/97-07/12/98	0	2	
DINO0112	Yes	00058	FLOW, RATE GALLONS/MIN	06/15/98-06/15/98	0	1	
DINO0113	Yes	00058	FLOW, RATE GALLONS/MIN	08/04/97-07/13/98	0	2	
DINO0114	Yes	00058	FLOW, RATE GALLONS/MIN	08/04/98-08/04/98	0	1	
DINO0116	Yes	00058	FLOW, RATE GALLONS/MIN	08/04/98-08/04/98	0	1	
DINO0117	Yes	00058	FLOW, RATE GALLONS/MIN	08/05/98-08/05/98	0	1	
DINO0119	Yes	00058	FLOW, RATE GALLONS/MIN	07/25/98-07/25/98	0	1	
DINO0122	Yes	00058	FLOW, RATE GALLONS/MIN	06/15/98-06/15/98	0	1	
DINO0126	Yes	00058	FLOW, RATE GALLONS/MIN	06/16/98-06/16/98	0	1	
DINO0127	Yes	00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	0	1	
DINO0129	Yes	00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	0	1	
DINO0132	Yes	00058	FLOW, RATE GALLONS/MIN	08/04/97-08/04/97	0	1	
DINO0133	Yes	00058	FLOW, RATE GALLONS/MIN	08/04/97-08/04/97	0	1	
DINO0136	Yes	00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	0	1	
DINO0140	Yes	00058	FLOW, RATE GALLONS/MIN	07/26/98-07/26/98	0	1	
DINO0142	Yes	00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	0	1	
DINO0147	No	00058	FLOW, RATE GALLONS/MIN	08/05/97-08/05/97	0	1	
DINO0159	Yes	00058	FLOW, RATE GALLONS/MIN	08/05/97-07/13/98	0	2	
DINO0164	Yes	00058	FLOW, RATE GALLONS/MIN	08/05/97-08/05/97	0	1	
DINO0165	Yes	00058	FLOW, RATE GALLONS/MIN	08/05/97-08/05/97	0	1	
DINO0166	Yes	00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	0	1	
DINO0170	Yes	00058	FLOW, RATE GALLONS/MIN	07/28/97-07/28/97	0	1	
DINO0185	Yes	00058	FLOW, RATE GALLONS/MIN	05/21/98-05/21/98	0	1	
DINO0189	Yes	00058	FLOW, RATE GALLONS/MIN	08/18/97-08/18/97	0	1	
DINO0199	Yes	00058	FLOW, RATE GALLONS/MIN	06/20/98-06/20/98	0	1	
DINO0201	Yes	00058	FLOW, RATE GALLONS/MIN	06/26/98-06/26/98	0	1	
DINO0202	Yes	00058	FLOW, RATE GALLONS/MIN	08/05/97-08/05/97	0	1	
DINO0204	Yes	00058	FLOW, RATE GALLONS/MIN	08/19/97-08/19/97	0	1	
DINO0206	Yes	00058	FLOW, RATE GALLONS/MIN	09/22/97-09/22/97	0	1	
DINO0207	Yes	00058	FLOW, RATE GALLONS/MIN	08/19/97-08/19/97	0	1	
DINO0210	Yes	00058	FLOW, RATE GALLONS/MIN	08/19/97-08/19/97	0	1	
DINO0211	Yes	00058	FLOW, RATE GALLONS/MIN	08/19/97-08/19/97	0	1	
DINO0213	Yes	00058	FLOW, RATE GALLONS/MIN	09/22/97-07/14/98	0	2	
DINO0217	Yes	00058	FLOW, RATE GALLONS/MIN	06/27/98-06/27/98	0	1	
DINO0221	Yes	00058	FLOW, RATE GALLONS/MIN	06/11/98-06/11/98	0	1	
DINO0223	Yes	00058	FLOW, RATE GALLONS/MIN	06/19/98-06/19/98	0	1	
DINO0226	Yes	00058	FLOW, RATE GALLONS/MIN	06/12/98-06/12/98	0	1	
DINO0231	No	00058	FLOW, RATE GALLONS/MIN	01/06/98-12/16/99	1	6	
DINO0232	No	00058	FLOW, RATE GALLONS/MIN	10/17/82-01/07/99	16	32	
DINO0105	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/30/58-09/30/58	0	1	
DINO0121	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/18/48-09/18/48	0	1	
DINO0153	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/30/68-07/30/68	0	1	
DINO0172	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/19/48-09/19/48	0	1	
DINO0203	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/19/48-09/19/48	0	1	
DINO0239	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/21/93-04/21/93	0	1	
DINO0241	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/21/93-04/21/93	0	1	
DINO0252	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/21/93-04/21/93	0	1	
DINO0255	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/21/93-04/21/93	0	1	
DINO0008	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/08/50-11/08/50	0	1	
DINO0108	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/16/47-09/18/48	1	2	
DINO0131	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/18/73-05/18/73	0	1	
DINO0144	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/02/71-07/08/74	2	18	
DINO0187	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/09/73-05/09/73	0	1	
DINO0203	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/19/48-09/19/48	0	1	
DINO0208	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	16	385	A
DINO0007	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/96-11/08/96	0	4	
DINO0012	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/10/81-12/10/81	0	1	
DINO0016	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	21	158	
DINO0026	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/76-08/17/76	0	1	
DINO0034	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/76-08/18/76	0	1	
DINO0061	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/76-08/19/76	0	1	
DINO0103	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/29/82-07/27/82	0	19	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0107	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/76-08/19/76	0	1	
DINO0144	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	7	63	
DINO0149	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/78-06/08/78	0	1	
DINO0150	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/78-08/17/94	16	18	
DINO0160	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/78-08/17/94	16	9	
DINO0208	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	44	313	
DINO0209	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	23	298	
DINO0231	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/04/92-08/11/99	7	33	
DINO0232	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/02/83-12/15/99	16	69	
DINO0233	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/30/78-12/16/99	21	94	
DINO0238	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/23/86-08/28/86	0	3	
DINO0239	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/26/89-08/20/96	7	14	
DINO0240	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/23/86-10/25/89	3	12	
DINO0241	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/26/89-08/20/96	7	14	
DINO0243	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/81-10/28/92	11	44	
DINO0244	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/81-09/25/86	5	25	
DINO0245	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/09/81-06/04/85	3	11	
DINO0248	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	12	103	
DINO0249	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/24/86-09/27/89	3	4	
DINO0250	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/11/87-11/04/87	0	2	
DINO0251	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/81-03/04/86	4	32	
DINO0252	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/88-08/20/96	8	21	
DINO0253	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/10/81-09/25/86	5	32	
DINO0254	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/10/81-03/04/86	4	31	
DINO0255	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/23/86-08/20/96	10	27	
DINO0016	Yes	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	11/08/96-03/20/97	0	2	
DINO0016	Yes	00065	STAGE, STREAM (FEET)	05/27/83-03/20/97	13	3	
DINO0208	Yes	00065	STAGE, STREAM (FEET)	09/06/74-02/18/86	11	28	
DINO0001	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/15/81-07/15/81	0	1	
DINO0002	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/81-08/19/81	0	1	
DINO0003	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/18/81-08/18/81	0	1	
DINO0005	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/81-06/24/81	0	2	
DINO0006	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/23/81-04/23/81	0	1	
DINO0009	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/20/81-08/21/81	0	3	
DINO0010	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/81-04/22/81	0	1	
DINO0011	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/23/81-06/23/81	0	1	
DINO0012	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/68-06/10/80	12	66	
DINO0024	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/81-04/16/81	0	1	
DINO0028	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/16/81-06/16/81	0	1	
DINO0031	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/17/81-06/17/81	0	1	
DINO0039	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/30/81-09/10/81	0	2	
DINO0040	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/81-05/15/81	0	1	
DINO0055	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/81-04/17/81	0	1	
DINO0062	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/81-05/16/81	0	1	
DINO0082	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/81-09/11/81	0	2	
DINO0093	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/18/81-06/18/81	0	1	
DINO0115	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-04/21/81	0	1	
DINO0118	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/81-08/05/81	0	3	
DINO0124	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/06/81-08/06/81	0	1	
DINO0141	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/81-05/18/81	0	1	
DINO0150	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/31/78-08/31/78	0	1	
DINO0160	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/08/82-10/26/82	0	4	
DINO0171	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/81-05/18/81	0	1	
DINO0174	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/81-06/20/81	0	1	
DINO0176	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/81-04/22/81	0	1	
DINO0177	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/21/81-06/21/81	0	1	
DINO0178	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/07/81-08/07/81	0	1	
DINO0190	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/20/81-05/20/81	0	1	
DINO0191	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/81-08/08/81	0	1	
DINO0195	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/23/81-04/23/81	0	1	
DINO0209	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	23	288	T,A,S
DINO0212	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/24/81-04/24/81	0	1	
DINO0214	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/21/81-05/21/81	0	1	
DINO0227	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/79-05/26/81	1	2	
DINO0228	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/81-05/27/81	0	1	
DINO0230	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/04/75-08/27/75	0	3	
DINO0232	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-07/28/87	5	2	
DINO0233	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	17	122	
DINO0237	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/05/79-10/05/79	0	1	
DINO0243	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	6	35	
DINO0244	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	6	28	
DINO0245	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/09/81-06/04/85	3	11	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0248	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	12	119	
DINO0251	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	6	35	
DINO0253	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	6	35	
DINO0254	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	6	34	
DINO0256	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/27/82-04/27/82	0	1	
DINO0023	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/30/97-07/30/97	0	1	
DINO0032	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/29/97-07/29/97	0	1	
DINO0044	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/08/97-08/08/97	0	1	
DINO0050	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/13/97-08/13/97	0	1	
DINO0052	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/09/97-08/09/97	0	1	
DINO0057	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/14/97-08/14/97	0	1	
DINO0067	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/14/97-08/14/97	0	1	
DINO0069	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/14/97-08/14/97	0	1	
DINO0071	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/18/97-08/18/97	0	1	
DINO0081	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/15/97-08/15/97	0	1	
DINO0083	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	0	1	
DINO0090	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	0	1	
DINO0102	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	0	1	
DINO0109	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	0	1	
DINO0113	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	0	1	
DINO0132	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	0	1	
DINO0147	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	0	1	
DINO0158	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	0	1	
DINO0163	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	0	1	
DINO0170	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/28/97-07/28/97	0	1	
DINO0189	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/18/97-08/18/97	0	1	
DINO0202	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	0	1	
DINO0204	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/19/97-08/19/97	0	1	
DINO0210	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/22/97-09/22/97	0	1	
DINO0001	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/15/81-07/15/81	0	1	
DINO0002	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/81-08/19/81	0	1	
DINO0003	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/81-08/18/81	0	1	
DINO0005	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/81-10/05/81	0	3	
DINO0006	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/81-04/23/81	0	1	
DINO0009	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/81-10/06/81	0	4	
DINO0010	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/22/81-04/22/81	0	1	
DINO0011	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/81-06/23/81	0	1	
DINO0017	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/80-07/31/80	0	1	
DINO0018	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/98-07/01/98	0	1	
DINO0020	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	08/03/98-08/03/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0022	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/97-07/30/97	0	1	
DINO0024	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/81-04/16/81	0	1	
DINO0025	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/98-07/02/98	0	1	
DINO0028	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/81-06/16/81	0	1	
DINO0029	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/98-07/02/98	0	1	
DINO0031	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/17/81-06/17/81	0	1	
DINO0032	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/97-07/29/97	0	1	
DINO0039	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/81-09/10/81	0	2	
DINO0040	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/81-05/15/81	0	1	
DINO0041	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/98-07/03/98	0	1	
DINO0044	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/98-07/03/98	0	1	
DINO0050	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/97-08/13/97	0	1	
DINO0051	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/98-07/03/98	0	1	
DINO0052	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/97-08/09/97	0	1	
DINO0054	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/04/98-07/04/98	0	1	
DINO0055	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/81-04/17/81	0	1	
DINO0056	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/04/98-07/04/98	0	1	
DINO0057	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/21/97-08/21/97	0	1	
DINO0062	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/16/81-05/16/81	0	1	
DINO0063	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/97-05/22/98	0	2	
DINO0068	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/80-07/31/80	0	1	
DINO0069	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/97-05/22/98	0	2	
DINO0071	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/97-05/22/98	0	2	
DINO0081	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/15/97-08/15/97	0	1	
DINO0082	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-09/11/81	0	2	
DINO0083	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	0	1	
DINO0088	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/04/98-07/04/98	0	1	
DINO0090	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/97-08/07/97	0	1	
DINO0093	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/81-06/18/81	0	1	
DINO0094	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-07/13/98	0	2	
DINO0102	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	0	1	
DINO0109	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-07/12/98	0	2	
DINO0112	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/98-08/04/98	0	1	
DINO0115	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/21/81-09/29/81	0	2	
DINO0116	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/98-08/05/98	0	1	
DINO0118	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/81-08/05/81	0	3	
DINO0119	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/98-07/25/98	0	1	
DINO0122	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/15/98-06/15/98	0	1	
DINO0124	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/81-08/06/81	0	1	
DINO0126	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/98-06/16/98	0	1	
DINO0127	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	0	1	
DINO0132	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	08/04/97-08/04/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0136	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	0	1	
DINO0140	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/26/98-07/26/98	0	1	
DINO0141	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/81-05/18/81	0	1	
DINO0142	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	0	1	
DINO0147	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	0	1	
DINO0150	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/80-10/01/96	16	35	
DINO0158	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-07/13/98	0	2	
DINO0160	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/78-10/01/96	18	14	
DINO0163	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	0	1	
DINO0170	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/97-07/28/97	0	1	
DINO0171	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/81-05/18/81	0	1	
DINO0173	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/81-09/30/81	0	1	
DINO0174	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/20/81-06/20/81	0	1	
DINO0176	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/22/81-04/22/81	0	1	
DINO0177	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/21/81-06/21/81	0	1	
DINO0178	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/81-08/07/81	0	1	
DINO0181	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/81-10/02/81	0	1	
DINO0185	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/21/98-05/21/98	0	1	
DINO0189	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/97-08/18/97	0	1	
DINO0190	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/81-05/20/81	0	1	
DINO0191	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/08/81-08/08/81	0	1	
DINO0192	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/97-08/18/97	0	1	
DINO0195	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/81-04/23/81	0	1	
DINO0197	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/16/98-07/16/98	0	1	
DINO0199	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/20/98-06/20/98	0	1	
DINO0201	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	0	1	
DINO0204	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/22/80-10/22/80	0	1	
DINO0209	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	21	252	T,A
DINO0210	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/97-08/19/97	0	1	
DINO0212	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/24/81-04/24/81	0	1	
DINO0213	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/22/97-07/14/98	0	2	
DINO0214	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/21/81-05/21/81	0	1	
DINO0215	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/81-10/02/81	0	1	
DINO0216	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/98-08/06/98	0	1	
DINO0221	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/11/98-06/11/98	0	1	
DINO0223	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/19/98-06/19/98	0	1	
DINO0226	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/98-06/12/98	0	1	
DINO0227	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/03/79-05/26/81	1	2	
DINO0228	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/81-05/27/81	0	1	
DINO0231	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/98-12/16/99	1	6	
DINO0232	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-01/07/99	16	47	
DINO0233	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	21	122	T
DINO0237	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/05/79-10/05/79	0	1	
DINO0243	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/28/92	11	8	
DINO0244	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	0	1	
DINO0245	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	0	1	
DINO0248	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/21/80-10/28/92	12	95	
DINO0251	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	0	1	
DINO0253	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	0	1	
DINO0254	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	0	1	
DINO0256	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/27/82-04/27/82	0	1	
DINO0007	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/96-11/08/96	0	4	
DINO0008	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/08/50-11/08/50	0	1	
DINO0012	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/68-04/21/92	24	131	T,S
DINO0014	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	0	1	
DINO0015	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	0	1	
DINO0016	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	21	97	
DINO0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/78-08/10/78	0	1	
DINO0021	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/78-08/16/78	0	1	
DINO0026	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/17/76-08/17/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0034	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/76-08/18/76	0	1	
DINO0035	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/77-09/25/77	0	1	
DINO0037	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	0	1	
DINO0042	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/77-09/21/77	0	1	
DINO0043	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/78-08/08/78	0	1	
DINO0046	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0048	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/78-08/13/78	0	1	
DINO0049	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	0	1	
DINO0059	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	0	1	
DINO0060	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/77-09/25/77	0	1	
DINO0061	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/76-08/19/76	0	1	
DINO0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0070	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0074	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/78-08/04/78	0	1	
DINO0077	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/78-07/29/78	0	1	
DINO0080	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/78-08/15/78	0	1	
DINO0089	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/72-10/19/72	0	1	
DINO0097	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	0	1	
DINO0098	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	0	1	
DINO0099	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0101	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/83-09/06/83	0	1	
DINO0103	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/29/82-07/27/82	0	3	
DINO0105	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/30/58-05/09/73	14	2	
DINO0106	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/78-08/08/78	0	1	
DINO0107	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/76-08/19/76	0	1	
DINO0108	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/16/47-09/18/48	1	2	
DINO0111	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/78-08/04/78	0	1	
DINO0120	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/83-09/07/83	0	1	
DINO0121	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/48-09/18/48	0	1	
DINO0123	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	0	1	
DINO0125	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0130	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/67-09/13/67	0	1	
DINO0131	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/18/73-05/18/73	0	1	
DINO0134	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	0	1	
DINO0135	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/78-08/09/78	0	1	
DINO0137	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/78-08/16/78	0	1	
DINO0138	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/78-08/16/78	0	1	
DINO0139	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/78-08/02/78	0	1	
DINO0143	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-09/13/77	0	5	
DINO0144	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/71-05/05/82	10	57	
DINO0145	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/78-07/02/78	0	1	
DINO0146	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/18/77-06/22/77	0	3	
DINO0148	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0150	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/78-08/31/78	0	2	
DINO0152	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	0	1	
DINO0153	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/65-07/30/68	2	2	
DINO0157	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/83-10/25/83	0	1	
DINO0160	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/78-10/26/82	4	5	
DINO0161	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/65-06/13/68	2	2	
DINO0162	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/78-08/08/78	0	1	
DINO0167	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0168	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/69-09/24/69	0	1	
DINO0169	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0172	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/48-09/19/48	0	1	
DINO0175	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/78-08/10/78	0	1	
DINO0179	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/31/68-07/31/68	0	1	
DINO0180	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/70-05/21/70	0	1	
DINO0182	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/78-08/15/78	0	1	
DINO0183	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/78-08/04/78	0	1	
DINO0184	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/68-07/31/68	0	2	
DINO0186	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/77-09/14/77	0	1	
DINO0187	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/09/73-05/09/73	0	1	
DINO0188	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	0	1	
DINO0193	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/67-09/12/67	0	1	
DINO0194	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0198	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/70-05/21/70	0	1	
DINO0200	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/78-08/10/78	0	1	
DINO0203	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/48-09/08/83	34	2	
DINO0205	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	0	1	
DINO0208	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	34	455	T,A,S
DINO0209	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	23	300	T,A,S
DINO0220	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	11/18/58-11/18/58	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0222	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/53-10/27/53	0	1	
DINO0224	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/58-07/12/58	0	1	
DINO0230	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/04/75-09/21/77	2	9	
DINO0232	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/81-08/21/84	2	8	
DINO0233	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	18	126	
DINO0234	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/89-06/28/89	0	1	
DINO0235	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/88-06/27/89	0	2	
DINO0236	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/78-07/30/78	0	1	
DINO0238	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/86-08/28/91	5	2	
DINO0239	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	8	27	
DINO0240	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/86-10/23/91	5	3	
DINO0241	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	8	25	
DINO0242	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/88-11/30/88	0	1	
DINO0243	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	6	35	
DINO0244	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	6	28	
DINO0245	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/81-06/04/85	3	11	
DINO0246	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/89-06/28/89	0	1	
DINO0248	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	12	120	
DINO0249	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/86-09/27/89	3	7	
DINO0250	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/88-07/30/91	3	2	
DINO0251	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	6	35	
DINO0252	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	8	35	
DINO0253	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	6	35	
DINO0254	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	6	34	
DINO0255	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/86-08/20/96	9	37	
DINO0256	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/82-04/27/82	0	1	
DINO0257	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/78-07/29/78	0	1	
DINO0258	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/78-07/29/78	0	1	
DINO0259	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/78-08/08/78	0	1	
DINO0150	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/14/85-08/14/85	0	1	
DINO0209	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	14	128	
DINO0233	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-06/12/96	11	84	
DINO0243	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	2	11	
DINO0244	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	2	7	
DINO0245	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/13/84-06/04/85	0	2	
DINO0248	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/24/84-10/28/92	8	67	
DINO0251	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	2	8	
DINO0253	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	2	11	
DINO0254	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	2	10	
DINO0003	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/81-08/18/81	0	1	
DINO0005	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/81-06/24/81	0	2	
DINO0006	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/23/81-04/23/81	0	1	
DINO0009	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/81-10/06/81	0	4	
DINO0010	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/22/81-04/22/81	0	1	
DINO0011	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/23/81-06/23/81	0	1	
DINO0017	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/80-07/31/80	0	1	
DINO0018	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/98-07/01/98	0	1	
DINO0020	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/98-08/03/98	0	1	
DINO0022	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/98-07/01/98	0	1	
DINO0023	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/97-07/30/97	0	1	
DINO0024	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/81-04/16/81	0	1	
DINO0025	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/98-07/02/98	0	1	
DINO0028	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/16/81-06/16/81	0	1	
DINO0029	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/98-07/02/98	0	1	
DINO0030	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/98-07/02/98	0	1	
DINO0031	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/17/81-06/17/81	0	1	
DINO0032	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/97-07/30/97	0	1	
DINO0036	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/29/97-07/29/97	0	1	
DINO0038	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/29/97-07/29/97	0	1	
DINO0039	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/81-09/10/81	0	2	
DINO0040	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/81-05/15/81	0	1	
DINO0041	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/03/98-07/03/98	0	1	
DINO0044	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/97-08/14/97	0	1	
DINO0045	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/97-08/08/97	0	1	
DINO0047	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/03/98-07/03/98	0	1	
DINO0050	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/13/97-08/13/97	0	1	
DINO0051	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/03/98-07/03/98	0	1	
DINO0052	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/09/97-08/09/97	0	1	
DINO0054	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/04/98-07/04/98	0	1	
DINO0055	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/81-04/17/81	0	1	
DINO0056	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/04/98-07/04/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0057	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/13/97-08/13/97	0	1	
DINO0058	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/21/97-08/21/97	0	1	
DINO0062	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/16/81-05/16/81	0	1	
DINO0063	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	0	1	
DINO0066	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/97-05/22/98	0	2	
DINO0067	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/97-05/22/98	0	2	
DINO0068	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/80-07/31/80	0	1	
DINO0069	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/97-05/22/98	0	2	
DINO0071	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/97-08/07/97	0	1	
DINO0072	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	0	1	
DINO0073	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	0	1	
DINO0075	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	0	1	
DINO0076	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/97-08/03/97	0	1	
DINO0078	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	0	1	
DINO0079	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/97-05/22/98	0	2	
DINO0081	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/15/97-08/15/97	0	1	
DINO0082	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/81-09/11/81	0	2	
DINO0083	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/97-08/18/97	0	1	
DINO0084	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/97-09/20/97	0	1	
DINO0085	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	0	1	
DINO0086	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	0	1	
DINO0088	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/04/98-07/04/98	0	1	
DINO0090	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/97-09/20/97	0	1	
DINO0091	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/97-08/03/97	0	1	
DINO0092	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/97-08/07/97	0	1	
DINO0093	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/18/81-06/18/81	0	1	
DINO0094	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/97-08/07/97	0	1	
DINO0095	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/97-08/07/97	0	1	
DINO0100	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/98-07/13/98	0	1	
DINO0104	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/97-08/04/97	0	1	
DINO0109	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/97-08/04/97	0	1	
DINO0110	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/97-07/12/98	0	2	
DINO0112	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/98-06/15/98	0	1	
DINO0113	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/97-07/13/98	0	2	
DINO0114	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/98-08/04/98	0	1	
DINO0115	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/21/81-09/29/81	0	2	
DINO0116	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/98-08/04/98	0	1	
DINO0117	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/98-08/05/98	0	1	
DINO0118	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/17/81-08/05/81	0	3	
DINO0119	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/25/98-07/25/98	0	1	
DINO0122	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/98-06/15/98	0	1	
DINO0124	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/81-08/06/81	0	1	
DINO0126	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/16/98-06/16/98	0	1	
DINO0127	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	0	1	
DINO0129	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	0	1	
DINO0136	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	0	1	
DINO0140	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/26/98-07/26/98	0	1	
DINO0141	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/18/81-05/18/81	0	1	
DINO0142	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	0	1	
DINO0147	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	0	1	
DINO0158	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	0	1	
DINO0159	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-07/13/98	0	2	
DINO0163	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	0	1	
DINO0164	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	0	1	
DINO0165	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	0	1	
DINO0166	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	0	1	
DINO0170	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/97-07/28/97	0	1	
DINO0171	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/18/81-05/18/81	0	1	
DINO0173	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/30/81-09/30/81	0	1	
DINO0174	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/20/81-06/20/81	0	1	
DINO0176	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/22/81-04/22/81	0	1	
DINO0177	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/21/81-06/21/81	0	1	
DINO0178	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/81-08/07/81	0	1	
DINO0181	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/81-10/02/81	0	1	
DINO0185	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/21/98-05/21/98	0	1	
DINO0189	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/97-08/18/97	0	1	
DINO0190	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/81-05/20/81	0	1	
DINO0191	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/81-08/08/81	0	1	
DINO0192	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/97-08/18/97	0	1	
DINO0195	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/23/81-04/23/81	0	1	
DINO0197	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/16/98-07/16/98	0	1	
DINO0199	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/20/98-06/20/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0201	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/26/98-06/26/98	0	1	
DINO0202	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	0	1	
DINO0204	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/97-08/19/97	0	1	
DINO0206	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/22/97-09/22/97	0	1	
DINO0207	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/97-08/19/97	0	1	
DINO0210	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/97-08/19/97	0	1	
DINO0211	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/97-08/19/97	0	1	
DINO0212	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/24/81-04/24/81	0	1	
DINO0213	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/22/97-07/14/98	0	2	
DINO0214	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/21/81-05/21/81	0	1	
DINO0215	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/81-10/02/81	0	1	
DINO0216	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/27/98-06/27/98	0	1	
DINO0218	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/28/98-06/28/98	0	1	
DINO0219	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/98-08/06/98	0	1	
DINO0221	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/98-06/11/98	0	1	
DINO0223	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/19/98-06/19/98	0	1	
DINO0226	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/98-06/12/98	0	1	
DINO0227	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/03/79-10/03/79	0	1	
DINO0228	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/81-05/27/81	0	1	
DINO0237	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/79-10/05/79	0	1	
DINO0012	Yes	00300	OXYGEN, DISSOLVED MG/L	03/13/73-04/21/92	19	97	
DINO0016	Yes	00300	OXYGEN, DISSOLVED MG/L	08/26/75-03/20/97	21	4	
DINO0026	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/76-08/17/76	0	1	
DINO0034	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	1	
DINO0061	Yes	00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	0	1	
DINO0107	Yes	00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	0	1	
DINO0143	Yes	00300	OXYGEN, DISSOLVED MG/L	04/25/77-04/25/77	0	1	
DINO0150	No	00300	OXYGEN, DISSOLVED MG/L	08/31/78-10/01/96	18	34	
DINO0151	No	00300	OXYGEN, DISSOLVED MG/L	05/19/71-04/13/72	0	12	
DINO0153	No	00300	OXYGEN, DISSOLVED MG/L	09/10/65-09/10/65	0	1	
DINO0154	No	00300	OXYGEN, DISSOLVED MG/L	05/19/71-04/13/72	0	12	
DINO0155	No	00300	OXYGEN, DISSOLVED MG/L	05/19/71-04/13/72	0	12	
DINO0156	No	00300	OXYGEN, DISSOLVED MG/L	05/19/71-04/13/72	0	12	
DINO0160	No	00300	OXYGEN, DISSOLVED MG/L	08/31/78-10/01/96	18	13	
DINO0161	No	00300	OXYGEN, DISSOLVED MG/L	09/10/65-09/10/65	0	1	
DINO0208	Yes	00300	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	22	205	T,A,S
DINO0209	Yes	00300	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	23	251	T,A,S
DINO0230	No	00300	OXYGEN, DISSOLVED MG/L	05/04/77-09/21/77	0	3	
DINO0231	No	00300	OXYGEN, DISSOLVED MG/L	01/06/98-12/16/99	1	6	
DINO0232	No	00300	OXYGEN, DISSOLVED MG/L	06/08/82-01/07/99	16	47	
DINO0233	No	00300	OXYGEN, DISSOLVED MG/L	04/11/78-12/16/99	21	120	T
DINO0238	No	00300	OXYGEN, DISSOLVED MG/L	06/23/86-08/26/86	0	2	
DINO0239	No	00300	OXYGEN, DISSOLVED MG/L	04/05/88-07/27/88	0	3	
DINO0240	No	00300	OXYGEN, DISSOLVED MG/L	06/23/86-08/26/86	0	2	
DINO0241	No	00300	OXYGEN, DISSOLVED MG/L	04/05/88-07/27/88	0	2	
DINO0243	No	00300	OXYGEN, DISSOLVED MG/L	10/28/92-10/28/92	0	1	
DINO0248	No	00300	OXYGEN, DISSOLVED MG/L	03/20/80-10/28/92	12	84	
DINO0249	No	00300	OXYGEN, DISSOLVED MG/L	06/24/86-08/27/86	0	2	
DINO0252	No	00300	OXYGEN, DISSOLVED MG/L	04/05/88-07/27/88	0	2	
DINO0255	No	00300	OXYGEN, DISSOLVED MG/L	06/23/86-07/27/88	2	4	
DINO0256	No	00300	OXYGEN, DISSOLVED MG/L	04/27/82-04/27/82	0	1	
DINO0012	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/13/73-04/21/92	19	96	
DINO0012	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/68-12/06/88	20	76	
DINO0149	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/77-06/08/78	0	2	
DINO0150	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/77-10/01/96	19	10	
DINO0151	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/19/71-04/13/72	0	12	
DINO0154	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/19/71-04/13/72	0	12	
DINO0155	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/19/71-04/13/72	0	12	
DINO0156	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/19/71-04/13/72	0	12	
DINO0160	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/77-06/03/81	3	6	
DINO0209	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	12	119	
DINO0233	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/30/78-10/30/79	1	6	
DINO0149	No	00335	COD, .025N K2CR2O7 MG/L	08/04/77-08/04/77	0	1	
DINO0150	No	00335	COD, .025N K2CR2O7 MG/L	08/04/77-08/30/79	2	2	
DINO0160	No	00335	COD, .025N K2CR2O7 MG/L	08/04/77-10/26/82	5	8	
DINO0209	Yes	00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	14	199	
DINO0233	No	00335	COD, .025N K2CR2O7 MG/L	08/30/78-06/26/90	11	86	
DINO0243	No	00335	COD, .025N K2CR2O7 MG/L	03/11/81-04/17/81	0	2	
DINO0244	No	00335	COD, .025N K2CR2O7 MG/L	03/11/81-03/11/81	0	1	
DINO0248	No	00335	COD, .025N K2CR2O7 MG/L	02/21/80-06/27/90	10	79	
DINO0251	No	00335	COD, .025N K2CR2O7 MG/L	03/11/81-04/17/81	0	2	
DINO0253	No	00335	COD, .025N K2CR2O7 MG/L	03/10/81-04/17/81	0	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0254	No	00335	COD, .025N K2CR2O7 MG/L	03/10/81-04/17/81	0	2	
DINO0256	No	00335	COD, .025N K2CR2O7 MG/L	04/27/82-04/27/82	0	1	
DINO0004	No	00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	1	5	
DINO0027	Yes	00340	COD, .25N K2CR2O7 MG/L	05/15/79-07/15/79	0	3	
DINO0033	Yes	00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	1	5	
DINO0065	Yes	00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	1	5	
DINO0096	Yes	00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	1	4	
DINO0128	Yes	00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	1	5	
DINO0196	Yes	00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	1	5	
DINO0014	Yes	00400	PH (STANDARD UNITS)	09/19/77-09/19/77	0	1	
DINO0015	Yes	00400	PH (STANDARD UNITS)	09/19/77-09/19/77	0	1	
DINO0016	Yes	00400	PH (STANDARD UNITS)	08/26/75-03/20/97	21	4	
DINO0019	No	00400	PH (STANDARD UNITS)	08/10/78-08/10/78	0	1	
DINO0021	Yes	00400	PH (STANDARD UNITS)	08/16/78-08/16/78	0	1	
DINO0026	Yes	00400	PH (STANDARD UNITS)	08/17/76-08/17/76	0	1	
DINO0034	Yes	00400	PH (STANDARD UNITS)	08/18/76-08/18/76	0	1	
DINO0035	No	00400	PH (STANDARD UNITS)	09/25/77-09/25/77	0	1	
DINO0037	Yes	00400	PH (STANDARD UNITS)	09/22/77-09/22/77	0	1	
DINO0042	No	00400	PH (STANDARD UNITS)	09/21/77-09/21/77	0	1	
DINO0043	No	00400	PH (STANDARD UNITS)	08/08/78-08/08/78	0	1	
DINO0046	No	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0048	No	00400	PH (STANDARD UNITS)	08/13/78-08/13/78	0	1	
DINO0049	Yes	00400	PH (STANDARD UNITS)	09/19/77-09/19/77	0	1	
DINO0059	No	00400	PH (STANDARD UNITS)	09/19/77-09/19/77	0	1	
DINO0060	No	00400	PH (STANDARD UNITS)	09/25/77-09/25/77	0	1	
DINO0061	Yes	00400	PH (STANDARD UNITS)	08/19/76-08/19/76	0	1	
DINO0064	No	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0070	No	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0074	No	00400	PH (STANDARD UNITS)	08/04/78-08/04/78	0	1	
DINO0077	Yes	00400	PH (STANDARD UNITS)	07/29/78-07/29/78	0	1	
DINO0080	No	00400	PH (STANDARD UNITS)	08/15/78-08/15/78	0	1	
DINO0089	No	00400	PH (STANDARD UNITS)	10/19/72-10/19/72	0	1	
DINO0097	No	00400	PH (STANDARD UNITS)	09/19/77-09/19/77	0	1	
DINO0098	Yes	00400	PH (STANDARD UNITS)	09/22/77-09/22/77	0	1	
DINO0099	No	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0101	Yes	00400	PH (STANDARD UNITS)	09/06/83-09/06/83	0	1	
DINO0105	No	00400	PH (STANDARD UNITS)	09/30/58-05/09/73	14	2	
DINO0106	No	00400	PH (STANDARD UNITS)	08/08/78-08/08/78	0	1	
DINO0107	Yes	00400	PH (STANDARD UNITS)	08/19/76-08/19/76	0	1	
DINO0111	Yes	00400	PH (STANDARD UNITS)	08/04/78-08/04/78	0	1	
DINO0120	Yes	00400	PH (STANDARD UNITS)	09/07/83-09/07/83	0	1	
DINO0123	Yes	00400	PH (STANDARD UNITS)	09/22/77-09/22/77	0	1	
DINO0125	No	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0130	Yes	00400	PH (STANDARD UNITS)	09/13/67-09/13/67	0	1	
DINO0131	No	00400	PH (STANDARD UNITS)	05/18/73-05/18/73	0	1	
DINO0134	No	00400	PH (STANDARD UNITS)	09/22/77-09/22/77	0	1	
DINO0135	No	00400	PH (STANDARD UNITS)	08/09/78-08/09/78	0	1	
DINO0137	No	00400	PH (STANDARD UNITS)	08/16/78-08/16/78	0	1	
DINO0138	No	00400	PH (STANDARD UNITS)	08/16/78-08/16/78	0	1	
DINO0139	No	00400	PH (STANDARD UNITS)	08/02/78-08/02/78	0	1	
DINO0148	Yes	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0149	No	00400	PH (STANDARD UNITS)	08/04/77-06/08/78	0	2	
DINO0150	No	00400	PH (STANDARD UNITS)	08/04/77-09/01/82	5	6	
DINO0152	Yes	00400	PH (STANDARD UNITS)	09/22/77-09/22/77	0	1	
DINO0153	No	00400	PH (STANDARD UNITS)	09/10/65-07/30/68	2	2	
DINO0157	No	00400	PH (STANDARD UNITS)	10/25/83-10/25/83	0	1	
DINO0160	No	00400	PH (STANDARD UNITS)	08/04/77-08/30/79	2	4	
DINO0161	No	00400	PH (STANDARD UNITS)	09/10/65-06/13/68	2	2	
DINO0162	No	00400	PH (STANDARD UNITS)	08/08/78-08/08/78	0	1	
DINO0167	Yes	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0168	Yes	00400	PH (STANDARD UNITS)	09/24/69-09/24/69	0	1	
DINO0169	Yes	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0175	No	00400	PH (STANDARD UNITS)	08/10/78-08/10/78	0	1	
DINO0179	No	00400	PH (STANDARD UNITS)	07/31/68-07/31/68	0	1	
DINO0180	No	00400	PH (STANDARD UNITS)	05/21/70-05/21/70	0	1	
DINO0182	Yes	00400	PH (STANDARD UNITS)	08/15/78-08/15/78	0	1	
DINO0183	Yes	00400	PH (STANDARD UNITS)	08/04/78-08/04/78	0	1	
DINO0184	Yes	00400	PH (STANDARD UNITS)	06/11/68-07/31/68	0	2	
DINO0186	No	00400	PH (STANDARD UNITS)	09/14/77-09/14/77	0	1	
DINO0187	No	00400	PH (STANDARD UNITS)	05/09/73-05/09/73	0	1	
DINO0188	No	00400	PH (STANDARD UNITS)	09/19/77-09/19/77	0	1	
DINO0193	Yes	00400	PH (STANDARD UNITS)	09/12/67-09/12/67	0	1	

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Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0194	Yes	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0198	Yes	00400	PH (STANDARD UNITS)	05/21/70-05/21/70	0	1	
DINO0200	Yes	00400	PH (STANDARD UNITS)	08/10/78-08/10/78	0	1	
DINO0203	Yes	00400	PH (STANDARD UNITS)	09/08/83-09/08/83	0	1	
DINO0205	No	00400	PH (STANDARD UNITS)	09/24/77-09/24/77	0	1	
DINO0208	Yes	00400	PH (STANDARD UNITS)	04/20/62-08/21/96	34	448	T,A,S
DINO0209	Yes	00400	PH (STANDARD UNITS)	02/24/76-12/15/99	23	225	T,A,S
DINO0220	Yes	00400	PH (STANDARD UNITS)	11/18/58-11/18/58	0	1	
DINO0222	Yes	00400	PH (STANDARD UNITS)	05/04/50-10/27/53	3	2	
DINO0224	Yes	00400	PH (STANDARD UNITS)	07/12/58-10/01/58	0	2	
DINO0230	No	00400	PH (STANDARD UNITS)	02/04/75-08/27/75	0	3	
DINO0233	No	00400	PH (STANDARD UNITS)	08/30/78-06/12/96	17	77	
DINO0234	No	00400	PH (STANDARD UNITS)	06/28/89-06/28/89	0	1	
DINO0235	No	00400	PH (STANDARD UNITS)	07/26/88-06/27/89	0	2	
DINO0236	No	00400	PH (STANDARD UNITS)	07/30/78-07/30/78	0	1	
DINO0238	No	00400	PH (STANDARD UNITS)	06/23/86-08/28/91	5	3	
DINO0239	No	00400	PH (STANDARD UNITS)	04/05/88-08/20/96	8	27	
DINO0240	No	00400	PH (STANDARD UNITS)	06/23/86-10/24/88	2	4	
DINO0241	No	00400	PH (STANDARD UNITS)	04/05/88-08/20/96	8	23	
DINO0242	No	00400	PH (STANDARD UNITS)	11/30/88-11/30/88	0	1	
DINO0243	No	00400	PH (STANDARD UNITS)	03/25/87-03/25/87	0	1	
DINO0244	No	00400	PH (STANDARD UNITS)	03/25/87-03/25/87	0	1	
DINO0246	No	00400	PH (STANDARD UNITS)	06/28/89-06/28/89	0	1	
DINO0248	No	00400	PH (STANDARD UNITS)	10/29/86-10/28/92	5	40	
DINO0249	No	00400	PH (STANDARD UNITS)	06/24/86-09/27/89	3	9	
DINO0250	No	00400	PH (STANDARD UNITS)	08/11/87-04/06/88	0	2	
DINO0251	No	00400	PH (STANDARD UNITS)	03/25/87-03/25/87	0	1	
DINO0252	No	00400	PH (STANDARD UNITS)	04/05/88-08/20/96	8	35	
DINO0253	No	00400	PH (STANDARD UNITS)	09/25/86-03/25/87	0	2	
DINO0254	No	00400	PH (STANDARD UNITS)	03/25/87-03/25/87	0	1	
DINO0255	No	00400	PH (STANDARD UNITS)	06/23/86-08/20/96	10	39	
DINO0257	No	00400	PH (STANDARD UNITS)	07/29/78-07/29/78	0	1	
DINO0258	No	00400	PH (STANDARD UNITS)	07/29/78-07/29/78	0	1	
DINO0259	No	00400	PH (STANDARD UNITS)	08/08/78-08/08/78	0	1	
DINO0016	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/83-11/08/96	13	4	
DINO0101	Yes	00403	PH, LAB, STANDARD UNITS SU	09/06/83-09/06/83	0	1	
DINO0120	Yes	00403	PH, LAB, STANDARD UNITS SU	09/07/83-09/07/83	0	1	
DINO0157	No	00403	PH, LAB, STANDARD UNITS SU	10/25/83-10/25/83	0	1	
DINO0203	Yes	00403	PH, LAB, STANDARD UNITS SU	09/08/83-09/08/83	0	1	
DINO0208	Yes	00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	11	114	
DINO0235	No	00403	PH, LAB, STANDARD UNITS SU	07/26/88-07/26/88	0	1	
DINO0239	No	00403	PH, LAB, STANDARD UNITS SU	04/05/88-05/16/96	8	12	
DINO0240	No	00403	PH, LAB, STANDARD UNITS SU	08/21/91-08/21/91	0	1	
DINO0241	No	00403	PH, LAB, STANDARD UNITS SU	04/05/88-05/16/96	8	12	
DINO0242	No	00403	PH, LAB, STANDARD UNITS SU	11/30/88-11/30/88	0	1	
DINO0249	No	00403	PH, LAB, STANDARD UNITS SU	04/05/88-03/22/89	0	2	
DINO0250	No	00403	PH, LAB, STANDARD UNITS SU	08/11/87-04/06/88	0	2	
DINO0252	No	00403	PH, LAB, STANDARD UNITS SU	04/05/88-05/16/96	8	22	
DINO0255	No	00403	PH, LAB, STANDARD UNITS SU	04/05/88-05/16/96	8	24	
DINO0089	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/72-10/19/72	0	1	
DINO0105	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/30/58-05/09/73	14	2	
DINO0131	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/18/73-05/18/73	0	1	
DINO0150	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/78-08/14/85	6	3	
DINO0153	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/10/65-09/10/65	0	1	
DINO0160	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/78-10/26/82	4	6	
DINO0161	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/10/65-09/10/65	0	1	
DINO0187	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/09/73-05/09/73	0	1	
DINO0208	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	16	268	A
DINO0209	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	23	315	T,A,S
DINO0222	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/04/50-05/04/50	0	1	
DINO0230	No	00405	CARBON DIOXIDE (MG/L AS CO2)	02/04/75-08/27/75	0	6	
DINO0232	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/07/81-10/07/81	0	1	
DINO0233	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	17	125	
DINO0243	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	6	35	
DINO0244	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	6	28	
DINO0245	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/09/81-06/04/85	3	11	
DINO0248	No	00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	12	120	
DINO0251	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	6	35	
DINO0253	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	6	35	
DINO0254	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	6	34	
DINO0256	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/27/82-04/27/82	0	1	
DINO0012	Yes	00406	PH, FIELD, STANDARD UNITS SU	03/27/68-04/21/92	24	127	T,S

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0017	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/80-07/31/80	0	1	
DINO0018	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/01/98-07/01/98	0	1	
DINO0020	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/98-08/03/98	0	1	
DINO0022	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/01/98-07/01/98	0	1	
DINO0023	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/30/97-07/30/97	0	1	
DINO0025	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/02/98-07/02/98	0	1	
DINO0029	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/02/98-07/02/98	0	1	
DINO0030	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/02/98-07/02/98	0	1	
DINO0032	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/30/97-07/30/97	0	1	
DINO0036	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/29/97-07/29/97	0	1	
DINO0038	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/29/97-07/29/97	0	1	
DINO0041	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/98-07/03/98	0	1	
DINO0044	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/14/97-08/14/97	0	1	
DINO0045	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/08/97-08/08/97	0	1	
DINO0047	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/98-07/03/98	0	1	
DINO0050	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/13/97-08/13/97	0	1	
DINO0051	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/98-07/03/98	0	1	
DINO0052	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/09/97-08/09/97	0	1	
DINO0053	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/09/97-08/09/97	0	1	
DINO0054	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/04/98-07/04/98	0	1	
DINO0056	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/04/98-07/04/98	0	1	
DINO0057	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/13/97-08/13/97	0	1	
DINO0058	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/21/97-08/21/97	0	1	
DINO0063	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	0	1	
DINO0066	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/14/97-05/22/98	0	2	
DINO0067	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/14/97-05/22/98	0	2	
DINO0068	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/80-07/31/80	0	1	
DINO0069	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/14/97-05/22/98	0	2	
DINO0071	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/07/97-08/07/97	0	1	
DINO0072	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	0	1	
DINO0073	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	0	1	
DINO0075	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	0	1	
DINO0076	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/97-08/03/97	0	1	
DINO0078	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	0	1	
DINO0079	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/18/97-05/22/98	0	2	
DINO0081	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/15/97-08/15/97	0	1	
DINO0083	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/18/97-08/18/97	0	1	
DINO0084	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/20/97-09/20/97	0	1	
DINO0085	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	0	1	
DINO0086	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	0	1	
DINO0088	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/04/98-07/04/98	0	1	
DINO0090	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/20/97-09/20/97	0	1	
DINO0091	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/97-08/03/97	0	1	
DINO0092	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/07/97-08/07/97	0	1	
DINO0094	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/07/97-08/07/97	0	1	
DINO0095	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/07/97-08/07/97	0	1	
DINO0100	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/13/98-07/13/98	0	1	
DINO0102	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	0	1	
DINO0104	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	0	1	
DINO0109	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	0	1	
DINO0110	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/12/98-07/12/98	0	1	
DINO0112	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/15/98-06/15/98	0	1	
DINO0113	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/97-07/13/98	0	2	
DINO0114	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/98-08/04/98	0	1	
DINO0116	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/98-08/04/98	0	1	
DINO0117	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/05/98-08/05/98	0	1	
DINO0119	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/25/98-07/25/98	0	1	
DINO0122	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/15/98-06/15/98	0	1	
DINO0126	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/16/98-06/16/98	0	1	
DINO0127	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	0	1	
DINO0129	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	0	1	
DINO0132	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	0	1	
DINO0133	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	0	1	
DINO0136	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	0	1	
DINO0140	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/26/98-07/26/98	0	1	
DINO0142	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	0	1	
DINO0143	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/25/77-09/13/77	0	4	
DINO0146	No	00406	PH, FIELD, STANDARD UNITS SU	05/19/77-06/22/77	0	2	
DINO0147	No	00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	0	1	
DINO0149	No	00406	PH, FIELD, STANDARD UNITS SU	06/08/78-06/08/78	0	1	
DINO0150	No	00406	PH, FIELD, STANDARD UNITS SU	06/08/78-10/01/96	18	38	
DINO0158	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0159	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/05/97-07/13/98	0	2	
DINO0160	No	00406	PH, FIELD, STANDARD UNITS SU	06/08/78-10/01/96	18	16	
DINO0163	No	00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	0	1	
DINO0164	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	0	1	
DINO0165	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	0	1	
DINO0166	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	0	1	
DINO0170	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/97-07/28/97	0	1	
DINO0185	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/21/98-05/21/98	0	1	
DINO0189	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/18/97-08/18/97	0	1	
DINO0192	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/18/97-08/18/97	0	1	
DINO0197	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/16/98-07/16/98	0	1	
DINO0199	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/20/98-06/20/98	0	1	
DINO0201	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/26/98-06/26/98	0	1	
DINO0204	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/19/97-08/19/97	0	1	
DINO0206	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/22/97-09/22/97	0	1	
DINO0207	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/19/97-08/19/97	0	1	
DINO0209	Yes	00406	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	23	252	T,A,S
DINO0210	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/19/97-08/19/97	0	1	
DINO0211	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/19/97-08/19/97	0	1	
DINO0213	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/22/97-07/14/98	0	2	
DINO0216	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/27/98-06/27/98	0	1	
DINO0217	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/27/98-06/27/98	0	1	
DINO0218	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/28/98-06/28/98	0	1	
DINO0219	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/06/98-08/06/98	0	1	
DINO0221	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/11/98-06/11/98	0	1	
DINO0223	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/19/98-06/19/98	0	1	
DINO0226	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/12/98-06/12/98	0	1	
DINO0230	No	00406	PH, FIELD, STANDARD UNITS SU	05/04/77-09/21/77	0	5	
DINO0231	No	00406	PH, FIELD, STANDARD UNITS SU	01/06/98-12/16/99	1	6	
DINO0232	No	00406	PH, FIELD, STANDARD UNITS SU	06/08/82-01/07/99	16	47	
DINO0233	No	00406	PH, FIELD, STANDARD UNITS SU	04/11/78-12/16/99	21	119	
DINO0243	No	00406	PH, FIELD, STANDARD UNITS SU	10/28/92-10/28/92	0	1	
DINO0248	No	00406	PH, FIELD, STANDARD UNITS SU	03/20/80-10/28/92	12	84	
DINO0256	No	00406	PH, FIELD, STANDARD UNITS SU	04/27/82-04/27/82	0	1	
DINO0008	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/50-11/08/50	0	1	
DINO0012	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/06/78-04/21/92	14	66	
DINO0018	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/98-07/01/98	0	1	
DINO0020	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/98-08/03/98	0	1	
DINO0022	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/97-07/30/97	0	1	
DINO0025	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	0	1	
DINO0029	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	0	1	
DINO0032	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/97-07/29/97	0	1	
DINO0041	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	0	1	
DINO0044	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	0	1	
DINO0050	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/97-08/13/97	0	1	
DINO0051	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	0	1	
DINO0052	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/97-08/09/97	0	1	
DINO0054	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/98-07/04/98	0	1	
DINO0056	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/98-07/04/98	0	1	
DINO0057	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	0	2	
DINO0069	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	0	2	
DINO0071	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/97-05/22/98	0	2	
DINO0081	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/97-08/15/97	0	1	
DINO0083	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/97-09/20/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0085	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0088	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/98-07/04/98	0	1	
DINO0089	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/72-10/19/72	0	1	
DINO0090	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/13/98-07/13/98	0	1	
DINO0102	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	0	1	
DINO0105	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/58-05/09/73	14	2	
DINO0108	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/47-09/18/48	1	2	
DINO0109	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-07/12/98	0	2	
DINO0112	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/98-08/04/98	0	1	
DINO0116	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/98-08/05/98	0	1	
DINO0119	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/98-07/25/98	0	1	
DINO0120	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/83-09/07/83	0	1	
DINO0121	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/48-09/18/48	0	1	
DINO0122	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/98-06/15/98	0	1	
DINO0126	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/98-06/16/98	0	1	
DINO0127	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0131	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/18/73-05/18/73	0	1	
DINO0132	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	0	1	
DINO0136	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0140	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/26/98-07/26/98	0	1	
DINO0142	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0147	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0150	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/78-08/14/85	6	2	
DINO0151	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	0	12	
DINO0153	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/65-07/30/68	2	2	
DINO0154	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	0	12	
DINO0155	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	0	12	
DINO0156	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	0	12	
DINO0157	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/83-10/25/83	0	1	
DINO0158	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-07/13/98	0	2	
DINO0160	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/78-10/26/82	4	5	
DINO0161	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/65-06/13/68	2	2	
DINO0163	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0168	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/24/69-09/24/69	0	1	
DINO0170	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/28/97-07/28/97	0	1	
DINO0172	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/48-09/19/48	0	1	
DINO0179	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/68-07/31/68	0	1	
DINO0180	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/68-07/31/68	0	2	
DINO0185	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/98-05/21/98	0	1	
DINO0187	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/09/73-05/09/73	0	1	
DINO0189	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	0	1	
DINO0197	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/16/98-07/16/98	0	1	
DINO0198	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/70-05/21/70	0	1	
DINO0199	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/98-06/20/98	0	1	
DINO0201	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0203	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/48-09/08/83	34	2	
DINO0204	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	18	300	A
DINO0209	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	23	289	T,A,S
DINO0210	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0211	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/97-07/14/98	0	2	
DINO0216	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/06/98-08/06/98	0	1	
DINO0220	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/18/58-11/18/58	0	1	
DINO0221	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/98-06/11/98	0	1	
DINO0222	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/04/50-10/27/53	3	2	
DINO0223	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/98-06/19/98	0	1	
DINO0224	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/58-07/12/58	0	1	
DINO0226	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/98-06/12/98	0	1	
DINO0230	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/04/75-08/27/75	0	3	
DINO0232	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/07/81-10/07/81	0	1	
DINO0233	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	17	124	
DINO0243	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	6	35	
DINO0244	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	6	28	
DINO0245	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/81-06/04/85	3	11	
DINO0248	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	12	120	
DINO0251	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	6	35	
DINO0253	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	6	35	
DINO0254	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	6	34	
DINO0256	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/82-04/27/82	0	1	
DINO0008	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/08/50-11/08/50	0	1	
DINO0017	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/31/80-07/31/80	0	1	
DINO0089	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/19/72-10/19/72	0	1	
DINO0105	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/30/58-05/09/73	14	2	
DINO0108	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/16/47-09/18/48	1	2	
DINO0121	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/18/48-09/18/48	0	1	
DINO0130	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/13/67-09/13/67	0	1	
DINO0131	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/18/73-05/18/73	0	1	
DINO0150	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/78-08/14/85	6	2	
DINO0153	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/10/65-07/30/68	2	2	
DINO0160	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/78-10/26/82	4	5	
DINO0161	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/10/65-06/13/68	2	2	
DINO0168	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/24/69-09/24/69	0	1	
DINO0172	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/19/48-09/19/48	0	1	
DINO0179	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/31/68-07/31/68	0	1	
DINO0180	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/11/68-07/31/68	0	2	
DINO0187	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/09/73-05/09/73	0	1	
DINO0193	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/12/67-09/12/67	0	1	
DINO0198	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/21/70-05/21/70	0	1	
DINO0203	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/19/48-09/19/48	0	1	
DINO0208	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	16	280	A
DINO0209	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	23	291	T,A,S
DINO0220	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/18/58-11/18/58	0	1	
DINO0222	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/04/50-10/27/53	3	2	
DINO0224	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/12/58-07/12/58	0	1	
DINO0230	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/04/75-08/27/75	0	3	
DINO0232	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/07/81-10/07/81	0	1	
DINO0233	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	17	124	
DINO0243	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	6	35	
DINO0244	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	6	28	
DINO0245	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/09/81-06/04/85	3	11	
DINO0248	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	12	120	
DINO0251	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	6	35	
DINO0253	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	6	35	
DINO0254	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	6	34	
DINO0256	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/27/82-04/27/82	0	1	
DINO0017	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/31/80-07/31/80	0	1	
DINO0089	No	00445	CARBONATE ION (MG/L AS CO3)	10/19/72-10/19/72	0	1	
DINO0105	No	00445	CARBONATE ION (MG/L AS CO3)	09/30/58-05/09/73	14	2	
DINO0121	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/18/48-09/18/48	0	1	
DINO0130	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/13/67-09/13/67	0	1	
DINO0131	No	00445	CARBONATE ION (MG/L AS CO3)	05/18/73-05/18/73	0	1	
DINO0150	No	00445	CARBONATE ION (MG/L AS CO3)	08/14/85-08/14/85	0	1	
DINO0153	No	00445	CARBONATE ION (MG/L AS CO3)	09/10/65-07/30/68	2	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0161	No	00445	CARBONATE ION (MG/L AS CO3)	09/10/65-06/13/68	2	2	
DINO0168	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/24/69-09/24/69	0	1	
DINO0172	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/19/48-09/19/48	0	1	
DINO0179	No	00445	CARBONATE ION (MG/L AS CO3)	07/31/68-07/31/68	0	1	
DINO0180	No	00445	CARBONATE ION (MG/L AS CO3)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/11/68-07/31/68	0	2	
DINO0187	No	00445	CARBONATE ION (MG/L AS CO3)	05/09/73-05/09/73	0	1	
DINO0193	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/12/67-09/12/67	0	1	
DINO0198	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/21/70-05/21/70	0	1	
DINO0203	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/19/48-09/19/48	0	1	
DINO0208	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	16	225	A
DINO0209	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	20	174	T
DINO0220	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/18/58-11/18/58	0	1	
DINO0222	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/04/50-10/27/53	3	2	
DINO0224	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/12/58-07/12/58	0	1	
DINO0233	No	00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	16	87	
DINO0243	No	00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	2	11	
DINO0244	No	00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	2	7	
DINO0245	No	00445	CARBONATE ION (MG/L AS CO3)	06/09/81-06/04/85	3	3	
DINO0248	No	00445	CARBONATE ION (MG/L AS CO3)	07/02/80-10/28/92	12	69	
DINO0251	No	00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	2	9	
DINO0253	No	00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	2	11	
DINO0254	No	00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	2	10	
DINO0208	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	06/28/89-06/28/89	0	1	
DINO0012	Yes	00500	RESIDUE, TOTAL (MG/L)	04/03/74-09/22/75	1	8	
DINO0151	No	00500	RESIDUE, TOTAL (MG/L)	05/19/71-04/13/72	0	12	
DINO0154	No	00500	RESIDUE, TOTAL (MG/L)	05/19/71-04/13/72	0	12	
DINO0155	No	00500	RESIDUE, TOTAL (MG/L)	05/19/71-04/13/72	0	12	
DINO0156	No	00500	RESIDUE, TOTAL (MG/L)	05/19/71-04/13/72	0	12	
DINO0012	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/28/68-09/26/73	5	12	
DINO0012	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/68-04/21/92	23	112	S
DINO0017	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/80-07/31/80	0	1	
DINO0150	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/79-10/01/96	17	36	
DINO0151	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/19/71-04/13/72	0	12	
DINO0154	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/19/71-04/13/72	0	12	
DINO0155	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/19/71-04/13/72	0	12	
DINO0156	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/19/71-04/13/72	0	12	
DINO0160	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/79-11/18/92	13	9	
DINO0209	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	23	269	T,A,S
DINO0231	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/98-12/16/99	1	6	
DINO0232	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/07/81-01/07/99	17	47	
DINO0233	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	17	120	
DINO0243	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	6	33	
DINO0244	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	6	28	
DINO0245	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/81-06/04/85	3	10	
DINO0248	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	12	111	
DINO0251	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	6	34	
DINO0253	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	6	33	
DINO0254	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	6	32	
DINO0256	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/27/82-04/27/82	0	1	
DINO0151	No	00545	RESIDUE, SETTLEABLE (ML/L)	05/19/71-04/13/72	0	8	
DINO0154	No	00545	RESIDUE, SETTLEABLE (ML/L)	05/19/71-04/13/72	0	7	
DINO0155	No	00545	RESIDUE, SETTLEABLE (ML/L)	05/19/71-04/13/72	0	7	
DINO0156	No	00545	RESIDUE, SETTLEABLE (ML/L)	05/19/71-04/13/72	0	7	
DINO0160	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/30/79-08/30/79	0	1	
DINO0209	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	12/08/82-06/06/89	6	3	
DINO0016	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/26/75-08/26/75	0	1	
DINO0016	Yes	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/26/75-08/26/75	0	1	
DINO0016	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/26/75-08/26/75	0	1	
DINO0101	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/06/83-09/06/83	0	1	
DINO0120	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/07/83-09/07/83	0	1	
DINO0157	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/25/83-10/25/83	0	1	
DINO0203	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/08/83-09/08/83	0	1	
DINO0016	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/08/96-11/08/96	0	1	
DINO0101	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/06/83-09/06/83	0	1	
DINO0120	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/07/83-09/07/83	0	1	
DINO0157	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/25/83-10/25/83	0	1	
DINO0203	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/08/83-09/08/83	0	1	
DINO0208	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	10	104	
DINO0012	Yes	00609	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	10/15/68-04/21/92	23	112	S

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0012	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-04/21/92	23	124	T,S
DINO0150	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/77-06/03/81	3	5	
DINO0151	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0154	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0155	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0156	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0160	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/77-10/26/82	5	8	
DINO0209	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	23	280	T,A,S
DINO0233	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	17	123	
DINO0243	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	6	36	
DINO0244	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	6	29	
DINO0245	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/81-06/04/85	3	11	
DINO0248	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	12	120	
DINO0251	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	6	36	
DINO0253	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	6	36	
DINO0254	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	6	35	
DINO0256	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/82-04/27/82	0	1	
DINO0012	Yes	00612	AMMONIA, UNIONZED (MG/L AS N)	10/15/68-04/21/92	23	112	S
DINO0016	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/08/96-11/08/96	0	1	
DINO0101	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/06/83-09/06/83	0	1	
DINO0120	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/07/83-09/07/83	0	1	
DINO0157	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/83-10/25/83	0	1	
DINO0203	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/08/83-09/08/83	0	1	
DINO0208	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/90-10/08/92	2	18	
DINO0209	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/18/88-11/01/90	2	19	
DINO0233	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/18/88-11/01/90	2	18	
DINO0238	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/91-08/28/91	0	1	
DINO0239	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/91-08/28/91	0	1	
DINO0248	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/17/88-11/01/90	2	14	
DINO0252	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/91-08/28/91	0	1	
DINO0255	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/91-08/28/91	0	1	
DINO0012	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/26/68-03/20/79	10	52	
DINO0151	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0154	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0155	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0156	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0209	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	10	139	
DINO0233	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/06/79-04/07/88	9	44	
DINO0243	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	6	36	
DINO0244	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	6	29	
DINO0245	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/09/81-06/04/85	3	11	
DINO0248	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	8	69	
DINO0251	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	6	36	
DINO0253	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	6	36	
DINO0254	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	6	35	
DINO0105	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/30/58-09/30/58	0	1	
DINO0121	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/48-09/18/48	0	1	
DINO0161	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/65-09/10/65	0	1	
DINO0208	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/20/62-09/16/70	8	30	
DINO0209	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/18/88-11/01/90	2	19	
DINO0233	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/18/88-11/01/90	2	18	
DINO0248	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/17/88-11/01/90	2	14	
DINO0012	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/68-05/09/79	10	55	
DINO0068	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/31/80-07/31/80	0	1	
DINO0149	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/77-08/04/77	0	1	
DINO0150	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/77-08/31/78	1	2	
DINO0151	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0154	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0155	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0156	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0160	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/77-08/31/78	1	2	
DINO0209	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	12	167	
DINO0230	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/04/75-08/27/75	0	3	
DINO0233	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/78-04/07/88	9	46	
DINO0243	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	6	36	
DINO0244	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	6	29	
DINO0245	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/09/81-06/04/85	3	11	
DINO0248	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	8	68	
DINO0251	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	6	36	
DINO0253	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	6	36	
DINO0254	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	6	34	
DINO0016	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/75-11/08/96	21	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0101	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/06/83-09/06/83	0	1	
DINO0120	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/07/83-09/07/83	0	1	
DINO0157	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/25/83-10/25/83	0	1	
DINO0203	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/08/83-09/08/83	0	1	
DINO0016	Yes	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/26/75-08/26/75	0	1	
DINO0012	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/79-04/21/92	12	70	
DINO0016	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-11/08/96	21	2	
DINO0150	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-06/03/81	3	5	
DINO0151	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0154	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0155	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0156	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/71-04/13/72	0	12	
DINO0160	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/78-10/26/82	4	8	
DINO0209	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	21	226	T,A
DINO0233	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/78-03/30/93	14	104	
DINO0243	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	6	36	
DINO0244	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	6	29	
DINO0245	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/81-06/04/85	3	11	
DINO0248	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	12	119	
DINO0251	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	6	36	
DINO0253	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	6	36	
DINO0254	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	6	35	
DINO0256	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/82-04/27/82	0	1	
DINO0012	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/79-04/21/92	12	70	
DINO0016	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-08/26/75	0	1	
DINO0149	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/78-06/08/78	0	1	
DINO0150	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/78-06/03/81	2	5	
DINO0160	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/78-10/26/82	4	9	
DINO0209	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	21	153	T
DINO0232	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/23/83-11/23/83	0	1	
DINO0233	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/78-11/05/91	13	34	
DINO0243	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/11/81-10/25/83	2	12	
DINO0244	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/11/81-10/25/83	2	11	
DINO0245	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/13/82-07/13/83	1	3	
DINO0248	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/21/80-10/01/91	11	46	
DINO0251	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/11/81-10/25/83	2	12	
DINO0253	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/10/81-10/25/83	2	12	
DINO0254	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/10/81-10/25/83	2	12	
DINO0256	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/27/82-04/27/82	0	1	
DINO0016	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/75-11/08/96	21	5	
DINO0089	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/19/72-10/19/72	0	1	
DINO0101	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/06/83-09/06/83	0	1	
DINO0105	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/09/73-05/09/73	0	1	
DINO0120	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/07/83-09/07/83	0	1	
DINO0131	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/18/73-05/18/73	0	1	
DINO0157	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/25/83-10/25/83	0	1	
DINO0187	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/09/73-05/09/73	0	1	
DINO0203	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/08/83-09/08/83	0	1	
DINO0208	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	21	213	T,A
DINO0209	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/23/91-06/30/99	8	55	
DINO0233	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/23/91-06/12/96	5	36	
DINO0238	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/91-08/28/91	0	1	
DINO0239	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/91-08/28/91	0	1	
DINO0248	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/23/91-10/28/92	1	13	
DINO0252	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/91-08/28/91	0	1	
DINO0255	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/91-08/28/91	0	1	
DINO0012	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/15/68-05/09/73	4	28	
DINO0151	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/19/71-04/13/72	0	12	
DINO0154	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/19/71-04/13/72	0	12	
DINO0155	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/19/71-04/13/72	0	12	
DINO0156	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/19/71-04/13/72	0	12	
DINO0089	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/72-10/19/72	0	1	
DINO0105	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/09/73-05/09/73	0	1	
DINO0131	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/18/73-05/18/73	0	1	
DINO0151	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/19/71-04/13/72	0	12	
DINO0154	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/19/71-04/13/72	0	12	
DINO0155	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/19/71-04/13/72	0	12	
DINO0156	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/19/71-04/13/72	0	12	
DINO0187	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/09/73-05/09/73	0	1	
DINO0208	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	15	110	
DINO0012	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-04/21/92	18	91	
DINO0016	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-11/08/96	21	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0149	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/77-06/08/78	0	2	
DINO0150	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/77-06/03/81	3	6	
DINO0160	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/77-10/26/82	5	10	
DINO0209	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	23	275	T,A,S
DINO0233	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	21	127	T
DINO0243	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	6	34	
DINO0244	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	6	28	
DINO0245	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/81-06/04/85	3	11	
DINO0248	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	12	120	
DINO0251	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	6	36	
DINO0253	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	6	35	
DINO0254	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	6	34	
DINO0256	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/82-04/27/82	0	1	
DINO0016	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/75-11/08/96	21	2	
DINO0101	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/06/83-09/06/83	0	1	
DINO0120	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/83-09/07/83	0	1	
DINO0157	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/83-10/25/83	0	1	
DINO0203	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/08/83-09/08/83	0	1	
DINO0208	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/79-01/29/82	2	25	
DINO0209	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/01/90-06/30/99	8	52	
DINO0233	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/11/90-06/12/96	5	38	
DINO0248	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/12/90-10/28/92	2	15	
DINO0016	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/08/96-11/08/96	0	1	
DINO0018	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/98-07/01/98	0	1	
DINO0020	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/98-08/03/98	0	1	
DINO0022	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/30/97-07/30/97	0	1	
DINO0025	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/98-07/02/98	0	1	
DINO0029	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/98-07/02/98	0	1	
DINO0032	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/97-07/29/97	0	1	
DINO0041	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/03/98-07/03/98	0	1	
DINO0044	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/03/98-07/03/98	0	1	
DINO0050	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/97-08/13/97	0	1	
DINO0051	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/03/98-07/03/98	0	1	
DINO0052	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/09/97-08/09/97	0	1	
DINO0054	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/04/98-07/04/98	0	1	
DINO0056	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/04/98-07/04/98	0	1	
DINO0057	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/97-05/22/98	0	2	
DINO0069	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/97-05/22/98	0	2	
DINO0071	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/97-05/22/98	0	2	
DINO0081	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/97-08/15/97	0	1	
DINO0083	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/97-08/18/97	0	1	
DINO0085	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	0	1	
DINO0088	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/04/98-07/04/98	0	1	
DINO0089	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/19/72-10/19/72	0	1	
DINO0091	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-07/13/98	0	2	
DINO0101	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/06/83-09/06/83	0	1	
DINO0102	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	0	1	
DINO0105	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/09/73-05/09/73	0	1	
DINO0109	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0110	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-07/12/98	0	2	
DINO0112	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/98-08/04/98	0	1	
DINO0116	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/98-08/05/98	0	1	
DINO0119	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/98-07/25/98	0	1	
DINO0120	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/83-09/07/83	0	1	
DINO0122	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/98-06/15/98	0	1	
DINO0126	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/16/98-06/16/98	0	1	
DINO0127	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	0	1	
DINO0131	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/18/73-05/18/73	0	1	
DINO0132	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	0	1	
DINO0136	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	0	1	
DINO0140	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/26/98-07/26/98	0	1	
DINO0142	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	0	1	
DINO0147	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	0	1	
DINO0157	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/83-10/25/83	0	1	
DINO0158	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-07/13/98	0	2	
DINO0163	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	0	1	
DINO0170	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/28/97-07/28/97	0	1	
DINO0185	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/21/98-05/21/98	0	1	
DINO0187	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/09/73-05/09/73	0	1	
DINO0189	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/97-08/18/97	0	1	
DINO0197	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/16/98-07/16/98	0	1	
DINO0199	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/98-06/20/98	0	1	
DINO0201	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	0	1	
DINO0203	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/08/83-09/08/83	0	1	
DINO0204	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/97-08/19/97	0	1	
DINO0207	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	21	186	T,A
DINO0209	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/18/88-06/26/90	2	19	
DINO0210	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/98-07/14/98	0	1	
DINO0216	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/98-08/06/98	0	1	
DINO0221	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/98-06/11/98	0	1	
DINO0223	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/19/98-06/19/98	0	1	
DINO0226	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/12/98-06/12/98	0	1	
DINO0233	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/18/88-06/26/90	2	18	
DINO0248	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/17/88-06/27/90	2	14	
DINO0149	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/77-06/08/78	0	2	
DINO0150	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/77-06/08/78	0	2	
DINO0157	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/25/83-10/25/83	0	1	
DINO0160	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/77-10/26/82	5	8	
DINO0209	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	13	173	
DINO0233	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/78-06/26/90	11	83	
DINO0243	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/81-04/17/81	0	2	
DINO0244	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/81-03/11/81	0	1	
DINO0248	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/21/80-06/27/90	10	79	
DINO0251	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/81-04/17/81	0	2	
DINO0253	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/81-04/17/81	0	2	
DINO0254	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/81-04/17/81	0	2	
DINO0256	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/82-04/27/82	0	1	
DINO0016	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/75-08/26/75	0	1	
DINO0252	No	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	07/26/89-07/26/89	0	1	
DINO0252	No	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	07/26/89-07/26/89	0	1	
DINO0012	Yes	00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	03/27/68-05/09/83	15	77	
DINO0008	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/08/50-11/08/50	0	1	
DINO0012	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/68-04/21/92	24	110	S
DINO0017	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/31/80-07/31/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0018	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/98-07/01/98	0	1	
DINO0020	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/98-08/03/98	0	1	
DINO0022	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/97-07/30/97	0	1	
DINO0025	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	0	1	
DINO0029	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	0	1	
DINO0032	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/97-07/29/97	0	1	
DINO0041	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	0	1	
DINO0044	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	0	1	
DINO0050	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/97-08/13/97	0	1	
DINO0052	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/97-08/09/97	0	1	
DINO0057	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	0	2	
DINO0068	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/31/80-07/31/80	0	1	
DINO0069	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	0	2	
DINO0071	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/97-05/22/98	0	2	
DINO0081	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/97-08/15/97	0	1	
DINO0083	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	0	1	
DINO0089	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/72-10/19/72	0	1	
DINO0090	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/98-07/13/98	0	1	
DINO0104	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	0	1	
DINO0105	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/30/58-05/09/73	14	2	
DINO0108	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/16/47-09/18/48	1	2	
DINO0109	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-07/12/98	0	2	
DINO0112	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/98-08/04/98	0	1	
DINO0116	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/98-08/05/98	0	1	
DINO0119	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/98-07/25/98	0	1	
DINO0121	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/48-09/18/48	0	1	
DINO0122	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/98-06/15/98	0	1	
DINO0126	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/16/98-06/16/98	0	1	
DINO0127	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0130	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/67-09/13/67	0	1	
DINO0131	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/18/73-05/18/73	0	1	
DINO0132	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	0	1	
DINO0136	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0140	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/26/98-07/26/98	0	1	
DINO0142	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0147	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0150	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/78-08/31/78	0	1	
DINO0151	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	0	12	
DINO0153	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/65-07/30/68	2	2	
DINO0154	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	0	12	
DINO0155	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	0	12	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0156	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	0	12	
DINO0158	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-07/13/98	0	2	
DINO0160	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/78-10/26/82	4	5	
DINO0161	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/65-06/13/68	2	2	
DINO0163	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	0	1	
DINO0168	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/24/69-09/24/69	0	1	
DINO0170	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/28/97-07/28/97	0	1	
DINO0172	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/48-09/19/48	0	1	
DINO0179	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/31/68-07/31/68	0	1	
DINO0180	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/11/68-07/31/68	0	2	
DINO0185	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/98-05/21/98	0	1	
DINO0187	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/09/73-05/09/73	0	1	
DINO0189	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	0	1	
DINO0193	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/12/67-09/12/67	0	1	
DINO0197	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/16/98-07/16/98	0	1	
DINO0198	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/70-05/21/70	0	1	
DINO0199	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/20/98-06/20/98	0	1	
DINO0201	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	0	1	
DINO0203	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/48-09/19/48	0	1	
DINO0204	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	28	341	T,A,S
DINO0209	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	23	290	T,A,S
DINO0210	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/97-07/14/98	0	2	
DINO0216	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/06/98-08/06/98	0	1	
DINO0220	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/58-11/18/58	0	1	
DINO0221	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/11/98-06/11/98	0	1	
DINO0222	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/04/50-10/27/53	3	2	
DINO0223	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/19/98-06/19/98	0	1	
DINO0224	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/58-07/12/58	0	1	
DINO0226	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/12/98-06/12/98	0	1	
DINO0230	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/75-08/27/75	0	3	
DINO0233	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	17	121	
DINO0243	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	6	35	
DINO0244	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	6	28	
DINO0245	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/09/81-06/04/85	3	11	
DINO0248	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	12	120	
DINO0251	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	6	35	
DINO0253	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	6	35	
DINO0254	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	6	34	
DINO0256	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/82-04/27/82	0	1	
DINO0008	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/08/50-11/08/50	0	1	
DINO0089	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/72-10/19/72	0	1	
DINO0105	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/30/58-05/09/73	14	2	
DINO0108	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/16/47-09/18/48	1	2	
DINO0121	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/48-09/18/48	0	1	
DINO0130	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/67-09/13/67	0	1	
DINO0131	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/18/73-05/18/73	0	1	
DINO0153	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/65-07/30/68	2	2	
DINO0161	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/65-06/13/68	2	2	
DINO0168	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/24/69-09/24/69	0	1	
DINO0172	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/48-09/19/48	0	1	
DINO0179	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/31/68-07/31/68	0	1	
DINO0180	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/11/68-07/31/68	0	2	
DINO0187	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/09/73-05/09/73	0	1	
DINO0193	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/12/67-09/12/67	0	1	
DINO0198	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/21/70-05/21/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0203	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/48-09/19/48	0	1	
DINO0208	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	18	302	A
DINO0220	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/18/58-11/18/58	0	1	
DINO0222	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/04/50-10/27/53	3	2	
DINO0224	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/12/58-07/12/58	0	1	
DINO0012	Yes	00910	CALCIUM (MG/L AS CACO3)	03/27/68-12/08/80	12	64	
DINO0008	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/08/50-11/08/50	0	1	
DINO0016	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/83-11/08/96	13	4	
DINO0018	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/98-07/01/98	0	1	
DINO0020	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/98-08/03/98	0	1	
DINO0022	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/97-07/30/97	0	1	
DINO0025	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/98-07/02/98	0	1	
DINO0029	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/98-07/02/98	0	1	
DINO0032	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/29/97-07/29/97	0	1	
DINO0041	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/03/98-07/03/98	0	1	
DINO0044	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/03/98-07/03/98	0	1	
DINO0050	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/97-08/13/97	0	1	
DINO0051	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/03/98-07/03/98	0	1	
DINO0052	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/97-08/09/97	0	1	
DINO0054	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/98-07/04/98	0	1	
DINO0056	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/98-07/04/98	0	1	
DINO0057	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/97-05/22/98	0	2	
DINO0069	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/97-05/22/98	0	2	
DINO0071	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/97-05/22/98	0	2	
DINO0081	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/15/97-08/15/97	0	1	
DINO0083	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	0	1	
DINO0088	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/98-07/04/98	0	1	
DINO0089	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/72-10/19/72	0	1	
DINO0090	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-07/13/98	0	2	
DINO0101	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/06/83-09/06/83	0	1	
DINO0102	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	0	1	
DINO0105	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/30/58-05/09/73	14	2	
DINO0108	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/16/47-09/18/48	1	2	
DINO0109	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-07/12/98	0	2	
DINO0112	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/98-08/04/98	0	1	
DINO0116	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/98-08/05/98	0	1	
DINO0119	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/25/98-07/25/98	0	1	
DINO0120	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/07/83-09/07/83	0	1	
DINO0121	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/48-09/18/48	0	1	
DINO0122	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/98-06/15/98	0	1	
DINO0126	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/16/98-06/16/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0127	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	0	1	
DINO0130	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/67-09/13/67	0	1	
DINO0131	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/18/73-05/18/73	0	1	
DINO0132	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	0	1	
DINO0136	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	0	1	
DINO0140	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/98-07/26/98	0	1	
DINO0142	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	0	1	
DINO0147	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	0	1	
DINO0150	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/78-08/31/78	0	1	
DINO0153	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/65-07/30/68	2	2	
DINO0157	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/83-10/25/83	0	1	
DINO0158	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-07/13/98	0	2	
DINO0160	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/78-10/26/82	4	5	
DINO0161	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/65-06/13/68	2	2	
DINO0163	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	0	1	
DINO0168	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/24/69-09/24/69	0	1	
DINO0170	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/28/97-07/28/97	0	1	
DINO0172	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/48-09/19/48	0	1	
DINO0179	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/68-07/31/68	0	1	
DINO0180	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/11/68-07/31/68	0	2	
DINO0185	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/98-05/21/98	0	1	
DINO0187	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/09/73-05/09/73	0	1	
DINO0189	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/97-08/18/97	0	1	
DINO0193	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/12/67-09/12/67	0	1	
DINO0197	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/16/98-07/16/98	0	1	
DINO0198	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/70-05/21/70	0	1	
DINO0199	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/98-06/20/98	0	1	
DINO0201	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	0	1	
DINO0203	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/48-09/08/83	34	2	
DINO0204	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	30	245	T,A,S
DINO0209	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	23	289	T,A,S
DINO0210	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/97-07/14/98	0	2	
DINO0216	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/98-08/06/98	0	1	
DINO0220	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/18/58-11/18/58	0	1	
DINO0221	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/11/98-06/11/98	0	1	
DINO0222	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/04/50-05/04/50	0	1	
DINO0223	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/19/98-06/19/98	0	1	
DINO0224	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/58-07/12/58	0	1	
DINO0226	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/98-06/12/98	0	1	
DINO0230	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/04/75-08/27/75	0	3	
DINO0233	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	17	124	
DINO0235	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/88-07/26/88	0	1	
DINO0239	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-03/22/89	0	3	
DINO0241	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-09/27/89	1	4	
DINO0242	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/30/88-11/30/88	0	1	
DINO0243	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	6	35	
DINO0244	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	6	28	
DINO0245	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/09/81-06/04/85	3	11	
DINO0248	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	12	120	
DINO0249	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-03/22/89	0	2	
DINO0250	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/87-04/06/88	0	2	
DINO0251	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	6	35	
DINO0252	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-09/27/89	1	3	
DINO0253	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	6	35	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0254	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	6	34	
DINO0255	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-09/27/89	1	4	
DINO0256	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/82-04/27/82	0	1	
DINO0017	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/80-07/31/80	0	1	
DINO0008	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/08/50-11/08/50	0	1	
DINO0016	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/83-11/08/96	13	4	
DINO0018	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/98-07/01/98	0	1	
DINO0020	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/98-08/03/98	0	1	
DINO0022	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/97-07/30/97	0	1	
DINO0025	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/98-07/02/98	0	1	
DINO0029	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/98-07/02/98	0	1	
DINO0032	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/29/97-07/29/97	0	1	
DINO0041	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/03/98-07/03/98	0	1	
DINO0044	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/03/98-07/03/98	0	1	
DINO0050	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/97-08/13/97	0	1	
DINO0051	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/03/98-07/03/98	0	1	
DINO0052	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/97-08/09/97	0	1	
DINO0054	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/98-07/04/98	0	1	
DINO0056	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/98-07/04/98	0	1	
DINO0057	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/97-05/22/98	0	2	
DINO0069	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/97-05/22/98	0	2	
DINO0071	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/97-05/22/98	0	2	
DINO0081	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/15/97-08/15/97	0	1	
DINO0083	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	0	1	
DINO0088	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/98-07/04/98	0	1	
DINO0089	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/72-10/19/72	0	1	
DINO0090	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-07/13/98	0	2	
DINO0101	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/06/83-09/06/83	0	1	
DINO0102	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	0	1	
DINO0105	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/30/58-05/09/73	14	2	
DINO0108	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/47-09/18/48	1	2	
DINO0109	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-07/12/98	0	2	
DINO0112	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/98-08/04/98	0	1	
DINO0116	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/98-08/05/98	0	1	
DINO0119	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/25/98-07/25/98	0	1	
DINO0120	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/07/83-09/07/83	0	1	
DINO0121	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/48-09/18/48	0	1	
DINO0122	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/98-06/15/98	0	1	
DINO0126	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/98-06/16/98	0	1	
DINO0127	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0130	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/67-09/13/67	0	1	
DINO0131	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/18/73-05/18/73	0	1	
DINO0132	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	0	1	
DINO0136	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	0	1	
DINO0140	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/98-07/26/98	0	1	
DINO0142	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	0	1	
DINO0147	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	0	1	
DINO0150	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/78-08/31/78	0	1	
DINO0153	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/65-07/30/68	2	2	
DINO0157	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/83-10/25/83	0	1	
DINO0158	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-07/13/98	0	2	
DINO0160	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/78-10/26/82	4	5	
DINO0161	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/65-06/13/68	2	2	
DINO0163	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	0	1	
DINO0168	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/69-09/24/69	0	1	
DINO0170	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/28/97-07/28/97	0	1	
DINO0172	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/48-09/19/48	0	1	
DINO0179	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/68-07/31/68	0	1	
DINO0180	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/11/68-07/31/68	0	2	
DINO0185	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/98-05/21/98	0	1	
DINO0187	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/09/73-05/09/73	0	1	
DINO0189	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/97-08/18/97	0	1	
DINO0193	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/67-09/12/67	0	1	
DINO0197	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/16/98-07/16/98	0	1	
DINO0198	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/70-05/21/70	0	1	
DINO0199	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/98-06/20/98	0	1	
DINO0201	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	0	1	
DINO0203	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/48-09/08/83	34	2	
DINO0204	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	30	245	T,A,S
DINO0209	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	23	290	T,A,S
DINO0210	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/97-07/14/98	0	2	
DINO0216	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/98-08/06/98	0	1	
DINO0220	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/18/58-11/18/58	0	1	
DINO0221	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/11/98-06/11/98	0	1	
DINO0222	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/50-05/04/50	0	1	
DINO0223	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/19/98-06/19/98	0	1	
DINO0224	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/58-07/12/58	0	1	
DINO0226	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/98-06/12/98	0	1	
DINO0230	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/04/75-08/27/75	0	3	
DINO0233	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	17	124	
DINO0235	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/88-07/26/88	0	1	
DINO0239	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-03/22/89	0	3	
DINO0241	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-09/27/89	1	4	
DINO0242	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/30/88-11/30/88	0	1	
DINO0243	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	6	35	
DINO0244	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	6	28	
DINO0245	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/09/81-06/04/85	3	10	
DINO0248	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	12	120	
DINO0249	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-03/22/89	0	2	
DINO0250	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/87-04/06/88	0	2	
DINO0251	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	6	35	
DINO0252	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-09/27/89	1	3	
DINO0253	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	6	35	
DINO0254	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	6	34	
DINO0255	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-09/27/89	1	4	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0256	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/82-04/27/82	0	1	
DINO0012	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/27/68-12/08/80	12	64	
DINO0017	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/31/80-07/31/80	0	1	
DINO0012	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	03/27/68-06/10/80	12	66	
DINO0017	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/31/80-07/31/80	0	1	
DINO0016	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/27/83-11/08/96	13	4	
DINO0018	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/98-07/01/98	0	1	
DINO0020	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/98-08/03/98	0	1	
DINO0022	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/97-07/30/97	0	1	
DINO0025	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/98-07/02/98	0	1	
DINO0029	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/98-07/02/98	0	1	
DINO0032	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/29/97-07/29/97	0	1	
DINO0041	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/03/98-07/03/98	0	1	
DINO0044	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/03/98-07/03/98	0	1	
DINO0050	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/97-08/13/97	0	1	
DINO0051	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/03/98-07/03/98	0	1	
DINO0052	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/97-08/09/97	0	1	
DINO0054	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/98-07/04/98	0	1	
DINO0056	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/98-07/04/98	0	1	
DINO0057	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/97-05/22/98	0	2	
DINO0069	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/97-05/22/98	0	2	
DINO0071	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/97-05/22/98	0	2	
DINO0081	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/15/97-08/15/97	0	1	
DINO0083	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	0	1	
DINO0088	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/98-07/04/98	0	1	
DINO0089	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/72-10/19/72	0	1	
DINO0090	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-07/13/98	0	2	
DINO0101	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/06/83-09/06/83	0	1	
DINO0102	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	0	1	
DINO0105	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/09/73-05/09/73	0	1	
DINO0109	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-07/12/98	0	2	
DINO0112	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/98-08/04/98	0	1	
DINO0116	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/98-08/05/98	0	1	
DINO0119	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/25/98-07/25/98	0	1	
DINO0120	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/07/83-09/07/83	0	1	
DINO0122	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/98-06/15/98	0	1	
DINO0126	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/16/98-06/16/98	0	1	
DINO0127	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	0	1	
DINO0130	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/13/67-09/13/67	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0131	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/18/73-05/18/73	0	1	
DINO0132	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	0	1	
DINO0136	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	0	1	
DINO0140	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/98-07/26/98	0	1	
DINO0142	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	0	1	
DINO0147	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	0	1	
DINO0150	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/78-08/31/78	0	1	
DINO0153	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/65-07/30/68	2	2	
DINO0157	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/83-10/25/83	0	1	
DINO0158	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-07/13/98	0	2	
DINO0160	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/78-10/26/82	4	5	
DINO0161	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/65-06/13/68	2	2	
DINO0163	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	0	1	
DINO0168	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/69-09/24/69	0	1	
DINO0170	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/28/97-07/28/97	0	1	
DINO0179	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/68-07/31/68	0	1	
DINO0180	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/11/68-07/31/68	0	2	
DINO0185	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/98-05/21/98	0	1	
DINO0187	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/09/73-05/09/73	0	1	
DINO0189	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/97-08/18/97	0	1	
DINO0193	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/12/67-09/12/67	0	1	
DINO0197	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/16/98-07/16/98	0	1	
DINO0198	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/70-05/21/70	0	1	
DINO0199	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/98-06/20/98	0	1	
DINO0201	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	0	1	
DINO0203	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/08/83-09/08/83	0	1	
DINO0204	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	30	376	T,A,S
DINO0209	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	23	290	T,A,S
DINO0210	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/97-07/14/98	0	2	
DINO0216	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/98-08/06/98	0	1	
DINO0221	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/11/98-06/11/98	0	1	
DINO0223	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/19/98-06/19/98	0	1	
DINO0226	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/98-06/12/98	0	1	
DINO0230	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/04/75-08/27/75	0	3	
DINO0233	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	17	123	
DINO0235	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/88-07/26/88	0	1	
DINO0239	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-03/22/89	0	3	
DINO0241	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-09/27/89	1	4	
DINO0242	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/30/88-11/30/88	0	1	
DINO0243	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-10/23/91	10	36	
DINO0244	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	6	28	
DINO0245	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/09/81-06/04/85	3	11	
DINO0248	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	12	120	
DINO0249	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-03/22/89	0	2	
DINO0250	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/87-04/06/88	0	2	
DINO0251	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	6	34	
DINO0252	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-09/27/89	1	3	
DINO0253	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	6	35	
DINO0254	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	6	34	
DINO0255	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-09/27/89	1	4	
DINO0256	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/27/82-04/27/82	0	1	
DINO0089	No	00931	SODIUM ADSORPTION RATIO	10/19/72-10/19/72	0	1	
DINO0105	No	00931	SODIUM ADSORPTION RATIO	09/30/58-05/09/73	14	2	
DINO0121	Yes	00931	SODIUM ADSORPTION RATIO	09/18/48-09/18/48	0	1	
DINO0130	Yes	00931	SODIUM ADSORPTION RATIO	09/13/67-09/13/67	0	1	
DINO0131	No	00931	SODIUM ADSORPTION RATIO	05/18/73-05/18/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0153	No	00931	SODIUM ADSORPTION RATIO	09/10/65-07/30/68	2	2	
DINO0161	No	00931	SODIUM ADSORPTION RATIO	09/10/65-06/13/68	2	2	
DINO0168	Yes	00931	SODIUM ADSORPTION RATIO	09/24/69-09/24/69	0	1	
DINO0172	Yes	00931	SODIUM ADSORPTION RATIO	09/19/48-09/19/48	0	1	
DINO0179	No	00931	SODIUM ADSORPTION RATIO	07/31/68-07/31/68	0	1	
DINO0180	No	00931	SODIUM ADSORPTION RATIO	05/21/70-05/21/70	0	1	
DINO0184	Yes	00931	SODIUM ADSORPTION RATIO	06/11/68-07/31/68	0	2	
DINO0187	No	00931	SODIUM ADSORPTION RATIO	05/09/73-05/09/73	0	1	
DINO0193	Yes	00931	SODIUM ADSORPTION RATIO	09/12/67-09/12/67	0	1	
DINO0198	Yes	00931	SODIUM ADSORPTION RATIO	05/21/70-05/21/70	0	1	
DINO0203	Yes	00931	SODIUM ADSORPTION RATIO	09/19/48-09/19/48	0	1	
DINO0208	Yes	00931	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	23	340	T,A,S
DINO0220	Yes	00931	SODIUM ADSORPTION RATIO	11/18/58-11/18/58	0	1	
DINO0222	Yes	00931	SODIUM ADSORPTION RATIO	05/04/50-05/04/50	0	1	
DINO0224	Yes	00931	SODIUM ADSORPTION RATIO	07/12/58-10/01/58	0	2	
DINO0225	Yes	00931	SODIUM ADSORPTION RATIO	07/12/58-07/12/58	0	1	
DINO0089	No	00932	SODIUM, PERCENT	10/19/72-10/19/72	0	1	
DINO0105	No	00932	SODIUM, PERCENT	09/30/58-05/09/73	14	2	
DINO0131	No	00932	SODIUM, PERCENT	05/18/73-05/18/73	0	1	
DINO0161	No	00932	SODIUM, PERCENT	09/10/65-09/10/65	0	1	
DINO0187	No	00932	SODIUM, PERCENT	05/09/73-05/09/73	0	1	
DINO0208	Yes	00932	SODIUM, PERCENT	04/20/62-11/21/85	23	252	T,A,S
DINO0220	Yes	00932	SODIUM, PERCENT	11/18/58-11/18/58	0	1	
DINO0222	Yes	00932	SODIUM, PERCENT	05/04/50-05/04/50	0	1	
DINO0224	Yes	00932	SODIUM, PERCENT	07/12/58-10/01/58	0	2	
DINO0225	Yes	00932	SODIUM, PERCENT	07/12/58-07/12/58	0	1	
DINO0008	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	11/08/50-11/08/50	0	1	
DINO0105	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/30/58-09/30/58	0	1	
DINO0108	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	06/16/47-09/18/48	1	2	
DINO0121	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/18/48-09/18/48	0	1	
DINO0172	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/19/48-09/19/48	0	1	
DINO0203	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/19/48-09/19/48	0	1	
DINO0208	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	10/01/67-03/11/80	12	48	
DINO0220	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	11/18/58-11/18/58	0	1	
DINO0222	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	05/04/50-05/04/50	0	1	
DINO0224	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/12/58-07/12/58	0	1	
DINO0016	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/27/83-11/08/96	13	4	
DINO0018	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/98-07/01/98	0	1	
DINO0020	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/98-08/03/98	0	1	
DINO0022	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/97-07/30/97	0	1	
DINO0025	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/98-07/02/98	0	1	
DINO0029	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/98-07/02/98	0	1	
DINO0032	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/29/97-07/29/97	0	1	
DINO0041	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/03/98-07/03/98	0	1	
DINO0044	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/03/98-07/03/98	0	1	
DINO0050	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/97-08/13/97	0	1	
DINO0051	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/03/98-07/03/98	0	1	
DINO0052	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/97-08/09/97	0	1	
DINO0054	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/98-07/04/98	0	1	
DINO0056	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/98-07/04/98	0	1	
DINO0057	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/97-05/22/98	0	2	
DINO0069	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/97-05/22/98	0	2	
DINO0071	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/97-05/22/98	0	2	
DINO0081	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/15/97-08/15/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0083	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	0	1	
DINO0088	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/98-07/04/98	0	1	
DINO0089	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/72-10/19/72	0	1	
DINO0090	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-07/13/98	0	2	
DINO0101	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/06/83-09/06/83	0	1	
DINO0102	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	0	1	
DINO0105	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/09/73-05/09/73	0	1	
DINO0109	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-07/12/98	0	2	
DINO0112	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/98-08/04/98	0	1	
DINO0116	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/98-08/05/98	0	1	
DINO0119	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/25/98-07/25/98	0	1	
DINO0120	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/07/83-09/07/83	0	1	
DINO0122	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/98-06/15/98	0	1	
DINO0126	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/16/98-06/16/98	0	1	
DINO0127	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	0	1	
DINO0130	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/13/67-09/13/67	0	1	
DINO0131	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/18/73-05/18/73	0	1	
DINO0132	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	0	1	
DINO0136	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	0	1	
DINO0140	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/98-07/26/98	0	1	
DINO0142	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	0	1	
DINO0147	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	0	1	
DINO0150	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/78-08/31/78	0	1	
DINO0153	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/65-07/30/68	2	2	
DINO0157	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/83-10/25/83	0	1	
DINO0158	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-07/13/98	0	2	
DINO0160	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/78-10/26/82	4	5	
DINO0161	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/65-06/13/68	2	2	
DINO0163	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	0	1	
DINO0168	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/69-09/24/69	0	1	
DINO0170	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/28/97-07/28/97	0	1	
DINO0179	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/68-07/31/68	0	1	
DINO0180	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/68-07/31/68	0	2	
DINO0185	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/98-05/21/98	0	1	
DINO0187	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/09/73-05/09/73	0	1	
DINO0189	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/97-08/18/97	0	1	
DINO0193	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/67-09/12/67	0	1	
DINO0197	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/16/98-07/16/98	0	1	
DINO0198	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/70-05/21/70	0	1	
DINO0199	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/98-06/20/98	0	1	
DINO0201	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	0	1	
DINO0203	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/08/83-09/08/83	0	1	
DINO0204	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	30	246	T,A,S
DINO0209	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	23	291	T,A,S
DINO0210	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/97-07/14/98	0	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0216	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/98-08/06/98	0	1	
DINO0221	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/98-06/11/98	0	1	
DINO0223	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/19/98-06/19/98	0	1	
DINO0226	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/98-06/12/98	0	1	
DINO0230	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/04/75-08/27/75	0	3	
DINO0233	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	17	123	
DINO0235	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/88-07/26/88	0	1	
DINO0239	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-03/22/89	0	3	
DINO0241	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-09/27/89	1	4	
DINO0242	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/30/88-11/30/88	0	1	
DINO0243	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	6	35	
DINO0244	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	6	28	
DINO0245	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/09/81-06/04/85	3	11	
DINO0248	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	12	120	
DINO0249	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-03/22/89	0	2	
DINO0250	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/87-04/06/88	0	2	
DINO0251	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	6	35	
DINO0252	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-09/27/89	1	3	
DINO0253	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	6	35	
DINO0254	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	6	34	
DINO0255	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-09/27/89	1	4	
DINO0256	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/27/82-04/27/82	0	1	
DINO0012	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	02/06/78-05/09/83	5	10	
DINO0017	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/31/80-07/31/80	0	1	
DINO0008	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/08/50-11/08/50	0	1	
DINO0012	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/68-06/10/80	12	64	
DINO0016	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/27/83-11/08/96	13	4	
DINO0017	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/80-07/31/80	0	1	
DINO0068	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/80-07/31/80	0	1	
DINO0089	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/72-10/19/72	0	1	
DINO0101	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/06/83-09/06/83	0	1	
DINO0105	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/30/58-05/09/73	14	2	
DINO0108	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/16/47-09/18/48	1	2	
DINO0120	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/83-09/07/83	0	1	
DINO0121	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/48-09/18/48	0	1	
DINO0130	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/67-09/13/67	0	1	
DINO0131	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/73-05/18/73	0	1	
DINO0153	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/65-07/30/68	2	2	
DINO0157	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/25/83-10/25/83	0	1	
DINO0161	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/65-06/13/68	2	2	
DINO0168	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/69-09/24/69	0	1	
DINO0172	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/48-09/19/48	0	1	
DINO0179	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/68-07/31/68	0	1	
DINO0180	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/70-05/21/70	0	1	
DINO0184	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/68-07/31/68	0	2	
DINO0187	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/09/73-05/09/73	0	1	
DINO0193	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/12/67-09/12/67	0	1	
DINO0198	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/70-05/21/70	0	1	
DINO0203	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/48-09/08/83	34	2	
DINO0208	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	30	414	T,A,S
DINO0220	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/58-11/18/58	0	1	
DINO0222	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/04/50-10/27/53	3	2	
DINO0224	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/58-10/01/58	0	2	
DINO0225	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/58-07/12/58	0	1	
DINO0235	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/26/88-07/26/88	0	1	
DINO0239	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-03/22/89	0	3	
DINO0241	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-09/27/89	1	4	
DINO0242	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/88-11/30/88	0	1	
DINO0249	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-03/22/89	0	2	
DINO0250	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/87-04/06/88	0	2	
DINO0252	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-09/27/89	1	3	
DINO0255	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-09/27/89	1	4	
DINO0018	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/01/98-07/01/98	0	1	
DINO0020	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/98-08/03/98	0	1	
DINO0022	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/01/98-07/01/98	0	1	
DINO0023	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/30/97-07/30/97	0	1	
DINO0025	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/98-07/02/98	0	1	
DINO0029	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/98-07/02/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0030	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/98-07/02/98	0	1	
DINO0032	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/30/97-07/30/97	0	1	
DINO0036	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/29/97-07/29/97	0	1	
DINO0038	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/29/97-07/29/97	0	1	
DINO0041	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/03/98-07/03/98	0	1	
DINO0044	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/97-08/14/97	0	1	
DINO0045	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/08/97-08/08/97	0	1	
DINO0047	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/03/98-07/03/98	0	1	
DINO0050	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/97-08/13/97	0	1	
DINO0051	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/03/98-07/03/98	0	1	
DINO0052	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/97-08/09/97	0	1	
DINO0053	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/97-08/09/97	0	1	
DINO0054	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/04/98-07/04/98	0	1	
DINO0056	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/04/98-07/04/98	0	1	
DINO0057	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/97-08/13/97	0	1	
DINO0058	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/21/97-08/21/97	0	1	
DINO0063	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	0	1	
DINO0066	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/97-05/22/98	0	2	
DINO0067	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/97-05/22/98	0	2	
DINO0069	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/97-05/22/98	0	2	
DINO0071	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/97-08/07/97	0	1	
DINO0072	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	0	1	
DINO0073	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	0	1	
DINO0075	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	0	1	
DINO0076	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/97-08/03/97	0	1	
DINO0078	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	0	1	
DINO0079	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/97-05/22/98	0	2	
DINO0081	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/97-08/15/97	0	1	
DINO0083	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/97-08/18/97	0	1	
DINO0084	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/20/97-09/20/97	0	1	
DINO0085	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	0	1	
DINO0086	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	0	1	
DINO0088	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/04/98-07/04/98	0	1	
DINO0090	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/20/97-09/20/97	0	1	
DINO0091	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/97-08/03/97	0	1	
DINO0092	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/97-08/07/97	0	1	
DINO0094	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/97-08/07/97	0	1	
DINO0095	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/97-08/07/97	0	1	
DINO0100	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-07/13/98	0	2	
DINO0102	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	0	1	
DINO0104	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	0	1	
DINO0109	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	0	1	
DINO0110	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-07/12/98	0	2	
DINO0112	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/98-06/15/98	0	1	
DINO0113	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-07/13/98	0	2	
DINO0114	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/98-08/04/98	0	1	
DINO0116	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/98-08/04/98	0	1	
DINO0117	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/98-08/05/98	0	1	
DINO0119	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/25/98-07/25/98	0	1	
DINO0122	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/98-06/15/98	0	1	
DINO0126	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/16/98-06/16/98	0	1	
DINO0127	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	0	1	
DINO0129	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	0	1	
DINO0132	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	0	1	
DINO0133	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	0	1	
DINO0136	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	0	1	
DINO0140	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/26/98-07/26/98	0	1	
DINO0142	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	0	1	
DINO0147	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	0	1	
DINO0150	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/31/78-08/31/78	0	1	
DINO0158	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	0	1	
DINO0159	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-07/13/98	0	2	
DINO0160	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/31/78-10/26/82	4	5	
DINO0163	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	0	1	
DINO0164	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	0	1	
DINO0165	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	0	1	
DINO0166	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	0	1	
DINO0170	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/28/97-07/28/97	0	1	
DINO0185	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/21/98-05/21/98	0	1	
DINO0189	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/97-08/18/97	0	1	
DINO0192	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/97-08/18/97	0	1	
DINO0197	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/16/98-07/16/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0199	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/20/98-06/20/98	0	1	
DINO0201	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/26/98-06/26/98	0	1	
DINO0202	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	0	1	
DINO0204	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/19/97-08/19/97	0	1	
DINO0206	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/22/97-09/22/97	0	1	
DINO0207	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/19/97-08/19/97	0	1	
DINO0209	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	23	290	T,A,S
DINO0210	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/19/97-08/19/97	0	1	
DINO0211	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/19/97-08/19/97	0	1	
DINO0213	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/22/97-07/14/98	0	2	
DINO0216	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/27/98-06/27/98	0	1	
DINO0217	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/27/98-06/27/98	0	1	
DINO0218	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/28/98-06/28/98	0	1	
DINO0219	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/98-08/06/98	0	1	
DINO0221	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/11/98-06/11/98	0	1	
DINO0223	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/19/98-06/19/98	0	1	
DINO0226	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/12/98-06/12/98	0	1	
DINO0230	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/04/75-08/27/75	0	3	
DINO0233	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	17	123	
DINO0243	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	6	35	
DINO0244	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	6	28	
DINO0245	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/09/81-06/04/85	3	11	
DINO0248	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	12	119	
DINO0251	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	6	35	
DINO0253	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	6	35	
DINO0254	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	6	34	
DINO0256	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/27/82-04/27/82	0	1	
DINO0008	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/08/50-11/08/50	0	1	
DINO0012	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/68-04/21/92	23	127	T,S
DINO0016	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/27/83-11/08/96	13	4	
DINO0017	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/80-07/31/80	0	1	
DINO0089	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/72-10/19/72	0	1	
DINO0101	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/83-09/06/83	0	1	
DINO0105	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/58-05/09/73	14	2	
DINO0108	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/16/47-09/18/48	1	2	
DINO0120	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/83-09/07/83	0	1	
DINO0121	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/48-09/18/48	0	1	
DINO0130	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/67-09/13/67	0	1	
DINO0131	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/18/73-05/18/73	0	1	
DINO0153	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/65-07/30/68	2	2	
DINO0157	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/25/83-10/25/83	0	1	
DINO0161	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/65-06/13/68	2	2	
DINO0168	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/69-09/24/69	0	1	
DINO0172	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/48-09/19/48	0	1	
DINO0179	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/68-07/31/68	0	1	
DINO0180	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/11/68-07/31/68	0	2	
DINO0187	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/09/73-05/09/73	0	1	
DINO0193	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/12/67-09/12/67	0	1	
DINO0198	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/21/70-05/21/70	0	1	
DINO0203	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/48-09/08/83	34	2	
DINO0208	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	30	415	T,A,S
DINO0220	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/18/58-11/18/58	0	1	
DINO0222	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/04/50-10/27/53	3	2	
DINO0224	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/58-07/12/58	0	1	
DINO0235	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/26/88-07/26/88	0	1	
DINO0239	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-03/22/89	0	3	
DINO0241	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-09/27/89	1	4	
DINO0242	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/88-11/30/88	0	1	
DINO0249	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-03/22/89	0	2	
DINO0250	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/87-04/06/88	0	2	
DINO0252	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-09/27/89	1	3	
DINO0255	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-09/27/89	1	4	
DINO0018	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/01/98-07/01/98	0	1	
DINO0020	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/98-08/03/98	0	1	
DINO0022	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/01/98-07/01/98	0	1	
DINO0023	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/30/97-07/30/97	0	1	
DINO0025	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/98-07/02/98	0	1	
DINO0029	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/98-07/02/98	0	1	
DINO0030	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/98-07/02/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0032	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/29/97-07/29/97	0	1	
DINO0041	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/03/98-07/03/98	0	1	
DINO0044	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/08/97-08/08/97	0	1	
DINO0047	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/03/98-07/03/98	0	1	
DINO0050	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/97-08/13/97	0	1	
DINO0051	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/03/98-07/03/98	0	1	
DINO0052	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/97-08/09/97	0	1	
DINO0054	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/04/98-07/04/98	0	1	
DINO0056	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/04/98-07/04/98	0	1	
DINO0057	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/97-05/22/98	0	2	
DINO0067	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/97-05/22/98	0	2	
DINO0069	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/97-05/22/98	0	2	
DINO0071	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/97-05/22/98	0	2	
DINO0081	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/97-08/15/97	0	1	
DINO0083	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	0	1	
DINO0088	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/04/98-07/04/98	0	1	
DINO0090	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-07/13/98	0	2	
DINO0102	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	0	1	
DINO0109	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-07/12/98	0	2	
DINO0112	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/98-06/15/98	0	1	
DINO0113	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-07/13/98	0	2	
DINO0114	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/98-08/04/98	0	1	
DINO0116	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/98-08/04/98	0	1	
DINO0117	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/98-08/05/98	0	1	
DINO0119	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/25/98-07/25/98	0	1	
DINO0122	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/98-06/15/98	0	1	
DINO0126	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/16/98-06/16/98	0	1	
DINO0127	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	0	1	
DINO0132	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	0	1	
DINO0136	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	0	1	
DINO0140	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/26/98-07/26/98	0	1	
DINO0142	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	0	1	
DINO0147	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	0	1	
DINO0150	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/31/78-08/31/78	0	1	
DINO0158	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-07/13/98	0	2	
DINO0160	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/31/78-10/26/82	4	5	
DINO0163	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	0	1	
DINO0170	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/28/97-07/28/97	0	1	
DINO0185	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/21/98-05/21/98	0	1	
DINO0189	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/97-08/18/97	0	1	
DINO0197	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/16/98-07/16/98	0	1	
DINO0199	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/20/98-06/20/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0201	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/26/98-06/26/98	0	1	
DINO0202	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	0	1	
DINO0204	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/97-08/19/97	0	1	
DINO0209	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	23	291	T,A,S
DINO0210	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/22/97-07/14/98	0	2	
DINO0216	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/27/98-06/27/98	0	1	
DINO0217	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/27/98-06/27/98	0	1	
DINO0218	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/28/98-06/28/98	0	1	
DINO0219	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/06/98-08/06/98	0	1	
DINO0221	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/11/98-06/11/98	0	1	
DINO0223	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/19/98-06/19/98	0	1	
DINO0226	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/12/98-06/12/98	0	1	
DINO0230	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/04/75-08/27/75	0	3	
DINO0233	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	17	124	
DINO0243	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	6	35	
DINO0244	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	6	28	
DINO0245	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/09/81-06/04/85	3	11	
DINO0248	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	12	120	
DINO0251	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	6	35	
DINO0253	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	6	35	
DINO0254	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	6	34	
DINO0256	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/27/82-04/27/82	0	1	
DINO0016	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/27/83-11/08/96	13	4	
DINO0023	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/30/97-07/30/97	0	1	
DINO0032	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/30/97-07/30/97	0	1	
DINO0036	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/29/97-07/29/97	0	1	
DINO0038	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/29/97-07/29/97	0	1	
DINO0044	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/97-08/14/97	0	1	
DINO0045	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/08/97-08/08/97	0	1	
DINO0050	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/97-08/13/97	0	1	
DINO0052	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/97-08/09/97	0	1	
DINO0053	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/97-08/09/97	0	1	
DINO0057	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/97-08/13/97	0	1	
DINO0058	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/97-08/21/97	0	1	
DINO0063	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	0	1	
DINO0066	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/97-08/14/97	0	1	
DINO0067	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/97-08/14/97	0	1	
DINO0069	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/97-08/14/97	0	1	
DINO0071	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/97-08/07/97	0	1	
DINO0072	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	0	1	
DINO0073	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	0	1	
DINO0075	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	0	1	
DINO0076	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/97-08/03/97	0	1	
DINO0078	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	0	1	
DINO0079	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/97-08/18/97	0	1	
DINO0081	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/15/97-08/15/97	0	1	
DINO0083	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/97-08/18/97	0	1	
DINO0084	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/97-09/20/97	0	1	
DINO0085	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	0	1	
DINO0086	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	0	1	
DINO0089	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/72-10/19/72	0	1	
DINO0090	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/97-09/20/97	0	1	
DINO0091	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/97-08/03/97	0	1	
DINO0092	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/97-08/07/97	0	1	
DINO0094	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/97-08/07/97	0	1	
DINO0095	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/97-08/07/97	0	1	
DINO0100	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	0	1	
DINO0101	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/06/83-09/06/83	0	1	
DINO0102	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	0	1	
DINO0104	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	0	1	
DINO0105	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/09/73-05/09/73	0	1	
DINO0109	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	0	1	
DINO0110	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	0	1	
DINO0113	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	0	1	
DINO0120	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/07/83-09/07/83	0	1	
DINO0127	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	0	1	
DINO0129	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	0	1	
DINO0130	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/67-09/13/67	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0131	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/18/73-05/18/73	0	1	
DINO0132	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	0	1	
DINO0133	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	0	1	
DINO0136	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	0	1	
DINO0142	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	0	1	
DINO0147	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	0	1	
DINO0150	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/78-08/31/78	0	1	
DINO0153	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/65-07/30/68	2	2	
DINO0157	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/25/83-10/25/83	0	1	
DINO0158	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	0	1	
DINO0159	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	0	1	
DINO0160	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/78-08/31/78	0	1	
DINO0161	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/65-06/13/68	2	2	
DINO0163	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	0	1	
DINO0164	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	0	1	
DINO0165	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	0	1	
DINO0166	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	0	1	
DINO0168	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/69-09/24/69	0	1	
DINO0170	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/28/97-07/28/97	0	1	
DINO0179	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/31/68-07/31/68	0	1	
DINO0180	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/11/68-07/31/68	0	2	
DINO0187	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/09/73-05/09/73	0	1	
DINO0189	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/97-08/18/97	0	1	
DINO0192	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/97-08/18/97	0	1	
DINO0193	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/67-09/12/67	0	1	
DINO0198	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/21/70-05/21/70	0	1	
DINO0202	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	0	1	
DINO0203	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/08/83-09/08/83	0	1	
DINO0204	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/97-08/19/97	0	1	
DINO0206	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/97-09/22/97	0	1	
DINO0207	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/97-08/19/97	0	1	
DINO0208	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	30	236	T,A,S
DINO0209	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	7	120	
DINO0210	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/97-08/19/97	0	1	
DINO0211	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/97-08/19/97	0	1	
DINO0213	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/97-09/22/97	0	1	
DINO0222	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/04/50-05/04/50	0	1	
DINO0224	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/12/58-07/12/58	0	1	
DINO0225	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/12/58-07/12/58	0	1	
DINO0230	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/04/75-08/27/75	0	3	
DINO0233	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/30/78-04/09/85	6	12	
DINO0235	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/88-07/26/88	0	1	
DINO0239	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-03/22/89	0	3	
DINO0241	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-09/27/89	1	4	
DINO0242	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/30/88-11/30/88	0	1	
DINO0243	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/81-07/13/82	1	4	
DINO0244	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/81-03/11/81	0	1	
DINO0248	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/21/80-05/12/81	1	16	
DINO0249	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-03/22/89	0	2	
DINO0250	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/87-04/06/88	0	2	
DINO0251	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/81-07/13/82	1	4	
DINO0252	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-09/27/89	1	3	
DINO0253	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/10/81-05/12/81	0	3	
DINO0254	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/10/81-07/13/82	1	4	
DINO0255	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-09/27/89	1	4	
DINO0012	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	03/27/68-07/19/77	9	46	
DINO0017	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/31/80-07/31/80	0	1	
DINO0068	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/31/80-07/31/80	0	1	
DINO0008	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/08/50-11/08/50	0	1	
DINO0016	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/27/83-11/08/96	13	4	
DINO0017	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/80-07/31/80	0	1	
DINO0089	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/72-10/19/72	0	1	
DINO0101	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/83-09/06/83	0	1	
DINO0105	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/30/58-05/09/73	14	2	
DINO0108	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/16/47-09/18/48	1	2	
DINO0120	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/83-09/07/83	0	1	
DINO0121	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/48-09/18/48	0	1	
DINO0130	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/67-09/13/67	0	1	
DINO0131	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/18/73-05/18/73	0	1	
DINO0150	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/78-08/31/78	0	1	
DINO0153	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/65-07/30/68	2	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0157	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/25/83-10/25/83	0	1	
DINO0160	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/78-08/31/78	0	1	
DINO0161	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/65-06/13/68	2	2	
DINO0168	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/69-09/24/69	0	1	
DINO0172	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/48-09/19/48	0	1	
DINO0179	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/68-07/31/68	0	1	
DINO0180	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/21/70-05/21/70	0	1	
DINO0184	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/68-07/31/68	0	2	
DINO0187	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/09/73-05/09/73	0	1	
DINO0193	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/67-09/12/67	0	1	
DINO0198	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/21/70-05/21/70	0	1	
DINO0203	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/48-09/08/83	34	2	
DINO0208	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	30	237	T,A,S
DINO0209	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	7	120	
DINO0220	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/18/58-11/18/58	0	1	
DINO0222	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/04/50-10/27/53	3	2	
DINO0224	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/12/58-10/01/58	0	2	
DINO0225	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/12/58-07/12/58	0	1	
DINO0230	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/04/75-08/27/75	0	3	
DINO0233	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/78-06/02/81	2	11	
DINO0235	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/88-07/26/88	0	1	
DINO0239	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-03/22/89	0	3	
DINO0241	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-09/27/89	1	4	
DINO0242	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/88-11/30/88	0	1	
DINO0243	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/81-03/28/84	3	4	
DINO0244	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/81-03/11/81	0	1	
DINO0248	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/21/80-04/17/81	1	15	
DINO0249	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-03/22/89	0	2	
DINO0250	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/87-04/06/88	0	2	
DINO0251	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/81-04/17/81	0	2	
DINO0252	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-09/27/89	1	3	
DINO0253	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/81-04/17/81	0	2	
DINO0254	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/81-04/17/81	0	2	
DINO0255	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-09/27/89	1	4	
DINO0012	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	03/27/68-06/29/88	20	112	
DINO0012	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	05/09/79-11/23/81	2	6	
DINO0101	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/06/83-09/06/83	0	1	
DINO0120	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/83-09/07/83	0	1	
DINO0157	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/25/83-10/25/83	0	1	
DINO0203	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/08/83-09/08/83	0	1	
DINO0209	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/24/76-12/15/99	23	54	S
DINO0230	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/04/75-08/27/75	0	3	
DINO0233	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/25/86-05/01/96	9	13	
DINO0238	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/23/86-08/26/86	0	2	
DINO0239	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/05/88-04/05/88	0	1	
DINO0240	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/23/86-08/26/86	0	2	
DINO0241	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/05/88-04/05/88	0	1	
DINO0248	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/10/80-10/28/92	12	6	
DINO0249	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/24/86-04/05/88	1	3	
DINO0250	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/11/87-04/06/88	0	2	
DINO0251	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/26/82-10/26/82	0	1	
DINO0252	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/05/88-04/05/88	0	1	
DINO0255	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/23/86-04/05/88	1	3	
DINO0012	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	03/27/68-05/09/83	15	57	
DINO0016	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/17/76-08/17/76	0	1	
DINO0026	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/17/76-08/17/76	0	1	
DINO0034	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/18/76-08/18/76	0	1	
DINO0061	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/19/76-08/19/76	0	1	
DINO0107	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/19/76-08/19/76	0	1	
DINO0229	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/28/71-09/28/71	0	3	
DINO0017	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/31/80-07/31/80	0	1	
DINO0018	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/98-07/01/98	0	1	
DINO0020	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/03/98-08/03/98	0	1	
DINO0022	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/98-07/01/98	0	1	
DINO0023	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/97-07/30/97	0	1	
DINO0025	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/02/98-07/02/98	0	1	
DINO0029	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/02/98-07/02/98	0	1	
DINO0030	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/02/98-07/02/98	0	1	
DINO0032	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/29/97-07/29/97	0	1	
DINO0041	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/03/98-07/03/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0044	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/08/97-08/08/97	0	1	
DINO0047	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/03/98-07/03/98	0	1	
DINO0050	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/13/97-08/13/97	0	1	
DINO0051	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/03/98-07/03/98	0	1	
DINO0052	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/97-08/09/97	0	1	
DINO0054	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/98-07/04/98	0	1	
DINO0056	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/98-07/04/98	0	1	
DINO0057	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/97-05/22/98	0	2	
DINO0067	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/97-05/22/98	0	2	
DINO0068	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/31/80-07/31/80	0	1	
DINO0069	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/97-05/22/98	0	2	
DINO0071	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/18/97-05/22/98	0	2	
DINO0081	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	0	1	
DINO0088	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/98-07/04/98	0	1	
DINO0090	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-07/13/98	0	2	
DINO0101	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/06/83-09/06/83	0	1	
DINO0102	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	0	1	
DINO0109	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-07/12/98	0	2	
DINO0112	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/98-06/15/98	0	1	
DINO0113	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-07/13/98	0	2	
DINO0114	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/98-08/04/98	0	1	
DINO0116	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/98-08/04/98	0	1	
DINO0117	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/98-08/05/98	0	1	
DINO0119	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/25/98-07/25/98	0	1	
DINO0120	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/07/83-09/07/83	0	1	
DINO0122	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/98-06/15/98	0	1	
DINO0126	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/16/98-06/16/98	0	1	
DINO0127	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	0	1	
DINO0132	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	0	1	
DINO0140	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/26/98-07/26/98	0	1	
DINO0142	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	0	1	
DINO0147	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	0	1	
DINO0157	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-07/13/98	0	2	
DINO0163	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/28/97-07/28/97	0	1	
DINO0185	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/21/98-05/21/98	0	1	
DINO0189	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/18/97-08/18/97	0	1	
DINO0197	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/16/98-07/16/98	0	1	
DINO0199	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/20/98-06/20/98	0	1	
DINO0201	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/26/98-06/26/98	0	1	
DINO0202	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	0	1	

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Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0203	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/08/83-09/08/83	0	1	
DINO0204	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/97-08/19/97	0	1	
DINO0209	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/26/92-12/15/99	7	39	
DINO0210	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/22/97-07/14/98	0	2	
DINO0216	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/27/98-06/27/98	0	1	
DINO0217	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/27/98-06/27/98	0	1	
DINO0218	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/28/98-06/28/98	0	1	
DINO0219	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/06/98-08/06/98	0	1	
DINO0221	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/11/98-06/11/98	0	1	
DINO0223	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/19/98-06/19/98	0	1	
DINO0226	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/12/98-06/12/98	0	1	
DINO0233	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/25/86-05/01/96	9	13	
DINO0238	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/23/86-08/26/86	0	2	
DINO0239	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/05/88-04/05/88	0	1	
DINO0240	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/86-08/26/86	0	1	
DINO0241	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/05/88-04/05/88	0	1	
DINO0248	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/10/80-10/28/92	12	6	
DINO0249	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/27/86-04/05/88	1	2	
DINO0250	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/11/87-04/06/88	0	2	
DINO0252	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/05/88-04/05/88	0	1	
DINO0255	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/86-04/05/88	1	2	
DINO0018	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/01/98-07/01/98	0	1	
DINO0020	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/03/98-08/03/98	0	1	
DINO0022	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/01/98-07/01/98	0	1	
DINO0023	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/30/97-07/30/97	0	1	
DINO0025	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/02/98-07/02/98	0	1	
DINO0029	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/02/98-07/02/98	0	1	
DINO0030	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/02/98-07/02/98	0	1	
DINO0032	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/29/97-07/29/97	0	1	
DINO0041	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/03/98-07/03/98	0	1	
DINO0044	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/08/97-08/08/97	0	1	
DINO0047	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/03/98-07/03/98	0	1	
DINO0050	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/97-08/13/97	0	1	
DINO0051	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/03/98-07/03/98	0	1	
DINO0052	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/09/97-08/09/97	0	1	
DINO0054	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/04/98-07/04/98	0	1	
DINO0056	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/04/98-07/04/98	0	1	
DINO0057	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/14/97-05/22/98	0	2	
DINO0067	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/14/97-05/22/98	0	2	
DINO0069	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/14/97-05/22/98	0	2	
DINO0071	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/97-05/22/98	0	2	
DINO0081	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	0	1	
DINO0088	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/04/98-07/04/98	0	1	
DINO0089	No	01020	BORON, DISSOLVED (UG/L AS B)	10/19/72-10/19/72	0	1	
DINO0090	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-07/13/98	0	2	
DINO0101	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/06/83-09/06/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0102	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	0	1	
DINO0105	No	01020	BORON, DISSOLVED (UG/L AS B)	05/09/73-05/09/73	0	1	
DINO0109	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-07/12/98	0	2	
DINO0112	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/15/98-06/15/98	0	1	
DINO0113	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-07/13/98	0	2	
DINO0114	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/98-08/04/98	0	1	
DINO0116	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/98-08/04/98	0	1	
DINO0117	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/05/98-08/05/98	0	1	
DINO0119	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/25/98-07/25/98	0	1	
DINO0120	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/07/83-09/07/83	0	1	
DINO0122	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/15/98-06/15/98	0	1	
DINO0126	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/16/98-06/16/98	0	1	
DINO0127	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	0	1	
DINO0130	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/13/67-09/13/67	0	1	
DINO0131	No	01020	BORON, DISSOLVED (UG/L AS B)	05/18/73-05/18/73	0	1	
DINO0132	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	0	1	
DINO0140	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/26/98-07/26/98	0	1	
DINO0142	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	0	1	
DINO0147	No	01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	0	1	
DINO0150	No	01020	BORON, DISSOLVED (UG/L AS B)	08/31/78-08/31/78	0	1	
DINO0153	No	01020	BORON, DISSOLVED (UG/L AS B)	09/10/65-07/30/68	2	2	
DINO0157	No	01020	BORON, DISSOLVED (UG/L AS B)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-07/13/98	0	2	
DINO0160	No	01020	BORON, DISSOLVED (UG/L AS B)	08/31/78-08/31/78	0	1	
DINO0161	No	01020	BORON, DISSOLVED (UG/L AS B)	09/10/65-06/13/68	2	2	
DINO0163	No	01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	0	1	
DINO0168	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/24/69-09/24/69	0	1	
DINO0170	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/28/97-07/28/97	0	1	
DINO0179	No	01020	BORON, DISSOLVED (UG/L AS B)	07/31/68-07/31/68	0	1	
DINO0180	No	01020	BORON, DISSOLVED (UG/L AS B)	05/21/70-05/21/70	0	1	
DINO0184	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/11/68-07/31/68	0	2	
DINO0185	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/21/98-05/21/98	0	1	
DINO0187	No	01020	BORON, DISSOLVED (UG/L AS B)	05/09/73-05/09/73	0	1	
DINO0189	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/97-08/18/97	0	1	
DINO0193	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/12/67-09/12/67	0	1	
DINO0197	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/16/98-07/16/98	0	1	
DINO0198	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/21/70-05/21/70	0	1	
DINO0199	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/20/98-06/20/98	0	1	
DINO0201	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/26/98-06/26/98	0	1	
DINO0202	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	0	1	
DINO0203	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/08/83-09/08/83	0	1	
DINO0204	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/97-08/19/97	0	1	
DINO0208	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	30	236	T,A,S
DINO0209	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	7	117	
DINO0210	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/22/97-07/14/98	0	2	
DINO0216	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/27/98-06/27/98	0	1	
DINO0217	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/27/98-06/27/98	0	1	
DINO0218	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/28/98-06/28/98	0	1	
DINO0219	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/06/98-08/06/98	0	1	
DINO0221	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/11/98-06/11/98	0	1	
DINO0223	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/19/98-06/19/98	0	1	
DINO0226	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/12/98-06/12/98	0	1	
DINO0230	No	01020	BORON, DISSOLVED (UG/L AS B)	02/04/75-08/27/75	0	3	
DINO0233	No	01020	BORON, DISSOLVED (UG/L AS B)	08/30/78-06/02/81	2	11	
DINO0238	No	01020	BORON, DISSOLVED (UG/L AS B)	06/23/86-08/26/86	0	2	
DINO0239	No	01020	BORON, DISSOLVED (UG/L AS B)	04/05/88-04/16/96	8	9	
DINO0240	No	01020	BORON, DISSOLVED (UG/L AS B)	06/23/86-08/11/87	1	3	
DINO0241	No	01020	BORON, DISSOLVED (UG/L AS B)	04/05/88-04/16/96	8	8	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0243	No	01020	BORON, DISSOLVED (UG/L AS B)	03/11/81-05/28/92	11	3	
DINO0244	No	01020	BORON, DISSOLVED (UG/L AS B)	03/11/81-03/11/81	0	1	
DINO0248	No	01020	BORON, DISSOLVED (UG/L AS B)	02/21/80-04/28/81	1	16	
DINO0249	No	01020	BORON, DISSOLVED (UG/L AS B)	06/24/86-04/05/88	1	4	
DINO0250	No	01020	BORON, DISSOLVED (UG/L AS B)	08/11/87-04/06/88	0	2	
DINO0251	No	01020	BORON, DISSOLVED (UG/L AS B)	03/11/81-04/17/81	0	2	
DINO0252	No	01020	BORON, DISSOLVED (UG/L AS B)	04/05/88-04/16/96	8	7	
DINO0253	No	01020	BORON, DISSOLVED (UG/L AS B)	03/10/81-04/17/81	0	2	
DINO0254	No	01020	BORON, DISSOLVED (UG/L AS B)	03/10/81-04/17/81	0	2	
DINO0255	No	01020	BORON, DISSOLVED (UG/L AS B)	06/23/86-09/23/95	9	4	
DINO0012	Yes	01022	BORON, TOTAL (UG/L AS B)	03/27/68-11/23/81	13	55	
DINO0012	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/29/88-04/21/92	3	17	
DINO0016	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/75-11/08/96	21	2	
DINO0023	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/97-07/30/97	0	1	
DINO0032	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/29/97-07/29/97	0	1	
DINO0044	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/08/97-08/08/97	0	1	
DINO0050	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/13/97-08/13/97	0	1	
DINO0052	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/97-08/09/97	0	1	
DINO0057	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/97-08/14/97	0	1	
DINO0067	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/97-08/14/97	0	1	
DINO0069	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/97-08/14/97	0	1	
DINO0071	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/97-08/18/97	0	1	
DINO0081	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	0	1	
DINO0090	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	0	1	
DINO0101	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/06/83-09/06/83	0	1	
DINO0102	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	0	1	
DINO0109	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	0	1	
DINO0113	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	0	1	
DINO0120	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/07/83-09/07/83	0	1	
DINO0127	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	0	1	
DINO0132	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	0	1	
DINO0142	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	0	1	
DINO0147	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	0	1	
DINO0157	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	0	1	
DINO0163	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/28/97-07/28/97	0	1	
DINO0189	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/97-08/18/97	0	1	
DINO0202	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	0	1	
DINO0203	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/08/83-09/08/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0204	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/97-08/19/97	0	1	
DINO0209	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/24/76-12/15/99	23	42	S
DINO0210	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/22/97-09/22/97	0	1	
DINO0230	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/04/75-06/03/75	0	2	
DINO0233	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/25/86-05/01/96	9	13	
DINO0238	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/23/86-08/26/86	0	2	
DINO0239	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/05/88-04/05/88	0	1	
DINO0240	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/23/86-08/26/86	0	2	
DINO0241	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/05/88-04/05/88	0	1	
DINO0248	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/10/80-10/28/92	12	6	
DINO0249	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/24/86-04/05/88	1	3	
DINO0250	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/11/87-04/06/88	0	2	
DINO0252	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/05/88-04/05/88	0	1	
DINO0255	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/23/86-04/05/88	1	3	
DINO0016	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/17/76-08/17/76	0	1	
DINO0026	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/17/76-08/17/76	0	1	
DINO0034	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/18/76-08/18/76	0	1	
DINO0061	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/19/76-08/19/76	0	1	
DINO0107	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/19/76-08/19/76	0	1	
DINO0017	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/31/80-07/31/80	0	1	
DINO0068	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/31/80-07/31/80	0	1	
DINO0101	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/06/83-09/06/83	0	1	
DINO0120	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/07/83-09/07/83	0	1	
DINO0157	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/25/83-10/25/83	0	1	
DINO0203	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/08/83-09/08/83	0	1	
DINO0209	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/77-12/15/99	22	42	S
DINO0233	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/25/86-05/01/96	9	13	
DINO0238	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/23/86-08/26/86	0	2	
DINO0239	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/05/88-04/05/88	0	1	
DINO0240	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/23/86-08/26/86	0	2	
DINO0241	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/05/88-04/05/88	0	1	
DINO0248	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/10/80-10/28/92	12	6	
DINO0249	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/24/86-04/05/88	1	3	
DINO0250	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/11/87-04/06/88	0	2	
DINO0252	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/05/88-04/05/88	0	1	
DINO0255	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/23/86-04/05/88	1	3	
DINO0012	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/68-06/15/76	8	41	
DINO0209	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	7	100	
DINO0230	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/04/75-02/04/75	0	1	
DINO0233	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/06/79-06/02/81	2	10	
DINO0243	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/11/81-04/17/81	0	2	
DINO0244	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/11/81-03/11/81	0	1	
DINO0248	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/21/80-04/17/81	1	14	
DINO0251	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/11/81-04/17/81	0	2	
DINO0253	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/10/81-04/17/81	0	2	
DINO0254	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/10/81-04/17/81	0	2	
DINO0016	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	08/26/75-08/26/75	0	1	
DINO0101	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/06/83-09/06/83	0	1	
DINO0120	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/07/83-09/07/83	0	1	
DINO0157	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/25/83-10/25/83	0	1	
DINO0203	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/08/83-09/08/83	0	1	
DINO0016	Yes	01036	COBALT, SUSPENDED (UG/L AS CO)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01037	COBALT, TOTAL (UG/L AS CO)	08/26/75-08/26/75	0	1	
DINO0012	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/29/88-04/21/92	3	14	
DINO0016	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/75-11/08/96	21	2	
DINO0017	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/31/80-07/31/80	0	1	
DINO0068	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/31/80-07/31/80	0	1	
DINO0101	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/06/83-09/06/83	0	1	
DINO0120	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/07/83-09/07/83	0	1	
DINO0157	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/25/83-10/25/83	0	1	
DINO0168	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/24/69-09/24/69	0	1	
DINO0180	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/21/70-05/21/70	0	1	
DINO0198	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/21/70-05/21/70	0	1	
DINO0203	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/08/83-09/08/83	0	1	
DINO0209	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	02/24/76-12/15/99	23	48	S
DINO0230	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/27/75-08/27/75	0	1	

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Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0233	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/86-05/01/96	9	13	
DINO0238	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/23/86-08/26/86	0	2	
DINO0239	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/05/88-04/05/88	0	1	
DINO0240	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/23/86-08/26/86	0	2	
DINO0241	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/05/88-04/05/88	0	1	
DINO0248	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/10/80-10/28/92	12	6	
DINO0249	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/24/86-04/05/88	1	3	
DINO0250	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/11/87-04/06/88	0	2	
DINO0252	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/05/88-04/05/88	0	1	
DINO0255	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/23/86-04/05/88	1	3	
DINO0016	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/17/76-08/17/76	0	1	
DINO0026	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/17/76-08/17/76	0	1	
DINO0034	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/18/76-08/18/76	0	1	
DINO0061	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/19/76-08/19/76	0	1	
DINO0107	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/19/76-08/19/76	0	1	
DINO0016	Yes	01044	IRON, SUSPENDED (UG/L AS FE)	08/26/75-08/26/75	0	1	
DINO0012	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/11/83-07/11/83	0	1	
DINO0016	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/26/75-11/08/96	21	2	
DINO0012	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/29/88-04/21/92	3	17	
DINO0016	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/75-08/26/75	0	1	
DINO0017	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/80-07/31/80	0	1	
DINO0018	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/98-07/01/98	0	1	
DINO0020	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/03/98-08/03/98	0	1	
DINO0022	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/98-07/01/98	0	1	
DINO0023	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/30/97-07/30/97	0	1	
DINO0025	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/02/98-07/02/98	0	1	
DINO0029	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/02/98-07/02/98	0	1	
DINO0030	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/02/98-07/02/98	0	1	
DINO0032	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/29/97-07/29/97	0	1	
DINO0041	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/03/98-07/03/98	0	1	
DINO0044	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/08/97-08/08/97	0	1	
DINO0047	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/03/98-07/03/98	0	1	
DINO0050	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/13/97-08/13/97	0	1	
DINO0051	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/03/98-07/03/98	0	1	
DINO0052	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/09/97-08/09/97	0	1	
DINO0054	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/98-07/04/98	0	1	
DINO0056	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/98-07/04/98	0	1	
DINO0057	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/14/97-05/22/98	0	2	
DINO0067	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/14/97-05/22/98	0	2	
DINO0068	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/80-07/31/80	0	1	
DINO0069	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/14/97-05/22/98	0	2	
DINO0071	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/97-05/22/98	0	2	
DINO0081	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	0	1	
DINO0088	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/98-07/04/98	0	1	
DINO0089	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/19/72-10/19/72	0	1	
DINO0090	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-07/13/98	0	2	
DINO0101	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/06/83-09/06/83	0	1	
DINO0102	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	0	1	

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Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0104	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	0	1	
DINO0105	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/09/73-05/09/73	0	1	
DINO0109	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-07/12/98	0	2	
DINO0112	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/15/98-06/15/98	0	1	
DINO0113	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-07/13/98	0	2	
DINO0114	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/98-08/04/98	0	1	
DINO0116	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/98-08/04/98	0	1	
DINO0117	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/98-08/05/98	0	1	
DINO0119	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/25/98-07/25/98	0	1	
DINO0120	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/83-09/07/83	0	1	
DINO0122	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/15/98-06/15/98	0	1	
DINO0126	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/16/98-06/16/98	0	1	
DINO0127	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	0	1	
DINO0131	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/18/73-05/18/73	0	1	
DINO0132	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	0	1	
DINO0140	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/26/98-07/26/98	0	1	
DINO0142	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	0	1	
DINO0147	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	0	1	
DINO0157	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-07/13/98	0	2	
DINO0163	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/28/97-07/28/97	0	1	
DINO0185	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/21/98-05/21/98	0	1	
DINO0187	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/09/73-05/09/73	0	1	
DINO0189	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/97-08/18/97	0	1	
DINO0197	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/16/98-07/16/98	0	1	
DINO0199	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/20/98-06/20/98	0	1	
DINO0201	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/26/98-06/26/98	0	1	
DINO0202	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	0	1	
DINO0203	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/08/83-09/08/83	0	1	
DINO0204	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/97-08/19/97	0	1	
DINO0209	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/18/76-12/15/99	23	47	S
DINO0210	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/22/97-07/14/98	0	2	
DINO0216	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/27/98-06/27/98	0	1	
DINO0217	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/27/98-06/27/98	0	1	
DINO0218	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/28/98-06/28/98	0	1	
DINO0219	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/06/98-08/06/98	0	1	
DINO0221	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/11/98-06/11/98	0	1	
DINO0222	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/04/50-05/04/50	0	1	
DINO0223	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/19/98-06/19/98	0	1	
DINO0226	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/12/98-06/12/98	0	1	
DINO0230	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/03/75-06/03/75	0	1	
DINO0233	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/25/86-12/16/99	13	16	
DINO0248	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/10/80-10/28/92	12	6	
DINO0012	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/29/88-04/21/92	3	14	
DINO0016	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/75-11/08/96	21	2	
DINO0101	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/06/83-09/06/83	0	1	
DINO0120	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/83-09/07/83	0	1	
DINO0157	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/25/83-10/25/83	0	1	
DINO0203	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/08/83-09/08/83	0	1	
DINO0209	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	02/24/76-12/15/99	23	41	S
DINO0230	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/04/75-02/04/75	0	1	
DINO0233	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/25/86-05/01/96	9	13	
DINO0238	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/23/86-08/26/86	0	2	
DINO0239	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/05/88-04/05/88	0	1	
DINO0240	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/23/86-08/26/86	0	2	
DINO0241	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/05/88-04/05/88	0	1	
DINO0248	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/10/80-10/28/92	12	6	
DINO0249	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/24/86-04/05/88	1	3	

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Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0250	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/11/87-04/06/88	0	2	
DINO0252	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/05/88-04/05/88	0	1	
DINO0255	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/23/86-04/05/88	1	3	
DINO0016	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/17/76-08/17/76	0	1	
DINO0026	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/17/76-08/17/76	0	1	
DINO0034	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/18/76-08/18/76	0	1	
DINO0061	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/19/76-08/19/76	0	1	
DINO0107	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/19/76-08/19/76	0	1	
DINO0016	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/26/75-11/08/96	21	2	
DINO0012	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/29/88-04/21/92	3	17	
DINO0016	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/75-11/08/96	21	2	
DINO0017	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/31/80-07/31/80	0	1	
DINO0018	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/98-07/01/98	0	1	
DINO0020	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/98-08/03/98	0	1	
DINO0022	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/98-07/01/98	0	1	
DINO0023	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/97-07/30/97	0	1	
DINO0025	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/98-07/02/98	0	1	
DINO0029	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/98-07/02/98	0	1	
DINO0030	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/98-07/02/98	0	1	
DINO0032	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/29/97-07/29/97	0	1	
DINO0041	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/03/98-07/03/98	0	1	
DINO0044	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/08/97-08/08/97	0	1	
DINO0047	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/03/98-07/03/98	0	1	
DINO0050	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/97-08/13/97	0	1	
DINO0051	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/03/98-07/03/98	0	1	
DINO0052	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/97-08/09/97	0	1	
DINO0054	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/98-07/04/98	0	1	
DINO0056	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/98-07/04/98	0	1	
DINO0057	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/97-05/22/98	0	2	
DINO0067	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/97-05/22/98	0	2	
DINO0068	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/31/80-07/31/80	0	1	
DINO0069	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/97-05/22/98	0	2	
DINO0071	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/97-05/22/98	0	2	
DINO0081	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	0	1	
DINO0088	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/98-07/04/98	0	1	
DINO0089	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/19/72-10/19/72	0	1	
DINO0090	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-07/13/98	0	2	
DINO0101	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/06/83-09/06/83	0	1	
DINO0102	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	0	1	
DINO0105	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/09/73-05/09/73	0	1	
DINO0109	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-07/12/98	0	2	
DINO0112	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/98-06/15/98	0	1	
DINO0113	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-07/13/98	0	2	
DINO0114	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/98-08/04/98	0	1	
DINO0116	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/98-08/04/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0117	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/98-08/05/98	0	1	
DINO0119	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/98-07/25/98	0	1	
DINO0120	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/83-09/07/83	0	1	
DINO0122	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/98-06/15/98	0	1	
DINO0126	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/16/98-06/16/98	0	1	
DINO0127	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	0	1	
DINO0131	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/18/73-05/18/73	0	1	
DINO0132	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	0	1	
DINO0140	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/98-07/26/98	0	1	
DINO0142	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	0	1	
DINO0147	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	0	1	
DINO0157	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-07/13/98	0	2	
DINO0163	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/28/97-07/28/97	0	1	
DINO0185	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/21/98-05/21/98	0	1	
DINO0187	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/09/73-05/09/73	0	1	
DINO0189	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/97-08/18/97	0	1	
DINO0197	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/16/98-07/16/98	0	1	
DINO0199	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/98-06/20/98	0	1	
DINO0201	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/26/98-06/26/98	0	1	
DINO0202	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	0	1	
DINO0203	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/08/83-09/08/83	0	1	
DINO0204	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/97-08/19/97	0	1	
DINO0209	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/92-12/15/99	7	39	
DINO0210	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/22/97-07/14/98	0	2	
DINO0216	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/98-06/27/98	0	1	
DINO0217	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/98-06/27/98	0	1	
DINO0218	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/98-06/28/98	0	1	
DINO0219	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/06/98-08/06/98	0	1	
DINO0221	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/11/98-06/11/98	0	1	
DINO0223	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/19/98-06/19/98	0	1	
DINO0226	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/12/98-06/12/98	0	1	
DINO0230	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/04/75-02/04/75	0	1	
DINO0233	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/13/83-05/01/96	12	14	
DINO0245	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/82-08/10/82	0	1	
DINO0248	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/10/80-10/28/92	12	6	
DINO0238	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/23/86-08/26/86	0	2	
DINO0239	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/05/88-04/05/88	0	1	
DINO0240	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/23/86-08/26/86	0	2	
DINO0241	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/05/88-04/05/88	0	1	
DINO0249	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/24/86-04/05/88	1	3	
DINO0250	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/11/87-04/06/88	0	2	
DINO0252	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/05/88-04/05/88	0	1	
DINO0255	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/23/86-04/05/88	1	3	
DINO0016	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/26/75-08/26/75	0	1	
DINO0101	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/06/83-09/06/83	0	1	
DINO0120	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/07/83-09/07/83	0	1	
DINO0157	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/25/83-10/25/83	0	1	
DINO0203	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/08/83-09/08/83	0	1	
DINO0209	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	0	1	
DINO0230	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/04/75-06/03/75	0	2	
DINO0233	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/13/83-09/13/83	0	1	
DINO0238	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/23/86-08/26/86	0	2	
DINO0239	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/05/88-04/05/88	0	1	
DINO0240	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/23/86-08/26/86	0	2	
DINO0241	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/05/88-04/05/88	0	1	
DINO0248	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/10/80-08/20/80	0	2	
DINO0249	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/24/86-04/05/88	1	3	
DINO0250	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/11/87-04/06/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0252	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/05/88-04/05/88	0	1	
DINO0255	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/23/86-04/05/88	1	3	
DINO0016	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/17/76-08/17/76	0	1	
DINO0026	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/17/76-08/17/76	0	1	
DINO0034	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/18/76-08/18/76	0	1	
DINO0061	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/19/76-08/19/76	0	1	
DINO0107	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/19/76-08/19/76	0	1	
DINO0012	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	12/12/78-11/23/81	2	7	
DINO0012	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/88-08/09/88	0	1	
DINO0016	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	11/08/96-11/08/96	0	1	
DINO0023	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/30/97-07/30/97	0	1	
DINO0032	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/29/97-07/29/97	0	1	
DINO0044	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/08/97-08/08/97	0	1	
DINO0050	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/13/97-08/13/97	0	1	
DINO0052	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/97-08/09/97	0	1	
DINO0057	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/14/97-08/14/97	0	1	
DINO0067	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/14/97-08/14/97	0	1	
DINO0069	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/14/97-08/14/97	0	1	
DINO0071	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/18/97-08/18/97	0	1	
DINO0081	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	0	1	
DINO0090	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	0	1	
DINO0101	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/06/83-09/06/83	0	1	
DINO0102	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	0	1	
DINO0109	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	0	1	
DINO0113	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	0	1	
DINO0120	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/07/83-09/07/83	0	1	
DINO0127	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	0	1	
DINO0132	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	0	1	
DINO0142	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	0	1	
DINO0147	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	0	1	
DINO0157	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	0	1	
DINO0163	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/28/97-07/28/97	0	1	
DINO0189	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/18/97-08/18/97	0	1	
DINO0202	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	0	1	
DINO0203	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/08/83-09/08/83	0	1	
DINO0204	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/19/97-08/19/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0206	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/19/97-08/19/97	0	1	
DINO0209	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/26/92-12/15/99	7	39	
DINO0210	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/22/97-09/22/97	0	1	
DINO0230	No	01075	SILVER, DISSOLVED (UG/L AS AG)	02/04/75-02/04/75	0	1	
DINO0233	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/25/86-05/01/96	9	13	
DINO0238	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/23/86-08/26/86	0	2	
DINO0239	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/05/88-04/05/88	0	1	
DINO0240	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/23/86-08/26/86	0	2	
DINO0241	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/05/88-04/05/88	0	1	
DINO0248	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/10/80-10/28/92	12	6	
DINO0249	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/24/86-04/05/88	1	3	
DINO0250	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/11/87-04/06/88	0	2	
DINO0252	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/05/88-04/05/88	0	1	
DINO0255	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/23/86-04/05/88	1	3	
DINO0012	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	11/26/68-05/09/83	14	29	
DINO0018	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/01/98-07/01/98	0	1	
DINO0020	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/98-08/03/98	0	1	
DINO0022	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/01/98-07/01/98	0	1	
DINO0023	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/30/97-07/30/97	0	1	
DINO0025	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/02/98-07/02/98	0	1	
DINO0029	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/02/98-07/02/98	0	1	
DINO0030	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/02/98-07/02/98	0	1	
DINO0032	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/29/97-07/29/97	0	1	
DINO0041	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/03/98-07/03/98	0	1	
DINO0044	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/08/97-08/08/97	0	1	
DINO0047	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/03/98-07/03/98	0	1	
DINO0050	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/97-08/13/97	0	1	
DINO0051	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/03/98-07/03/98	0	1	
DINO0052	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/09/97-08/09/97	0	1	
DINO0054	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/98-07/04/98	0	1	
DINO0056	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/98-07/04/98	0	1	
DINO0057	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/97-05/22/98	0	2	
DINO0067	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/97-05/22/98	0	2	
DINO0069	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/97-05/22/98	0	2	
DINO0071	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/97-05/22/98	0	2	
DINO0081	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	0	1	
DINO0088	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/98-07/04/98	0	1	
DINO0090	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-07/13/98	0	2	
DINO0102	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	0	1	
DINO0109	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-07/12/98	0	2	
DINO0112	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/98-06/15/98	0	1	
DINO0113	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-07/13/98	0	2	
DINO0114	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/98-08/04/98	0	1	
DINO0116	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/98-08/04/98	0	1	
DINO0117	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/98-08/05/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0119	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/25/98-07/25/98	0	1	
DINO0122	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/98-06/15/98	0	1	
DINO0126	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/16/98-06/16/98	0	1	
DINO0127	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	0	1	
DINO0132	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	0	1	
DINO0140	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/26/98-07/26/98	0	1	
DINO0142	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	0	1	
DINO0147	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	0	1	
DINO0157	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-07/13/98	0	2	
DINO0163	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/28/97-07/28/97	0	1	
DINO0185	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/21/98-05/21/98	0	1	
DINO0189	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/97-08/18/97	0	1	
DINO0197	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/16/98-07/16/98	0	1	
DINO0199	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/20/98-06/20/98	0	1	
DINO0201	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/26/98-06/26/98	0	1	
DINO0202	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	0	1	
DINO0204	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/97-08/19/97	0	1	
DINO0210	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/22/97-07/14/98	0	2	
DINO0216	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/27/98-06/27/98	0	1	
DINO0217	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/27/98-06/27/98	0	1	
DINO0218	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/28/98-06/28/98	0	1	
DINO0219	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/06/98-08/06/98	0	1	
DINO0221	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/11/98-06/11/98	0	1	
DINO0223	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/19/98-06/19/98	0	1	
DINO0226	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/12/98-06/12/98	0	1	
DINO0016	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/26/75-08/26/75	0	1	
DINO0023	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/30/97-07/30/97	0	1	
DINO0032	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/29/97-07/29/97	0	1	
DINO0044	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/08/97-08/08/97	0	1	
DINO0050	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/13/97-08/13/97	0	1	
DINO0052	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/09/97-08/09/97	0	1	
DINO0057	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/14/97-08/14/97	0	1	
DINO0067	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/14/97-08/14/97	0	1	
DINO0069	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/14/97-08/14/97	0	1	
DINO0071	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/18/97-08/18/97	0	1	
DINO0081	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	0	1	
DINO0090	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/07/97-08/07/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0100	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	0	1	
DINO0102	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	0	1	
DINO0109	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	0	1	
DINO0113	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	0	1	
DINO0127	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	0	1	
DINO0132	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	0	1	
DINO0142	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	0	1	
DINO0147	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	0	1	
DINO0158	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	0	1	
DINO0163	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/28/97-07/28/97	0	1	
DINO0189	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/18/97-08/18/97	0	1	
DINO0202	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	0	1	
DINO0204	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/19/97-08/19/97	0	1	
DINO0210	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/22/97-09/22/97	0	1	
DINO0238	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	06/23/86-08/26/86	0	2	
DINO0239	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	04/05/88-04/05/88	0	1	
DINO0240	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	06/23/86-08/26/86	0	2	
DINO0241	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	04/05/88-04/05/88	0	1	
DINO0249	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	06/24/86-04/05/88	1	3	
DINO0250	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/11/87-04/06/88	0	2	
DINO0252	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	04/05/88-04/05/88	0	1	
DINO0255	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	06/23/86-04/05/88	1	3	
DINO0012	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/29/88-04/21/92	3	17	
DINO0016	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/75-11/08/96	21	2	
DINO0018	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/01/98-07/01/98	0	1	
DINO0020	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/03/98-08/03/98	0	1	
DINO0022	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/01/98-07/01/98	0	1	
DINO0023	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/97-07/30/97	0	1	
DINO0025	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/02/98-07/02/98	0	1	
DINO0029	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/02/98-07/02/98	0	1	
DINO0030	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/02/98-07/02/98	0	1	
DINO0032	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/97-07/29/97	0	1	
DINO0041	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/98-07/03/98	0	1	
DINO0044	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/08/97-08/08/97	0	1	
DINO0047	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/98-07/03/98	0	1	
DINO0050	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/13/97-08/13/97	0	1	
DINO0051	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/98-07/03/98	0	1	
DINO0052	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/97-08/09/97	0	1	
DINO0054	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/98-07/04/98	0	1	
DINO0056	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/98-07/04/98	0	1	
DINO0057	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/97-05/22/98	0	2	
DINO0067	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/97-05/22/98	0	2	
DINO0069	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/97-05/22/98	0	2	
DINO0071	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/97-05/22/98	0	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0081	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	0	1	
DINO0088	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/98-07/04/98	0	1	
DINO0090	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-07/13/98	0	2	
DINO0101	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/06/83-09/06/83	0	1	
DINO0102	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	0	1	
DINO0109	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-07/12/98	0	2	
DINO0112	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/98-06/15/98	0	1	
DINO0113	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-07/13/98	0	2	
DINO0114	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/98-08/04/98	0	1	
DINO0116	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/98-08/04/98	0	1	
DINO0117	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/98-08/05/98	0	1	
DINO0119	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/25/98-07/25/98	0	1	
DINO0120	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/83-09/07/83	0	1	
DINO0122	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/98-06/15/98	0	1	
DINO0126	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/98-06/16/98	0	1	
DINO0127	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	0	1	
DINO0132	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	0	1	
DINO0140	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/26/98-07/26/98	0	1	
DINO0142	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	0	1	
DINO0147	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	0	1	
DINO0157	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-07/13/98	0	2	
DINO0163	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/28/97-07/28/97	0	1	
DINO0185	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/21/98-05/21/98	0	1	
DINO0189	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/97-08/18/97	0	1	
DINO0197	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/16/98-07/16/98	0	1	
DINO0199	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/98-06/20/98	0	1	
DINO0201	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/26/98-06/26/98	0	1	
DINO0202	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	0	1	
DINO0203	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/08/83-09/08/83	0	1	
DINO0204	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/97-08/19/97	0	1	
DINO0209	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/25/77-12/15/99	22	45	S
DINO0210	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/22/97-07/14/98	0	2	
DINO0216	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/27/98-06/27/98	0	1	
DINO0217	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/27/98-06/27/98	0	1	
DINO0218	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/28/98-06/28/98	0	1	
DINO0219	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/06/98-08/06/98	0	1	
DINO0221	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/11/98-06/11/98	0	1	
DINO0223	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/19/98-06/19/98	0	1	
DINO0226	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/12/98-06/12/98	0	1	
DINO0230	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/04/75-06/03/75	0	2	
DINO0233	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/25/86-05/01/96	9	13	
DINO0238	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/23/86-08/26/86	0	2	
DINO0239	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/05/88-04/16/96	8	9	
DINO0240	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/23/86-08/11/87	1	4	
DINO0241	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/05/88-04/16/96	8	8	
DINO0248	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/10/80-10/28/92	12	6	
DINO0249	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/24/86-04/05/88	1	4	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0250	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/11/87-04/06/88	0	2	
DINO0252	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/05/88-04/16/96	8	8	
DINO0255	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/23/86-04/16/96	9	11	
DINO0016	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/26/75-08/26/75	0	1	
DINO0012	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	03/27/68-06/29/88	20	108	
DINO0016	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/26/75-08/26/75	0	1	
DINO0016	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/17/76-08/17/76	0	1	
DINO0026	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/17/76-08/17/76	0	1	
DINO0034	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/18/76-08/18/76	0	1	
DINO0061	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/19/76-08/19/76	0	1	
DINO0107	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/19/76-08/19/76	0	1	
DINO0012	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	12/12/78-11/23/81	2	7	
DINO0023	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/97-07/30/97	0	1	
DINO0032	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/29/97-07/29/97	0	1	
DINO0044	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/08/97-08/08/97	0	1	
DINO0050	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/97-08/13/97	0	1	
DINO0052	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/09/97-08/09/97	0	1	
DINO0057	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/14/97-08/14/97	0	1	
DINO0067	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/14/97-08/14/97	0	1	
DINO0069	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/14/97-08/14/97	0	1	
DINO0071	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/97-08/18/97	0	1	
DINO0081	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	0	1	
DINO0090	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	0	1	
DINO0101	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/06/83-09/06/83	0	1	
DINO0102	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	0	1	
DINO0109	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	0	1	
DINO0113	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	0	1	
DINO0120	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/07/83-09/07/83	0	1	
DINO0127	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	0	1	
DINO0132	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	0	1	
DINO0142	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	0	1	
DINO0147	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	0	1	
DINO0157	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	0	1	
DINO0163	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/28/97-07/28/97	0	1	
DINO0189	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/97-08/18/97	0	1	
DINO0202	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	0	1	
DINO0203	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/08/83-09/08/83	0	1	
DINO0204	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/97-08/19/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0206	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/97-08/19/97	0	1	
DINO0209	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/16/94-12/15/99	5	24	
DINO0210	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/22/97-09/22/97	0	1	
DINO0233	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/25/95-05/01/96	1	5	
DINO0012	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	03/27/68-06/29/88	20	108	
DINO0012	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	03/27/68-06/29/88	20	109	
DINO0012	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/23/76-11/15/77	1	8	
DINO0012	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	03/27/68-06/29/88	20	104	
DINO0012	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/27/68-06/29/88	20	109	
DINO0012	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	02/02/71-07/19/77	6	22	
DINO0018	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/01/98-07/01/98	0	1	
DINO0020	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/98-08/03/98	0	1	
DINO0022	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/01/98-07/01/98	0	1	
DINO0023	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/30/97-07/30/97	0	1	
DINO0025	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/02/98-07/02/98	0	1	
DINO0029	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/02/98-07/02/98	0	1	
DINO0030	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/02/98-07/02/98	0	1	
DINO0032	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/29/97-07/29/97	0	1	
DINO0041	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/03/98-07/03/98	0	1	
DINO0044	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/08/97-08/08/97	0	1	
DINO0047	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/03/98-07/03/98	0	1	
DINO0050	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/13/97-08/13/97	0	1	
DINO0051	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/03/98-07/03/98	0	1	
DINO0052	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/09/97-08/09/97	0	1	
DINO0054	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/98-07/04/98	0	1	
DINO0056	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/98-07/04/98	0	1	
DINO0057	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/97-05/22/98	0	2	
DINO0067	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/97-05/22/98	0	2	
DINO0069	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/97-05/22/98	0	2	
DINO0071	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/97-05/22/98	0	2	
DINO0081	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/97-08/18/97	0	1	
DINO0084	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	0	1	
DINO0088	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/98-07/04/98	0	1	
DINO0090	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-07/13/98	0	2	
DINO0101	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/06/83-09/06/83	0	1	
DINO0102	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	0	1	
DINO0109	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-07/12/98	0	2	
DINO0112	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/15/98-06/15/98	0	1	
DINO0113	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-07/13/98	0	2	
DINO0114	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/98-08/04/98	0	1	
DINO0116	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/98-08/04/98	0	1	
DINO0117	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/98-08/05/98	0	1	
DINO0119	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/25/98-07/25/98	0	1	
DINO0120	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/07/83-09/07/83	0	1	
DINO0122	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/15/98-06/15/98	0	1	
DINO0126	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/16/98-06/16/98	0	1	

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Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0127	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	0	1	
DINO0132	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	0	1	
DINO0140	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/26/98-07/26/98	0	1	
DINO0142	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	0	1	
DINO0147	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	0	1	
DINO0157	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/25/83-10/25/83	0	1	
DINO0158	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-07/13/98	0	2	
DINO0163	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/28/97-07/28/97	0	1	
DINO0185	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/21/98-05/21/98	0	1	
DINO0189	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/97-08/18/97	0	1	
DINO0197	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/16/98-07/16/98	0	1	
DINO0199	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/20/98-06/20/98	0	1	
DINO0201	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/26/98-06/26/98	0	1	
DINO0202	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	0	1	
DINO0203	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/08/83-09/08/83	0	1	
DINO0204	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/97-08/19/97	0	1	
DINO0210	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/22/97-07/14/98	0	2	
DINO0216	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/27/98-06/27/98	0	1	
DINO0217	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/27/98-06/27/98	0	1	
DINO0218	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/28/98-06/28/98	0	1	
DINO0219	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/06/98-08/06/98	0	1	
DINO0221	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/11/98-06/11/98	0	1	
DINO0223	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/19/98-06/19/98	0	1	
DINO0226	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/12/98-06/12/98	0	1	
DINO0018	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/01/98-07/01/98	0	1	
DINO0020	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/03/98-08/03/98	0	1	
DINO0022	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/01/98-07/01/98	0	1	
DINO0023	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/30/97-07/30/97	0	1	
DINO0025	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/02/98-07/02/98	0	1	
DINO0029	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/02/98-07/02/98	0	1	
DINO0030	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/02/98-07/02/98	0	1	
DINO0032	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/30/97-07/30/97	0	1	
DINO0036	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/29/97-07/29/97	0	1	
DINO0038	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/29/97-07/29/97	0	1	
DINO0041	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/03/98-07/03/98	0	1	
DINO0044	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/14/97-08/14/97	0	1	
DINO0045	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/08/97-08/08/97	0	1	
DINO0047	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/03/98-07/03/98	0	1	
DINO0050	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/13/97-08/13/97	0	1	
DINO0051	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/03/98-07/03/98	0	1	
DINO0052	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/09/97-08/09/97	0	1	
DINO0053	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/09/97-08/09/97	0	1	
DINO0054	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/98-07/04/98	0	1	
DINO0056	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/98-07/04/98	0	1	
DINO0057	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/13/97-08/13/97	0	1	
DINO0058	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/21/97-08/21/97	0	1	
DINO0063	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	0	1	
DINO0066	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/14/97-05/22/98	0	2	
DINO0067	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/14/97-05/22/98	0	2	
DINO0069	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/14/97-05/22/98	0	2	
DINO0071	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/07/97-08/07/97	0	1	
DINO0072	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	0	1	
DINO0073	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	0	1	
DINO0075	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	0	1	
DINO0076	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/03/97-08/03/97	0	1	
DINO0078	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	0	1	
DINO0079	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/18/97-05/22/98	0	2	
DINO0081	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/15/97-08/15/97	0	1	
DINO0083	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/18/97-08/18/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0084	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	09/20/97-09/20/97	0	1	
DINO0085	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	0	1	
DINO0086	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	0	1	
DINO0088	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/98-07/04/98	0	1	
DINO0090	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	09/20/97-09/20/97	0	1	
DINO0091	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/03/97-08/03/97	0	1	
DINO0092	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/07/97-08/07/97	0	1	
DINO0094	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/07/97-08/07/97	0	1	
DINO0095	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/07/97-08/07/97	0	1	
DINO0100	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-07/13/98	0	2	
DINO0102	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	0	1	
DINO0104	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	0	1	
DINO0109	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	0	1	
DINO0110	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-07/12/98	0	2	
DINO0112	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/15/98-06/15/98	0	1	
DINO0113	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-07/13/98	0	2	
DINO0114	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/98-08/04/98	0	1	
DINO0116	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/98-08/04/98	0	1	
DINO0117	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/98-08/05/98	0	1	
DINO0119	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/25/98-07/25/98	0	1	
DINO0122	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/15/98-06/15/98	0	1	
DINO0126	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/16/98-06/16/98	0	1	
DINO0127	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	0	1	
DINO0129	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	0	1	
DINO0132	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	0	1	
DINO0133	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	0	1	
DINO0136	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	0	1	
DINO0140	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/26/98-07/26/98	0	1	
DINO0142	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	0	1	
DINO0147	No	01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	0	1	
DINO0158	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	0	1	
DINO0159	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-07/13/98	0	2	
DINO0163	No	01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	0	1	
DINO0164	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	0	1	
DINO0165	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	0	1	
DINO0166	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	0	1	
DINO0170	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/28/97-07/28/97	0	1	
DINO0185	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	05/21/98-05/21/98	0	1	
DINO0189	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/18/97-08/18/97	0	1	
DINO0192	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/18/97-08/18/97	0	1	
DINO0197	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/16/98-07/16/98	0	1	
DINO0199	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/20/98-06/20/98	0	1	
DINO0201	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/26/98-06/26/98	0	1	
DINO0202	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	0	1	
DINO0204	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/19/97-08/19/97	0	1	
DINO0206	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	09/22/97-09/22/97	0	1	
DINO0207	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/19/97-08/19/97	0	1	
DINO0210	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/19/97-08/19/97	0	1	
DINO0211	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/19/97-08/19/97	0	1	
DINO0213	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	09/22/97-07/14/98	0	2	
DINO0216	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/27/98-06/27/98	0	1	
DINO0217	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/27/98-06/27/98	0	1	
DINO0218	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/28/98-06/28/98	0	1	
DINO0219	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/06/98-08/06/98	0	1	
DINO0221	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/11/98-06/11/98	0	1	
DINO0223	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/19/98-06/19/98	0	1	
DINO0226	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	06/12/98-06/12/98	0	1	
DINO0016	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/26/75-11/08/96	21	2	
DINO0101	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/06/83-09/06/83	0	1	
DINO0120	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/07/83-09/07/83	0	1	
DINO0157	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/25/83-10/25/83	0	1	
DINO0203	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/08/83-09/08/83	0	1	
DINO0208	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/87-04/03/96	8	41	
DINO0209	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/18/76-12/15/99	23	47	S
DINO0233	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/25/86-05/01/96	9	13	
DINO0234	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/28/89-06/28/89	0	1	
DINO0235	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/27/89-06/27/89	0	1	
DINO0238	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/23/86-08/28/91	5	3	
DINO0240	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/23/86-08/11/87	1	4	
DINO0241	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/05/88-03/26/96	7	13	
DINO0242	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/30/88-11/30/88	0	1	
DINO0243	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/23/91-05/28/92	0	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0246	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/28/89-06/28/89	0	1	
DINO0248	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/10/80-10/28/92	12	8	
DINO0249	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/24/86-04/26/89	2	6	
DINO0252	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/23/95-09/23/95	0	1	
DINO0255	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/23/86-04/03/87	0	3	
DINO0016	Yes	01146	SELENIUM, SUSPENDED (UG/L AS SE)	08/26/75-08/26/75	0	1	
DINO0012	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	03/27/68-11/23/81	13	46	
DINO0016	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	08/26/75-08/26/75	0	1	
DINO0249	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/04/87-10/24/88	0	2	
DINO0250	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/04/87-11/04/87	0	1	
DINO0249	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/01/87-04/01/87	0	1	
DINO0252	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/26/89-07/26/89	0	1	
DINO0229	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	09/28/71-09/28/71	0	3	
DINO0160	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/08/82-10/26/82	0	4	
DINO0209	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	14	198	
DINO0233	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/78-04/22/92	13	95	
DINO0243	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-10/28/92	11	50	
DINO0244	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/09/81-06/04/85	3	11	
DINO0248	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	12	118	
DINO0251	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/27/82-04/27/82	0	1	
DINO0016	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/17/76-08/17/76	0	1	
DINO0026	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/17/76-08/17/76	0	1	
DINO0034	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/18/76-08/18/76	0	1	
DINO0061	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/19/76-08/19/76	0	1	
DINO0107	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/19/76-08/19/76	0	1	
DINO0209	Yes	01501	ALPHA, TOTAL	05/03/77-05/15/90	13	8	
DINO0233	No	01501	ALPHA, TOTAL	06/30/99-12/16/99	0	3	
DINO0012	Yes	01503	ALPHA, DISSOLVED	09/10/70-12/13/76	6	12	
DINO0209	Yes	03501	BETA, TOTAL	05/18/76-05/15/90	13	29	
DINO0230	No	03501	BETA, TOTAL	06/03/75-06/03/75	0	1	
DINO0233	No	03501	BETA, TOTAL	06/30/99-12/16/99	0	3	
DINO0012	Yes	03503	BETA, DISSOLVED	06/17/69-05/10/77	7	11	
DINO0238	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	0	2	
DINO0240	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	0	2	
DINO0249	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	06/24/86-08/27/86	0	2	
DINO0250	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/11/87-08/11/87	0	1	
DINO0255	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	0	2	
DINO0238	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	0	2	
DINO0240	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	0	2	
DINO0249	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	06/24/86-08/27/86	0	2	
DINO0250	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	08/11/87-08/11/87	0	1	
DINO0255	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	0	2	
DINO0252	No	04102	BETA, DRY WEIGHT,SEDIMENT,(AS SR,Y-90) PCI/G	07/15/92-07/15/92	0	1	
DINO0255	No	04102	BETA, DRY WEIGHT,SEDIMENT,(AS SR,Y-90) PCI/G	07/15/92-07/15/92	0	1	
DINO0252	No	04111	URANIUM-234,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	07/15/92-07/15/92	0	1	
DINO0255	No	04111	URANIUM-234,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	07/15/92-07/15/92	0	1	
DINO0252	No	04112	URANIUM-235,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	07/15/92-07/15/92	0	1	
DINO0255	No	04112	URANIUM-235,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	07/15/92-07/15/92	0	1	
DINO0252	No	04125	ALPHA, DRY WEIGHT, SEDIMENT (AS TH-230) PCI/G	07/15/92-07/15/92	0	1	
DINO0255	No	04125	ALPHA, DRY WEIGHT, SEDIMENT (AS TH-230) PCI/G	07/15/92-07/15/92	0	1	
DINO0209	Yes	04257	ALDICARB SULFONE, TOTAL, WATER UG/L	10/01/91-10/01/91	0	1	
DINO0209	Yes	04258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	10/01/91-10/01/91	0	1	
DINO0209	Yes	04260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	10/01/91-10/01/91	0	1	
DINO0101	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/06/83-09/06/83	0	1	
DINO0203	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/08/83-09/08/83	0	1	
DINO0209	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/10/80-08/13/86	6	19	
DINO0239	No	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	07/27/88-07/27/88	0	1	
DINO0241	No	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	07/27/88-07/27/88	0	1	
DINO0252	No	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	07/27/88-07/27/88	0	1	
DINO0255	No	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	07/27/88-07/27/88	0	1	
DINO0209	Yes	09501	RADIUM 226, TOTAL	05/03/77-04/25/89	11	15	
DINO0012	Yes	09503	RADIUM 226, DISSOLVED	09/10/70-09/10/70	0	1	
DINO0238	No	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/23/86-08/26/86	0	2	
DINO0240	No	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/23/86-08/26/86	0	2	
DINO0249	No	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/24/86-08/27/86	0	2	
DINO0255	No	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/23/86-08/26/86	0	2	
DINO0209	Yes	11501	RADIUM 228, TOTAL	04/10/80-08/13/86	6	12	
DINO0233	No	11501	RADIUM 228, TOTAL	08/10/99-12/16/99	0	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0209	Yes	13501	STRONTIUM 90, TOTAL	03/18/81-03/18/81	0	1	
DINO0252	No	22612	URANIUM 235,IN SEDIMENT, (PCI/G OF DRY SOLID	07/15/92-07/15/92	0	1	
DINO0255	No	22612	URANIUM 235,IN SEDIMENT, (PCI/G OF DRY SOLID	07/15/92-07/15/92	0	1	
DINO0012	Yes	22703	URANIUM, NATURAL, DISSOLVED	05/09/79-05/09/83	4	7	
DINO0013	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	0	1	
DINO0014	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	0	1	
DINO0015	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	0	1	
DINO0017	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/31/80-07/31/80	0	1	
DINO0019	No	22703	URANIUM, NATURAL, DISSOLVED	08/10/78-08/10/78	0	1	
DINO0021	Yes	22703	URANIUM, NATURAL, DISSOLVED	08/16/78-08/16/78	0	1	
DINO0035	No	22703	URANIUM, NATURAL, DISSOLVED	09/25/77-09/25/77	0	1	
DINO0037	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	0	1	
DINO0042	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/77-09/21/77	0	1	
DINO0043	No	22703	URANIUM, NATURAL, DISSOLVED	08/08/78-08/08/78	0	1	
DINO0046	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0048	No	22703	URANIUM, NATURAL, DISSOLVED	08/13/78-08/13/78	0	1	
DINO0049	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	0	1	
DINO0059	No	22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	0	1	
DINO0060	No	22703	URANIUM, NATURAL, DISSOLVED	09/25/77-09/25/77	0	1	
DINO0064	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0068	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/31/80-07/31/80	0	1	
DINO0070	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0074	No	22703	URANIUM, NATURAL, DISSOLVED	08/04/78-08/04/78	0	1	
DINO0077	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/29/78-07/29/78	0	1	
DINO0080	No	22703	URANIUM, NATURAL, DISSOLVED	08/15/78-08/15/78	0	1	
DINO0087	No	22703	URANIUM, NATURAL, DISSOLVED	09/17/77-09/17/77	0	1	
DINO0097	No	22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	0	1	
DINO0098	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	0	1	
DINO0099	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0106	No	22703	URANIUM, NATURAL, DISSOLVED	08/08/78-08/08/78	0	1	
DINO0111	Yes	22703	URANIUM, NATURAL, DISSOLVED	08/04/78-08/04/78	0	1	
DINO0123	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	0	1	
DINO0125	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0134	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	0	1	
DINO0135	No	22703	URANIUM, NATURAL, DISSOLVED	08/09/78-08/09/78	0	1	
DINO0137	No	22703	URANIUM, NATURAL, DISSOLVED	08/16/78-08/16/78	0	1	
DINO0138	No	22703	URANIUM, NATURAL, DISSOLVED	08/16/78-08/16/78	0	1	
DINO0139	No	22703	URANIUM, NATURAL, DISSOLVED	08/02/78-08/02/78	0	1	
DINO0145	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/02/78-07/02/78	0	1	
DINO0148	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0152	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	0	1	
DINO0162	No	22703	URANIUM, NATURAL, DISSOLVED	08/08/78-08/08/78	0	1	
DINO0167	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0169	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0175	No	22703	URANIUM, NATURAL, DISSOLVED	08/10/78-08/10/78	0	1	
DINO0182	Yes	22703	URANIUM, NATURAL, DISSOLVED	08/15/78-08/15/78	0	1	
DINO0183	Yes	22703	URANIUM, NATURAL, DISSOLVED	08/04/78-08/04/78	0	1	
DINO0186	No	22703	URANIUM, NATURAL, DISSOLVED	09/14/77-09/14/77	0	1	
DINO0188	No	22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	0	1	
DINO0194	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0200	Yes	22703	URANIUM, NATURAL, DISSOLVED	08/10/78-08/10/78	0	1	
DINO0205	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
DINO0236	No	22703	URANIUM, NATURAL, DISSOLVED	07/30/78-07/30/78	0	1	
DINO0238	No	22703	URANIUM, NATURAL, DISSOLVED	06/23/86-08/26/86	0	2	
DINO0239	No	22703	URANIUM, NATURAL, DISSOLVED	04/05/88-10/25/95	7	5	
DINO0240	No	22703	URANIUM, NATURAL, DISSOLVED	06/23/86-08/26/86	0	2	
DINO0241	No	22703	URANIUM, NATURAL, DISSOLVED	04/05/88-10/25/95	7	5	
DINO0249	No	22703	URANIUM, NATURAL, DISSOLVED	06/24/86-04/05/88	1	3	
DINO0250	No	22703	URANIUM, NATURAL, DISSOLVED	08/11/87-08/11/87	0	1	
DINO0252	No	22703	URANIUM, NATURAL, DISSOLVED	04/05/88-10/25/95	7	4	
DINO0255	No	22703	URANIUM, NATURAL, DISSOLVED	06/23/86-10/25/95	9	6	
DINO0257	No	22703	URANIUM, NATURAL, DISSOLVED	07/29/78-07/29/78	0	1	
DINO0258	No	22703	URANIUM, NATURAL, DISSOLVED	07/29/78-07/29/78	0	1	
DINO0259	No	22703	URANIUM, NATURAL, DISSOLVED	08/08/78-08/08/78	0	1	
DINO0252	No	28014	URANIUM 234, IN SEDIMENT (PCI/G OF DRY SOLIDS)	07/15/92-07/15/92	0	1	
DINO0255	No	28014	URANIUM 234, IN SEDIMENT (PCI/G OF DRY SOLIDS)	07/15/92-07/15/92	0	1	
DINO0252	No	28016	URANIUM 238, IN SEDIMENT (PCI/G OF DRY SOLIDS)	07/15/92-07/15/92	0	1	
DINO0255	No	28016	URANIUM 238, IN SEDIMENT (PCI/G OF DRY SOLIDS)	07/15/92-07/15/92	0	1	
DINO0209	Yes	30190	DICHLORPROP, WATER, WHOLE, RECOVERABLE UG/L	06/12/91-10/01/91	0	2	
DINO0209	Yes	30192	MCPA, WATER, WHOLE, RECOVERABLE UG/L	06/12/91-10/01/91	0	2	
DINO0209	Yes	30218	DICHLORVOS, WATER, WHOLE, RECOVERABLE UG/L	10/01/91-10/01/91	0	1	
DINO0151	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/19/71-04/13/72	0	12	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0154	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/19/71-04/13/72	0	12	
DINO0155	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/19/71-04/13/72	0	12	
DINO0156	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/19/71-04/13/72	0	12	
DINO0012	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/27/68-04/10/78	10	61	
DINO0143	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/22/77-09/13/77	0	5	
DINO0146	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/18/77-06/22/77	0	3	
DINO0149	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/04/77-06/08/78	0	2	
DINO0150	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/04/77-10/01/80	3	5	
DINO0160	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/04/77-10/01/80	3	4	
DINO0209	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	12	121	
DINO0230	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/09/77-09/21/77	0	6	
DINO0233	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/11/78-10/30/79	1	10	
DINO0248	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/21/80-06/23/82	2	16	
DINO0017	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/80-07/31/80	0	1	
DINO0068	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/80-07/31/80	0	1	
DINO0143	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/25/77-09/13/77	0	4	
DINO0146	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/18/77-06/22/77	0	3	
DINO0149	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/78-06/08/78	0	1	
DINO0150	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/78-10/01/80	2	4	
DINO0160	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/78-08/30/79	1	3	
DINO0209	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	12	99	
DINO0230	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/09/77-09/21/77	0	5	
DINO0233	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/11/78-10/30/79	1	10	
DINO0248	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/21/80-05/27/82	2	17	
DINO0012	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/27/68-04/21/92	24	127	T,S
DINO0151	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	0	12	
DINO0154	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	0	12	
DINO0155	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	0	12	
DINO0156	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	0	12	
DINO0016	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/08/96-11/08/96	0	1	
DINO0017	Yes	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	07/31/80-07/31/80	0	1	
DINO0068	Yes	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	07/31/80-07/31/80	0	1	
DINO0016	Yes	31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	11/08/96-11/08/96	0	1	
DINO0209	Yes	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/03/81-08/25/88	7	41	
DINO0233	No	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/11/78-05/09/78	0	2	
DINO0248	No	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	01/08/81-06/23/82	1	7	
DINO0209	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/14/85-08/14/85	0	1	
DINO0209	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/14/85-08/14/85	0	1	
DINO0209	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	08/14/85-08/14/85	0	1	
DINO0209	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/14/85-08/14/85	0	1	
DINO0209	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	08/14/85-08/14/85	0	1	
DINO0209	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/24/95-05/24/95	0	1	
DINO0233	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/24/95-05/24/95	0	1	
DINO0209	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	09/09/87-10/01/91	4	6	
DINO0209	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	09/09/87-10/01/91	4	6	
DINO0209	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/09/87-10/01/91	4	6	
DINO0209	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	09/09/87-10/01/91	4	6	
DINO0229	No	34474	SILVER WET WGTTISMG/KG	09/28/71-09/28/71	0	3	
DINO0209	Yes	34531	1,2-DICHLOROETHANE TOTWUG/L	08/14/85-08/14/85	0	1	
DINO0240	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/26/86-08/26/86	0	1	
DINO0249	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/27/86-08/27/86	0	1	
DINO0255	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/26/86-08/26/86	0	1	
DINO0209	Yes	34671	PCB - 1016 TOTWUG/L	09/09/87-10/01/91	4	6	
DINO0229	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	09/28/71-09/28/71	0	3	
DINO0229	No	34685	ENDRIN WET WGTTISMG/KG	09/28/71-09/28/71	0	3	
DINO0229	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/28/71-09/28/71	0	3	
DINO0229	No	34687	HEPTACHLOR WET WGTTISMG/KG	09/28/71-09/28/71	0	3	
DINO0209	Yes	34696	NAPHTHALENE TOTWUG/L	05/24/95-05/24/95	0	1	
DINO0233	No	34696	NAPHTHALENE TOTWUG/L	05/24/95-05/24/95	0	1	
DINO0012	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/68-09/12/77	8	39	
DINO0209	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/25/78-07/05/79	1	13	
DINO0233	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/06/79-03/06/79	0	1	
DINO0209	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	06/12/91-10/01/91	0	2	
DINO0209	Yes	38500	METHIOCARB WATER, TOTUG/L	10/01/91-10/01/91	0	1	
DINO0209	Yes	38537	PROPOXUR WATER, TOTUG/L	10/01/91-10/01/91	0	1	
DINO0209	Yes	38865	OXAMYL WATER, TOTUG/L	10/01/91-10/01/91	0	1	
DINO0255	No	38930	PICLORAM,RECOVERABLE FROM BOT MAT,DRYWGT,UG/KG	08/26/86-08/26/86	0	1	
DINO0255	No	38931	DICAMBA,RECOVERABLE FROM BOT MAT,DRYWGT,UG/KG	08/26/86-08/26/86	0	1	
DINO0238	No	39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0209	Yes	39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	10/01/91-10/01/91	0	1	
DINO0238	No	39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0238	No	39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/28/86-08/28/86	0	1	
DINO0209	Yes	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	06/12/91-10/01/91	0	2	
DINO0238	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0209	Yes	39051	METHOMYL IN WHOLE WATER (UG/L)	10/01/91-10/01/91	0	1	
DINO0209	Yes	39053	ALDICARB IN WHOLE WATER (UG/L)	10/01/91-10/01/91	0	1	
DINO0238	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0209	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	06/12/91-10/01/91	0	2	
DINO0238	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0238	No	39056	PROMETONE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39056	PROMETONE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39056	PROMETONE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39056	PROMETONE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0238	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	0	1	
DINO0229	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/28/71-09/28/71	0	3	
DINO0238	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0229	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	09/28/71-09/28/71	0	3	
DINO0209	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	5	7	
DINO0209	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	5	7	
DINO0229	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/28/71-09/28/71	0	3	
DINO0209	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	6	9	
DINO0229	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/28/71-09/28/71	0	3	
DINO0209	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	5	7	
DINO0238	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/09/87-10/01/91	4	6	
DINO0209	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/09/87-10/01/91	4	6	
DINO0209	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/14/85-10/01/91	6	9	
DINO0238	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/28/86-08/28/86	0	1	
DINO0240	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/28/86-08/28/86	0	1	
DINO0249	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/28/86-08/28/86	0	1	
DINO0255	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/28/86-08/28/86	0	1	
DINO0240	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/26/86-08/26/86	0	1	
DINO0249	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/27/86-08/27/86	0	1	
DINO0255	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/26/86-08/26/86	0	1	
DINO0209	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/13/86-10/01/91	5	7	
DINO0238	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/28/86-08/28/86	0	1	
DINO0240	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/28/86-08/28/86	0	1	
DINO0249	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/28/86-08/28/86	0	1	
DINO0255	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/28/86-08/28/86	0	1	
DINO0240	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/26/86-08/26/86	0	1	
DINO0249	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/27/86-08/27/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0255	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/26/86-08/26/86	0	1	
DINO0238	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0238	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0238	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	5	7	
DINO0238	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/86-08/26/86	0	1	
DINO0249	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/27/86-08/27/86	0	1	
DINO0255	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/86-08/26/86	0	1	
DINO0238	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	6	9	
DINO0238	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0238	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	6	9	
DINO0238	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/86-08/26/86	0	1	
DINO0249	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/27/86-08/27/86	0	1	
DINO0255	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/86-08/26/86	0	1	
DINO0229	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/28/71-09/28/71	0	3	
DINO0209	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	5	7	
DINO0238	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	5	7	
DINO0238	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0249	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/26/86-08/26/86	0	1	
DINO0249	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/27/86-08/27/86	0	1	
DINO0255	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	6	8	
DINO0238	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/26/86-08/26/86	0	1	
DINO0249	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/27/86-08/27/86	0	1	
DINO0255	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/26/86-08/26/86	0	1	
DINO0229	No	39482	METHOXYCHLOR IN FISH - UG/KG	09/28/71-09/28/71	0	3	
DINO0209	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	4	6	
DINO0209	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	4	6	
DINO0209	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	4	6	
DINO0209	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	4	6	
DINO0209	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/11/85-10/01/91	6	7	
DINO0209	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	4	6	
DINO0238	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/01/91-10/01/91	0	1	
DINO0238	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0238	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	5	2	
DINO0238	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/01/91-10/01/91	0	1	
DINO0238	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0238	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0238	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0240	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0249	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	08/27/86-08/27/86	0	1	
DINO0255	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	6	9	
DINO0238	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0240	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0249	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/27/86-08/27/86	0	1	
DINO0255	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0240	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0249	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0017	Yes	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/31/80-07/31/80	0	1	
DINO0068	Yes	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/31/80-07/31/80	0	1	
DINO0209	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/11/85-10/01/91	6	7	
DINO0238	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0240	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0249	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/27/86-08/27/86	0	1	
DINO0255	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0240	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	10/01/91-10/01/91	0	1	
DINO0238	No	39755	MIREX, TOTAL (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39755	MIREX, TOTAL (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39755	MIREX, TOTAL (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39755	MIREX, TOTAL (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0209	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	6	8	
DINO0238	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0240	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0249	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/27/86-08/27/86	0	1	
DINO0255	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	0	1	
DINO0240	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0017	Yes	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/31/80-07/31/80	0	1	
DINO0068	Yes	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/31/80-07/31/80	0	1	
DINO0209	Yes	39770	DACTHAL (DCPA) IN WHOLE WATER SAMPLE (UG/L)	08/25/88-04/25/89	0	2	
DINO0229	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/28/71-09/28/71	0	3	
DINO0238	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0238	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0249	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0255	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	0	1	
DINO0240	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0249	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	0	1	
DINO0255	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	0	1	
DINO0017	Yes	45130	ALKYL BENZENE SULFONATE (ABS) IN WATER MG/L	07/31/80-07/31/80	0	1	
DINO0068	Yes	45130	ALKYL BENZENE SULFONATE (ABS) IN WATER MG/L	07/31/80-07/31/80	0	1	
DINO0209	Yes	46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	09/09/87-10/01/91	4	6	
DINO0150	No	50051	FLOW, RATE, INSTANTANEOUS MGD	06/29/94-06/29/94	0	1	
DINO0160	No	50051	FLOW, RATE, INSTANTANEOUS MGD	06/29/94-06/29/94	0	1	
DINO0232	No	50051	FLOW, RATE, INSTANTANEOUS MGD	06/08/82-10/28/92	10	10	
DINO0018	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/01/98-07/01/98	0	1	
DINO0020	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/03/98-08/03/98	0	1	
DINO0022	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/01/98-07/01/98	0	1	
DINO0023	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/30/97-07/30/97	0	1	
DINO0025	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/02/98-07/02/98	0	1	
DINO0029	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/02/98-07/02/98	0	1	
DINO0030	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/02/98-07/02/98	0	1	
DINO0032	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/30/97-07/30/97	0	1	
DINO0036	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/29/97-07/29/97	0	1	
DINO0038	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/29/97-07/29/97	0	1	
DINO0041	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/03/98-07/03/98	0	1	
DINO0044	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/14/97-08/14/97	0	1	
DINO0045	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/08/97-08/08/97	0	1	
DINO0047	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/03/98-07/03/98	0	1	
DINO0050	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/13/97-08/13/97	0	1	
DINO0051	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/03/98-07/03/98	0	1	
DINO0052	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/09/97-08/09/97	0	1	
DINO0053	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/09/97-08/09/97	0	1	
DINO0054	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/04/98-07/04/98	0	1	
DINO0056	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/04/98-07/04/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0057	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/13/97-08/13/97	0	1	
DINO0058	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/21/97-08/21/97	0	1	
DINO0063	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	0	1	
DINO0066	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/14/97-05/22/98	0	2	
DINO0067	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/14/97-05/22/98	0	2	
DINO0069	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/14/97-05/22/98	0	2	
DINO0071	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/07/97-08/07/97	0	1	
DINO0072	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	0	1	
DINO0073	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	0	1	
DINO0075	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	0	1	
DINO0076	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/03/97-08/03/97	0	1	
DINO0078	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	0	1	
DINO0079	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/18/97-05/22/98	0	2	
DINO0081	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/15/97-08/15/97	0	1	
DINO0083	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/18/97-08/18/97	0	1	
DINO0084	Yes	50932	SULFUR, DISSOLVED AS S MG/L	09/20/97-09/20/97	0	1	
DINO0085	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	0	1	
DINO0086	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	0	1	
DINO0088	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/04/98-07/04/98	0	1	
DINO0090	Yes	50932	SULFUR, DISSOLVED AS S MG/L	09/20/97-09/20/97	0	1	
DINO0091	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/03/97-08/03/97	0	1	
DINO0092	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/07/97-08/07/97	0	1	
DINO0094	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/07/97-08/07/97	0	1	
DINO0095	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/07/97-08/07/97	0	1	
DINO0100	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-07/13/98	0	2	
DINO0102	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	0	1	
DINO0104	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	0	1	
DINO0109	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	0	1	
DINO0110	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-07/12/98	0	2	
DINO0112	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/15/98-06/15/98	0	1	
DINO0113	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-07/13/98	0	2	
DINO0114	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/98-08/04/98	0	1	
DINO0116	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/98-08/04/98	0	1	
DINO0117	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/05/98-08/05/98	0	1	
DINO0119	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/25/98-07/25/98	0	1	
DINO0122	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/15/98-06/15/98	0	1	
DINO0126	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/16/98-06/16/98	0	1	
DINO0127	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	0	1	
DINO0129	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	0	1	
DINO0132	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	0	1	
DINO0133	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	0	1	
DINO0136	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	0	1	
DINO0140	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/26/98-07/26/98	0	1	
DINO0142	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	0	1	
DINO0147	No	50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	0	1	
DINO0158	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	0	1	
DINO0159	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-07/13/98	0	2	
DINO0163	No	50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	0	1	
DINO0164	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	0	1	
DINO0165	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	0	1	
DINO0166	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	0	1	
DINO0170	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/28/97-07/28/97	0	1	
DINO0185	Yes	50932	SULFUR, DISSOLVED AS S MG/L	05/21/98-05/21/98	0	1	
DINO0189	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/18/97-08/18/97	0	1	
DINO0192	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/18/97-08/18/97	0	1	
DINO0197	Yes	50932	SULFUR, DISSOLVED AS S MG/L	07/16/98-07/16/98	0	1	
DINO0199	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/20/98-06/20/98	0	1	
DINO0201	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/26/98-06/26/98	0	1	
DINO0202	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	0	1	
DINO0204	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/19/97-08/19/97	0	1	
DINO0206	Yes	50932	SULFUR, DISSOLVED AS S MG/L	09/22/97-09/22/97	0	1	
DINO0207	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/19/97-08/19/97	0	1	
DINO0210	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/19/97-08/19/97	0	1	
DINO0211	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/19/97-08/19/97	0	1	
DINO0213	Yes	50932	SULFUR, DISSOLVED AS S MG/L	09/22/97-07/14/98	0	2	
DINO0216	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/27/98-06/27/98	0	1	
DINO0217	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/27/98-06/27/98	0	1	
DINO0218	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/28/98-06/28/98	0	1	
DINO0219	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/06/98-08/06/98	0	1	
DINO0221	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/11/98-06/11/98	0	1	
DINO0223	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/19/98-06/19/98	0	1	
DINO0226	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/12/98-06/12/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0150	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	11/18/92-10/01/96	3	4	
DINO0160	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/29/94-10/01/96	2	3	
DINO0209	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-12/15/99	8	74	
DINO0231	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	01/06/98-12/16/99	1	6	
DINO0232	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/01/91-01/07/99	7	16	
DINO0233	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-06/30/99	8	34	
DINO0243	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/23/91-09/17/92	0	11	
DINO0248	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-10/28/92	1	16	
DINO0209	Yes	61283	M-XYLENE + P-XYLENE, TOTAL, WATER UG/L	05/24/95-05/24/95	0	1	
DINO0233	No	61283	M-XYLENE + P-XYLENE, TOTAL, WATER UG/L	05/24/95-05/24/95	0	1	
DINO0209	Yes	61291	TOLUENE, TOTAL WATER UG/L	05/24/95-05/24/95	0	1	
DINO0233	No	61291	TOLUENE, TOTAL WATER UG/L	05/24/95-05/24/95	0	1	
DINO0150	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	11/18/92-10/01/96	3	4	
DINO0160	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/29/94-10/01/96	2	3	
DINO0209	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-12/15/99	8	74	
DINO0231	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	01/06/98-12/16/99	1	6	
DINO0232	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/01/91-01/07/99	7	16	
DINO0233	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-06/30/99	8	34	
DINO0243	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/23/91-09/17/92	0	11	
DINO0248	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-10/28/92	1	16	
DINO0012	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/68-04/21/92	24	131	T,S
DINO0017	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/31/80-07/31/80	0	1	
DINO0023	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/97-07/30/97	0	1	
DINO0032	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/97-07/30/97	0	1	
DINO0036	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/29/97-07/29/97	0	1	
DINO0038	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/29/97-07/29/97	0	1	
DINO0044	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	0	1	
DINO0045	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/08/97-08/08/97	0	1	
DINO0050	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/97-08/13/97	0	1	
DINO0052	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/97-08/09/97	0	1	
DINO0053	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/97-08/09/97	0	1	
DINO0057	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/97-08/13/97	0	1	
DINO0058	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/97-08/21/97	0	1	
DINO0063	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	0	1	
DINO0066	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	0	1	
DINO0067	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	0	1	
DINO0068	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/31/80-07/31/80	0	1	
DINO0069	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	0	1	
DINO0071	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/97-08/07/97	0	1	
DINO0072	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	0	1	
DINO0073	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	0	1	
DINO0075	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	0	1	
DINO0076	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/03/97-08/03/97	0	1	
DINO0078	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	0	1	
DINO0079	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/97-08/18/97	0	1	
DINO0081	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/97-08/15/97	0	1	
DINO0083	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/97-08/18/97	0	1	
DINO0084	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/97-09/20/97	0	1	
DINO0085	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	0	1	
DINO0086	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	0	1	
DINO0090	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/97-09/20/97	0	1	
DINO0091	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/03/97-08/03/97	0	1	
DINO0092	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/97-08/07/97	0	1	
DINO0094	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/97-08/07/97	0	1	
DINO0095	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/97-08/07/97	0	1	
DINO0100	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	0	1	
DINO0101	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/06/83-09/06/83	0	1	
DINO0102	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	0	1	
DINO0104	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	0	1	
DINO0108	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/16/47-09/18/48	1	2	
DINO0109	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	0	1	
DINO0110	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	0	1	
DINO0113	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	0	1	
DINO0120	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/83-09/07/83	0	1	
DINO0127	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	0	1	
DINO0129	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	0	1	
DINO0130	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/67-09/13/67	0	1	
DINO0132	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	0	1	
DINO0133	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	0	1	
DINO0136	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	0	1	
DINO0142	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	0	1	
DINO0147	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0149	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-06/08/78	0	2	
DINO0150	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-10/01/96	19	8	
DINO0153	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/65-07/30/68	2	2	
DINO0157	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/83-10/25/83	0	1	
DINO0158	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	0	1	
DINO0159	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	0	1	
DINO0160	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-10/01/96	19	11	
DINO0161	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/65-06/13/68	2	2	
DINO0163	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	0	1	
DINO0164	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	0	1	
DINO0165	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	0	1	
DINO0166	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	0	1	
DINO0168	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/24/69-09/24/69	0	1	
DINO0170	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/28/97-07/28/97	0	1	
DINO0179	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/31/68-07/31/68	0	1	
DINO0180	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/21/70-05/21/70	0	1	
DINO0184	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/11/68-07/31/68	0	2	
DINO0189	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/97-08/18/97	0	1	
DINO0192	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/97-08/18/97	0	1	
DINO0193	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/12/67-09/12/67	0	1	
DINO0198	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/21/70-05/21/70	0	1	
DINO0202	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	0	1	
DINO0203	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/08/83-09/08/83	0	1	
DINO0204	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/97-08/19/97	0	1	
DINO0206	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/22/97-09/22/97	0	1	
DINO0207	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/97-08/19/97	0	1	
DINO0208	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	30	304	T,A,S
DINO0209	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	23	296	T,A,S
DINO0210	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/97-08/19/97	0	1	
DINO0211	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/97-08/19/97	0	1	
DINO0213	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/22/97-09/22/97	0	1	
DINO0222	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/50-05/04/50	0	1	
DINO0224	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/58-07/12/58	0	1	
DINO0225	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/58-07/12/58	0	1	
DINO0230	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/04/75-08/27/75	0	3	
DINO0231	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/98-12/16/99	1	6	
DINO0232	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/07/81-01/07/99	17	47	
DINO0233	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	21	129	
DINO0239	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/25/93-05/16/96	3	9	
DINO0240	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/91-08/21/91	0	1	
DINO0241	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/21/93-05/16/96	3	8	
DINO0243	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	6	32	
DINO0244	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	6	27	
DINO0245	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/09/81-06/04/85	3	10	
DINO0248	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	12	113	
DINO0251	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	6	33	
DINO0252	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/91-05/16/96	4	19	
DINO0253	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	6	32	
DINO0254	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	6	31	
DINO0255	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/91-05/16/96	4	20	
DINO0256	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/82-04/27/82	0	1	
DINO0017	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/31/80-07/31/80	0	1	
DINO0068	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/31/80-07/31/80	0	1	
DINO0089	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/19/72-10/19/72	0	1	
DINO0105	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/30/58-05/09/73	14	2	
DINO0121	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/48-09/18/48	0	1	
DINO0130	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/13/67-09/13/67	0	1	
DINO0131	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/18/73-05/18/73	0	1	
DINO0153	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/10/65-07/30/68	2	2	
DINO0161	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/10/65-06/13/68	2	2	
DINO0168	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/24/69-09/24/69	0	1	
DINO0172	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/48-09/19/48	0	1	
DINO0179	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/31/68-07/31/68	0	1	
DINO0180	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/21/70-05/21/70	0	1	
DINO0184	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/11/68-07/31/68	0	2	
DINO0187	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/09/73-05/09/73	0	1	
DINO0193	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/12/67-09/12/67	0	1	
DINO0198	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/21/70-05/21/70	0	1	
DINO0203	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/48-09/19/48	0	1	
DINO0208	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	23	181	T,A,S
DINO0220	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/18/58-11/18/58	0	1	
DINO0222	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/04/50-05/04/50	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0224	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/12/58-10/01/58	0	2	
DINO0225	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/12/58-07/12/58	0	1	
DINO0108	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/16/47-09/18/48	1	2	
DINO0131	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/18/73-05/18/73	0	1	
DINO0187	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/09/73-05/09/73	0	1	
DINO0208	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	20	327	T,A
DINO0089	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/72-10/19/72	0	1	
DINO0105	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/09/73-05/09/73	0	1	
DINO0108	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/16/47-09/18/48	1	2	
DINO0131	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/18/73-05/18/73	0	1	
DINO0187	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/09/73-05/09/73	0	1	
DINO0208	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	20	327	T,A
DINO0208	Yes	70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	04/09/64-04/09/64	0	1	
DINO0208	Yes	70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	10/01/59-04/09/64	4	10	
DINO0208	Yes	70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	10/01/59-04/09/64	4	10	
DINO0016	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/01/82-07/28/94	12	27	
DINO0103	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/29/82-07/27/82	0	10	
DINO0208	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	34	113	S
DINO0103	Yes	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	07/27/82-07/27/82	0	1	
DINO0208	Yes	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	12	84	
DINO0103	Yes	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	07/27/82-07/27/82	0	1	
DINO0208	Yes	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	12	75	
DINO0103	Yes	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	07/27/82-07/27/82	0	1	
DINO0208	Yes	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	10	58	
DINO0103	Yes	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	07/27/82-07/27/82	0	1	
DINO0208	Yes	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	04/29/60-07/14/61	1	13	
DINO0016	Yes	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	04/27/82-07/29/82	0	11	
DINO0103	Yes	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	04/29/82-07/27/82	0	10	
DINO0208	Yes	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	27	138	T,S
DINO0016	Yes	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	04/27/82-07/29/82	0	11	
DINO0103	Yes	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	04/29/82-07/27/82	0	10	
DINO0208	Yes	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	27	180	T,S
DINO0208	Yes	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/15/51-06/01/63	11	22	
DINO0016	Yes	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	04/27/82-07/29/82	0	11	
DINO0103	Yes	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	04/29/82-07/27/82	0	10	
DINO0208	Yes	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	27	148	T,S
DINO0208	Yes	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/15/51-06/01/63	11	22	
DINO0016	Yes	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	04/27/82-07/14/83	1	33	
DINO0103	Yes	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	04/29/82-07/10/82	0	9	
DINO0208	Yes	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	10/01/59-08/23/79	19	109	
DINO0016	Yes	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	04/27/82-07/29/82	0	11	
DINO0103	Yes	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	04/29/82-07/10/82	0	9	
DINO0208	Yes	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	03/21/60-06/04/79	19	100	
DINO0016	Yes	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	04/27/82-07/29/82	0	11	
DINO0103	Yes	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	04/29/82-07/10/82	0	9	
DINO0208	Yes	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	03/21/60-06/04/79	19	96	
DINO0016	Yes	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	04/27/82-07/29/82	0	11	
DINO0103	Yes	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	04/29/82-07/10/82	0	9	
DINO0208	Yes	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	03/31/60-06/04/79	19	60	
DINO0016	Yes	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	04/27/82-07/29/82	0	9	
DINO0103	Yes	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	04/29/82-07/10/82	0	8	
DINO0208	Yes	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	04/29/60-06/04/79	19	12	
DINO0016	Yes	70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	05/12/82-07/29/82	0	3	
DINO0103	Yes	70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	06/21/82-06/21/82	0	1	
DINO0208	Yes	71820	DENSITY (GM/ML AT 20 C)	07/09/86-07/09/86	0	1	
DINO0208	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	02/26/82-12/19/85	3	38	
DINO0008	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/08/50-11/08/50	0	1	
DINO0108	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/16/47-09/18/48	1	2	
DINO0018	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/98-07/01/98	0	1	
DINO0020	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/98-08/03/98	0	1	
DINO0022	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/98-07/01/98	0	1	
DINO0023	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/30/97-07/30/97	0	1	
DINO0025	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/98-07/02/98	0	1	
DINO0029	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/98-07/02/98	0	1	
DINO0030	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/98-07/02/98	0	1	
DINO0032	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/30/97-07/30/97	0	1	
DINO0036	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/29/97-07/29/97	0	1	
DINO0038	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/29/97-07/29/97	0	1	
DINO0041	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/03/98-07/03/98	0	1	
DINO0044	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/97-08/14/97	0	1	
DINO0045	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/08/97-08/08/97	0	1	
DINO0047	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/03/98-07/03/98	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0050	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/97-08/13/97	0	1	
DINO0051	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/03/98-07/03/98	0	1	
DINO0052	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/97-08/09/97	0	1	
DINO0053	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/97-08/09/97	0	1	
DINO0054	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/04/98-07/04/98	0	1	
DINO0056	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/04/98-07/04/98	0	1	
DINO0057	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/97-08/13/97	0	1	
DINO0058	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/21/97-08/21/97	0	1	
DINO0063	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	0	1	
DINO0066	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/97-05/22/98	0	2	
DINO0067	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/97-05/22/98	0	2	
DINO0069	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/97-05/22/98	0	2	
DINO0071	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/07/97-08/07/97	0	1	
DINO0072	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	0	1	
DINO0073	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	0	1	
DINO0075	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	0	1	
DINO0076	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/97-08/03/97	0	1	
DINO0078	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	0	1	
DINO0079	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/97-05/22/98	0	2	
DINO0081	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/97-08/15/97	0	1	
DINO0083	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/97-08/18/97	0	1	
DINO0084	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/20/97-09/20/97	0	1	
DINO0085	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	0	1	
DINO0086	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	0	1	
DINO0088	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/04/98-07/04/98	0	1	
DINO0090	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/20/97-09/20/97	0	1	
DINO0091	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/97-08/03/97	0	1	
DINO0092	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/07/97-08/07/97	0	1	
DINO0094	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/07/97-08/07/97	0	1	
DINO0095	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/07/97-08/07/97	0	1	
DINO0100	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-07/13/98	0	2	
DINO0102	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	0	1	
DINO0104	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	0	1	
DINO0105	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/30/58-09/30/58	0	1	
DINO0109	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	0	1	
DINO0110	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-07/12/98	0	2	
DINO0112	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/98-06/15/98	0	1	
DINO0113	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-07/13/98	0	2	
DINO0114	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/98-08/04/98	0	1	
DINO0116	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/98-08/04/98	0	1	
DINO0117	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/98-08/05/98	0	1	
DINO0119	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/25/98-07/25/98	0	1	
DINO0121	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/48-09/18/48	0	1	
DINO0122	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/98-06/15/98	0	1	
DINO0126	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/16/98-06/16/98	0	1	
DINO0127	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	0	1	
DINO0129	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	0	1	
DINO0130	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/13/67-09/13/67	0	1	
DINO0132	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	0	1	
DINO0133	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	0	1	
DINO0136	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	0	1	
DINO0140	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/26/98-07/26/98	0	1	
DINO0142	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	0	1	
DINO0147	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	0	1	
DINO0153	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/65-07/30/68	2	2	
DINO0158	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	0	1	
DINO0159	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-07/13/98	0	2	
DINO0161	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/65-06/13/68	2	2	
DINO0163	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	0	1	
DINO0164	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	0	1	
DINO0165	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	0	1	
DINO0166	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	0	1	
DINO0168	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/69-09/24/69	0	1	
DINO0170	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/28/97-07/28/97	0	1	
DINO0172	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/19/48-09/19/48	0	1	
DINO0179	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/68-07/31/68	0	1	
DINO0180	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/70-05/21/70	0	1	
DINO0184	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/11/68-07/31/68	0	2	
DINO0185	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/98-05/21/98	0	1	
DINO0189	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/97-08/18/97	0	1	
DINO0192	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/97-08/18/97	0	1	
DINO0193	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/67-09/12/67	0	1	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0197	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/16/98-07/16/98	0	1	
DINO0198	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/70-05/21/70	0	1	
DINO0199	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/20/98-06/20/98	0	1	
DINO0201	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/26/98-06/26/98	0	1	
DINO0202	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	0	1	
DINO0203	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/19/48-09/19/48	0	1	
DINO0204	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/97-08/19/97	0	1	
DINO0206	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/22/97-09/22/97	0	1	
DINO0207	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/97-08/19/97	0	1	
DINO0208	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/20/62-09/16/70	8	30	
DINO0210	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/97-08/19/97	0	1	
DINO0211	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/97-08/19/97	0	1	
DINO0213	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/22/97-07/14/98	0	2	
DINO0216	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/27/98-06/27/98	0	1	
DINO0217	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/27/98-06/27/98	0	1	
DINO0218	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/28/98-06/28/98	0	1	
DINO0219	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/06/98-08/06/98	0	1	
DINO0220	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/18/58-11/18/58	0	1	
DINO0221	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/11/98-06/11/98	0	1	
DINO0222	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/04/50-10/27/53	3	2	
DINO0223	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/19/98-06/19/98	0	1	
DINO0224	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/12/58-10/01/58	0	2	
DINO0225	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/12/58-07/12/58	0	1	
DINO0226	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/12/98-06/12/98	0	1	
DINO0101	Yes	71870	BROMIDE (MG/L AS BR)	09/06/83-09/06/83	0	1	
DINO0120	Yes	71870	BROMIDE (MG/L AS BR)	09/07/83-09/07/83	0	1	
DINO0157	No	71870	BROMIDE (MG/L AS BR)	10/25/83-10/25/83	0	1	
DINO0203	Yes	71870	BROMIDE (MG/L AS BR)	09/08/83-09/08/83	0	1	
DINO0130	Yes	71885	IRON (UG/L AS FE)	09/13/67-09/13/67	0	1	
DINO0161	No	71885	IRON (UG/L AS FE)	06/13/68-06/13/68	0	1	
DINO0168	Yes	71885	IRON (UG/L AS FE)	09/24/69-09/24/69	0	1	
DINO0180	No	71885	IRON (UG/L AS FE)	05/21/70-05/21/70	0	1	
DINO0184	Yes	71885	IRON (UG/L AS FE)	06/11/68-06/11/68	0	1	
DINO0193	Yes	71885	IRON (UG/L AS FE)	09/12/67-09/12/67	0	1	
DINO0198	Yes	71885	IRON (UG/L AS FE)	05/21/70-05/21/70	0	1	
DINO0208	Yes	71885	IRON (UG/L AS FE)	04/20/62-05/21/62	0	2	
DINO0222	Yes	71885	IRON (UG/L AS FE)	05/04/50-05/04/50	0	1	
DINO0017	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/31/80-07/31/80	0	1	
DINO0068	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/31/80-07/31/80	0	1	
DINO0150	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/31/78-08/31/78	0	1	
DINO0160	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/31/78-08/31/78	0	1	
DINO0209	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	12	149	
DINO0233	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/06/79-04/07/88	9	44	
DINO0243	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	6	36	
DINO0244	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	6	28	
DINO0245	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/09/81-06/04/85	3	11	
DINO0248	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/21/80-04/06/88	8	69	
DINO0251	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	6	35	
DINO0253	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	6	36	
DINO0254	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	6	35	
DINO0016	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/75-08/26/75	0	1	
DINO0016	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/26/75-11/08/96	21	2	
DINO0101	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/06/83-09/06/83	0	1	
DINO0120	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/07/83-09/07/83	0	1	
DINO0157	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/25/83-10/25/83	0	1	
DINO0203	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/08/83-09/08/83	0	1	
DINO0209	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/26/92-12/15/99	7	39	
DINO0233	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/26/92-05/01/96	3	12	
DINO0238	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/23/86-08/26/86	0	2	
DINO0239	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	04/05/88-04/05/88	0	1	
DINO0240	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/23/86-08/26/86	0	2	
DINO0241	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	04/05/88-04/05/88	0	1	
DINO0248	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/27/92-10/28/92	0	4	
DINO0249	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/24/86-04/05/88	1	3	
DINO0250	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/11/87-08/11/87	0	1	
DINO0252	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	04/05/88-04/05/88	0	1	
DINO0255	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/23/86-04/05/88	1	3	
DINO0016	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/26/75-08/26/75	0	1	
DINO0012	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/09/79-05/09/83	4	9	
DINO0016	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/26/75-08/26/75	0	1	
DINO0016	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/17/76-08/17/76	0	1	
DINO0026	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/17/76-08/17/76	0	1	

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Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0034	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/18/76-08/18/76	0	1	
DINO0061	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/19/76-08/19/76	0	1	
DINO0107	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/19/76-08/19/76	0	1	
DINO0229	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/28/71-09/28/71	0	3	
DINO0229	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/28/71-09/28/71	0	3	
DINO0229	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/28/71-09/28/71	0	3	
DINO0229	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/28/71-09/28/71	0	3	
DINO0153	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/10/65-07/30/68	2	2	
DINO0161	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	06/13/68-06/13/68	0	1	
DINO0168	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/24/69-09/24/69	0	1	
DINO0172	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/19/48-09/19/48	0	1	
DINO0179	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	07/31/68-07/31/68	0	1	
DINO0180	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/21/70-05/21/70	0	1	
DINO0184	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	06/11/68-07/31/68	0	2	
DINO0193	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/12/67-09/12/67	0	1	
DINO0198	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/21/70-05/21/70	0	1	
DINO0203	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/19/48-09/19/48	0	1	
DINO0208	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	10/15/51-09/26/62	10	105	
DINO0220	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	11/18/58-11/18/58	0	1	
DINO0222	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/04/50-10/27/53	3	2	
DINO0224	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	07/12/58-10/01/58	0	2	
DINO0225	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	07/12/58-07/12/58	0	1	
DINO0016	Yes	72104	SAMPLE LOCATION, DISTANCE DOWNSTREAM (FEET)	11/08/96-11/08/96	0	1	
DINO0016	Yes	72105	SAMPLE LOCATION, DISTANCE UPSTREAM (FEET)	03/20/97-03/20/97	0	1	
DINO0252	No	75955	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,SED PC/G	07/15/92-07/15/92	0	1	
DINO0255	No	75955	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,SED PC/G	07/15/92-07/15/92	0	1	
DINO0252	No	75962	URANIUM 238,1 SIGMA PRC EST,SUSP,SEDIMENT PC/G	07/15/92-07/15/92	0	1	
DINO0255	No	75962	URANIUM 238,1 SIGMA PRC EST,SUSP,SEDIMENT PC/G	07/15/92-07/15/92	0	1	
DINO0252	No	75965	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS NAT U,SED UG/G	07/15/92-07/15/92	0	1	
DINO0255	No	75965	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS NAT U,SED UG/G	07/15/92-07/15/92	0	1	
DINO0239	No	75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	08/17/94-10/25/95	1	4	
DINO0241	No	75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	08/25/93-10/25/95	2	4	
DINO0252	No	75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	08/17/95-10/25/95	0	3	
DINO0255	No	75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	08/17/95-10/25/95	0	3	
DINO0209	Yes	77825	ALACHLOR WHOLE WATER,UG/L	06/12/91-10/01/91	0	2	
DINO0209	Yes	77969	CHLOROPYRIFOS IN WATER UG/L	10/01/91-10/01/91	0	1	
DINO0209	Yes	78008	ENDRIN KETONE IN WATER UG/L	09/09/87-04/25/89	1	3	
DINO0209	Yes	80015	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	05/24/95-05/24/95	0	1	
DINO0233	No	80015	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	05/24/95-05/24/95	0	1	
DINO0238	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	06/23/86-08/26/86	0	2	
DINO0240	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	06/23/86-08/26/86	0	2	
DINO0249	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	06/24/86-08/27/86	0	2	
DINO0250	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	08/11/87-08/11/87	0	1	
DINO0255	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	06/23/86-08/26/86	0	2	
DINO0238	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	06/23/86-08/26/86	0	2	
DINO0240	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	06/23/86-08/26/86	0	2	
DINO0249	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	06/24/86-08/27/86	0	2	
DINO0250	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	08/11/87-08/11/87	0	1	
DINO0255	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	06/23/86-08/26/86	0	2	
DINO0238	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	0	2	
DINO0240	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	0	2	
DINO0249	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	06/24/86-08/27/86	0	2	
DINO0250	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	08/11/87-08/11/87	0	1	
DINO0255	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	0	2	
DINO0238	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	0	2	
DINO0240	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	0	2	
DINO0249	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	06/24/86-08/27/86	0	2	
DINO0250	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	08/11/87-08/11/87	0	1	
DINO0255	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	0	2	
DINO0016	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/01/82-07/28/94	12	62	
DINO0103	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/29/82-07/27/82	0	19	
DINO0208	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	37	285	T,A,S
DINO0016	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/01/82-04/08/83	1	27	
DINO0103	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/29/82-07/27/82	0	19	
DINO0208	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	27	151	T,S
DINO0209	Yes	81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	06/12/91-10/01/91	0	2	
DINO0209	Yes	81287	DNBP(C10H12N2O5) WHOLE WATER SAMPLE UG/L	06/12/91-10/01/91	0	2	
DINO0209	Yes	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	10/01/91-10/01/91	0	1	
DINO0229	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/28/71-09/28/71	0	3	
DINO0238	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/28/86-08/28/86	0	1	
DINO0240	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/28/86-08/28/86	0	1	
DINO0249	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/28/86-08/28/86	0	1	

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

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0255	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/28/86-08/28/86	0	1	
DINO0240	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/26/86-08/26/86	0	1	
DINO0249	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/27/86-08/27/86	0	1	
DINO0255	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/26/86-08/26/86	0	1	
DINO0209	Yes	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	10/01/91-10/01/91	0	1	
DINO0238	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	08/26/86-08/26/86	0	1	
DINO0240	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	08/26/86-08/26/86	0	1	
DINO0249	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	08/27/86-08/27/86	0	1	
DINO0255	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	08/26/86-08/26/86	0	1	
DINO0208	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/20/81-07/21/81	0	6	
DINO0101	Yes	82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	09/06/83-09/06/83	0	1	
DINO0203	Yes	82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	09/08/83-09/08/83	0	1	
DINO0101	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/06/83-09/06/83	0	1	
DINO0203	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/08/83-09/08/83	0	1	
DINO0235	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/26/88-07/26/88	0	1	
DINO0239	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/27/88-07/27/88	0	2	
DINO0241	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/27/88-07/27/88	0	1	
DINO0252	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/27/88-07/27/88	0	1	
DINO0255	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/27/88-07/27/88	0	1	
DINO0101	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/06/83-09/06/83	0	1	
DINO0203	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/08/83-09/08/83	0	1	
DINO0235	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/26/88-07/26/88	0	1	
DINO0239	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/27/88-07/27/88	0	2	
DINO0241	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/27/88-07/27/88	0	1	
DINO0252	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/27/88-07/27/88	0	1	
DINO0255	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/27/88-07/27/88	0	1	
DINO0101	Yes	82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	09/06/83-09/06/83	0	1	
DINO0203	Yes	82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	09/08/83-09/08/83	0	1	
DINO0238	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/26/86-08/26/86	0	1	
DINO0240	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/26/86-08/26/86	0	1	
DINO0249	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/27/86-08/27/86	0	1	
DINO0255	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/26/86-08/26/86	0	1	
DINO0238	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/28/86-08/28/86	0	1	
DINO0240	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/28/86-08/28/86	0	1	
DINO0249	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/28/86-08/28/86	0	1	
DINO0255	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/28/86-08/28/86	0	1	
DINO0023	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/30/97-07/30/97	0	1	
DINO0032	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/30/97-07/30/97	0	1	
DINO0036	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/29/97-07/29/97	0	1	
DINO0038	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/29/97-07/29/97	0	1	
DINO0044	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/14/97-08/14/97	0	1	
DINO0045	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/08/97-08/08/97	0	1	
DINO0050	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/13/97-08/13/97	0	1	
DINO0052	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/09/97-08/09/97	0	1	
DINO0053	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/09/97-08/09/97	0	1	
DINO0057	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/13/97-08/13/97	0	1	
DINO0058	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/21/97-08/21/97	0	1	
DINO0063	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	0	1	
DINO0066	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/14/97-08/14/97	0	1	
DINO0067	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/14/97-08/14/97	0	1	
DINO0069	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/14/97-08/14/97	0	1	
DINO0071	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/07/97-08/07/97	0	1	
DINO0072	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	0	1	
DINO0073	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	0	1	
DINO0075	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	0	1	
DINO0076	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/03/97-08/03/97	0	1	
DINO0078	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	0	1	
DINO0079	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/18/97-08/18/97	0	1	
DINO0081	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/15/97-08/15/97	0	1	
DINO0083	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/18/97-08/18/97	0	1	
DINO0084	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	09/20/97-09/20/97	0	1	
DINO0085	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	0	1	
DINO0086	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	0	1	
DINO0090	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	09/20/97-09/20/97	0	1	
DINO0091	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/03/97-08/03/97	0	1	
DINO0092	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/07/97-08/07/97	0	1	
DINO0094	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/07/97-08/07/97	0	1	
DINO0095	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/07/97-08/07/97	0	1	
DINO0100	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	0	1	
DINO0102	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	0	1	
DINO0104	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	0	1	
DINO0109	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	0	1	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0110	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	0	1	
DINO0113	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	0	1	
DINO0127	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	0	1	
DINO0129	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	0	1	
DINO0132	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	0	1	
DINO0133	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	0	1	
DINO0136	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	0	1	
DINO0142	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	0	1	
DINO0147	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	0	1	
DINO0158	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	0	1	
DINO0159	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	0	1	
DINO0163	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	0	1	
DINO0164	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	0	1	
DINO0165	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	0	1	
DINO0166	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	0	1	
DINO0170	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/28/97-07/28/97	0	1	
DINO0189	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/18/97-08/18/97	0	1	
DINO0192	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/18/97-08/18/97	0	1	
DINO0202	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	0	1	
DINO0204	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/19/97-08/19/97	0	1	
DINO0206	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	09/22/97-09/22/97	0	1	
DINO0207	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/19/97-08/19/97	0	1	
DINO0210	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/19/97-08/19/97	0	1	
DINO0211	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/19/97-08/19/97	0	1	
DINO0213	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	09/22/97-09/22/97	0	1	
DINO0016	Yes	82398	SAMPLING METHOD (CODES)	08/22/75-03/20/97	21	3	
DINO0208	Yes	82398	SAMPLING METHOD (CODES)	01/15/76-11/04/92	16	14	
DINO0209	Yes	82559	HYDROCARBONS,VOLATILE, IN WATER TOTALUG/L	05/24/95-05/24/95	0	1	
DINO0233	No	82559	HYDROCARBONS,VOLATILE, IN WATER TOTALUG/L	05/24/95-05/24/95	0	1	
DINO0150	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-08/31/78	0	1	
DINO0160	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-10/26/82	4	5	
DINO0209	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	14	203	A
DINO0233	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	13	96	
DINO0243	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	113	
DINO0251	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0150	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/31/78-08/31/78	0	1	
DINO0160	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/31/78-10/26/82	4	5	
DINO0209	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	14	199	
DINO0233	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	13	95	
DINO0243	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	12	113	
DINO0251	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/27/82-04/27/82	0	1	
DINO0253	No	82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/17/82-11/17/82	0	1	
DINO0160	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	0	4	
DINO0209	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	14	196	
DINO0233	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	13	95	
DINO0243	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	113	
DINO0251	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0150	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-08/31/78	0	1	
DINO0160	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-10/26/82	4	5	
DINO0209	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	14	196	
DINO0233	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	13	95	
DINO0243	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	3	11	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0248	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	113	
DINO0251	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0253	No	82707	COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/83-10/25/83	0	1	
DINO0160	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	0	4	
DINO0209	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	14	204	A
DINO0233	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	13	95	
DINO0243	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	113	
DINO0251	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0150	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/31/78-08/31/78	0	1	
DINO0160	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/31/78-10/26/82	4	4	
DINO0209	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	16	221	A
DINO0230	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/04/75-08/27/75	0	3	
DINO0233	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	13	95	
DINO0243	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	6	35	
DINO0244	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	12	115	
DINO0251	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/27/82-04/27/82	0	1	
DINO0160	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	0	4	
DINO0209	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	14	196	
DINO0233	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	13	95	
DINO0243	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	112	
DINO0251	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0160	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-10/26/82	4	5	
DINO0209	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	14	206	A
DINO0233	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	13	96	
DINO0243	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	113	
DINO0251	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0160	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	0	4	
DINO0209	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	14	196	
DINO0233	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	13	95	
DINO0243	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	113	
DINO0251	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0254	No	82714	MOLYBDENUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/17/82-11/17/82	0	1	
DINO0160	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	0	4	
DINO0209	Yes	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-10/11/83	5	121	
DINO0233	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-10/11/83	4	25	
DINO0243	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-07/13/83	2	19	
DINO0244	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-10/25/83	2	18	
DINO0245	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-07/13/83	2	8	
DINO0248	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-10/11/83	3	40	
DINO0251	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-07/13/83	2	20	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0253	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-07/13/83	2	19	
DINO0254	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-07/13/83	2	19	
DINO0256	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0160	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	0	4	
DINO0209	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	14	196	
DINO0233	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	13	95	
DINO0243	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	113	
DINO0251	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0244	No	82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/83-10/25/83	0	1	
DINO0254	No	82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/83-10/25/83	0	1	
DINO0160	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-10/26/82	4	5	
DINO0209	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	14	204	A
DINO0233	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	13	96	
DINO0243	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0244	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	29	
DINO0245	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	3	11	
DINO0248	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	113	
DINO0251	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	6	36	
DINO0253	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	36	
DINO0254	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	6	34	
DINO0256	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	0	1	
DINO0243	No	82725	BORON, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/29/92-10/28/92	0	3	
DINO0008	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/08/50-11/08/50	0	1	
DINO0089	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/19/72-10/19/72	0	1	
DINO0101	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/06/83-09/06/83	0	1	
DINO0105	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/30/58-05/09/73	14	2	
DINO0108	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/18/48-09/18/48	0	1	
DINO0120	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/07/83-09/07/83	0	1	
DINO0121	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/18/48-09/18/48	0	1	
DINO0130	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/13/67-09/13/67	0	1	
DINO0131	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/18/73-05/18/73	0	1	
DINO0153	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/10/65-07/30/68	2	2	
DINO0157	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/25/83-10/25/83	0	1	
DINO0161	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/10/65-06/13/68	2	2	
DINO0168	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/24/69-09/24/69	0	1	
DINO0172	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/19/48-09/19/48	0	1	
DINO0179	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/31/68-07/31/68	0	1	
DINO0180	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/21/70-05/21/70	0	1	
DINO0184	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/11/68-07/31/68	0	2	
DINO0187	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/09/73-05/09/73	0	1	
DINO0198	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/21/70-05/21/70	0	1	
DINO0203	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/19/48-09/08/83	34	2	
DINO0220	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/18/58-11/18/58	0	1	
DINO0222	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/04/50-10/27/53	3	2	
DINO0224	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/12/58-10/01/58	0	2	
DINO0225	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/12/58-07/12/58	0	1	
DINO0240	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/28/86-08/11/87	0	2	
DINO0241	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	04/05/88-08/20/96	8	5	
DINO0242	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/30/88-11/30/88	0	1	
DINO0246	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/28/89-06/28/89	0	1	
DINO0249	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/28/86-06/23/89	2	4	
DINO0250	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/04/87-11/04/87	0	1	
DINO0252	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/20/96-08/20/96	0	1	
DINO0255	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/28/86-08/20/96	9	5	
DINO0008	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/08/50-11/08/50	0	1	
DINO0089	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/19/72-10/19/72	0	1	
DINO0101	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/06/83-09/06/83	0	1	
DINO0105	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/30/58-05/09/73	14	2	
DINO0108	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/18/48-09/18/48	0	1	
DINO0120	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/07/83-09/07/83	0	1	
DINO0121	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/18/48-09/18/48	0	1	
DINO0130	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/13/67-09/13/67	0	1	
DINO0131	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/18/73-05/18/73	0	1	
DINO0153	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/10/65-07/30/68	2	2	
DINO0157	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/25/83-10/25/83	0	1	
DINO0161	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/10/65-06/13/68	2	2	

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

Station/Parameter Period of Record Tabulation
From 06/16/47 To 12/16/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DINO0168	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/24/69-09/24/69	0	1	
DINO0172	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/19/48-09/19/48	0	1	
DINO0179	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/31/68-07/31/68	0	1	
DINO0180	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/21/70-05/21/70	0	1	
DINO0184	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/11/68-07/31/68	0	2	
DINO0187	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/09/73-05/09/73	0	1	
DINO0198	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/21/70-05/21/70	0	1	
DINO0203	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/19/48-09/08/83	34	2	
DINO0220	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/18/58-11/18/58	0	1	
DINO0222	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/04/50-10/27/53	3	2	
DINO0224	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/12/58-10/01/58	0	2	
DINO0225	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/12/58-07/12/58	0	1	
DINO0240	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/28/86-08/11/87	0	2	
DINO0241	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	04/05/88-08/20/96	8	6	
DINO0242	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/30/88-11/30/88	0	1	
DINO0246	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/28/89-06/28/89	0	1	
DINO0249	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/28/86-06/23/89	2	4	
DINO0250	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/04/87-11/04/87	0	1	
DINO0252	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/20/96-08/20/96	0	1	
DINO0255	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/28/86-08/20/96	9	6	
DINO0229	No	84007	ANATOMY ALPHA CODE	09/28/71-09/28/71	0	3	
DINO0229	No	84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	09/28/71-09/28/71	0	3	
DINO0001	No	85000	STREAM MILE, ACTUAL MILES	07/15/81-07/15/81	0	1	
DINO0002	No	85000	STREAM MILE, ACTUAL MILES	08/19/81-08/19/81	0	1	
DINO0003	No	85000	STREAM MILE, ACTUAL MILES	08/18/81-08/18/81	0	1	
DINO0005	No	85000	STREAM MILE, ACTUAL MILES	05/19/81-10/05/81	0	3	
DINO0006	No	85000	STREAM MILE, ACTUAL MILES	04/23/81-04/23/81	0	1	
DINO0009	No	85000	STREAM MILE, ACTUAL MILES	05/20/81-10/06/81	0	4	
DINO0010	No	85000	STREAM MILE, ACTUAL MILES	04/22/81-04/22/81	0	1	
DINO0011	Yes	85000	STREAM MILE, ACTUAL MILES	06/23/81-06/23/81	0	1	
DINO0024	Yes	85000	STREAM MILE, ACTUAL MILES	04/16/81-04/16/81	0	1	
DINO0028	Yes	85000	STREAM MILE, ACTUAL MILES	06/16/81-06/16/81	0	1	
DINO0031	Yes	85000	STREAM MILE, ACTUAL MILES	06/17/81-06/17/81	0	1	
DINO0039	Yes	85000	STREAM MILE, ACTUAL MILES	07/30/81-09/10/81	0	2	
DINO0040	Yes	85000	STREAM MILE, ACTUAL MILES	05/15/81-05/15/81	0	1	
DINO0055	Yes	85000	STREAM MILE, ACTUAL MILES	04/17/81-04/17/81	0	1	
DINO0062	Yes	85000	STREAM MILE, ACTUAL MILES	05/16/81-05/16/81	0	1	
DINO0082	Yes	85000	STREAM MILE, ACTUAL MILES	07/31/81-09/11/81	0	2	
DINO0093	Yes	85000	STREAM MILE, ACTUAL MILES	06/18/81-06/18/81	0	1	
DINO0115	Yes	85000	STREAM MILE, ACTUAL MILES	04/21/81-09/29/81	0	2	
DINO0118	Yes	85000	STREAM MILE, ACTUAL MILES	05/17/81-08/05/81	0	3	
DINO0124	Yes	85000	STREAM MILE, ACTUAL MILES	08/06/81-08/06/81	0	1	
DINO0141	Yes	85000	STREAM MILE, ACTUAL MILES	05/18/81-05/18/81	0	1	
DINO0171	Yes	85000	STREAM MILE, ACTUAL MILES	05/18/81-05/18/81	0	1	
DINO0173	Yes	85000	STREAM MILE, ACTUAL MILES	09/30/81-09/30/81	0	1	
DINO0174	Yes	85000	STREAM MILE, ACTUAL MILES	06/20/81-06/20/81	0	1	
DINO0176	Yes	85000	STREAM MILE, ACTUAL MILES	04/22/81-04/22/81	0	1	
DINO0177	Yes	85000	STREAM MILE, ACTUAL MILES	06/21/81-06/21/81	0	1	
DINO0178	Yes	85000	STREAM MILE, ACTUAL MILES	08/07/81-08/07/81	0	1	
DINO0181	Yes	85000	STREAM MILE, ACTUAL MILES	10/02/81-10/02/81	0	1	
DINO0190	Yes	85000	STREAM MILE, ACTUAL MILES	05/20/81-05/20/81	0	1	
DINO0191	Yes	85000	STREAM MILE, ACTUAL MILES	08/08/81-08/08/81	0	1	
DINO0195	Yes	85000	STREAM MILE, ACTUAL MILES	04/23/81-04/23/81	0	1	
DINO0212	No	85000	STREAM MILE, ACTUAL MILES	04/24/81-04/24/81	0	1	
DINO0214	Yes	85000	STREAM MILE, ACTUAL MILES	05/21/81-06/22/81	0	2	
DINO0215	Yes	85000	STREAM MILE, ACTUAL MILES	10/02/81-10/02/81	0	1	
DINO0227	No	85000	STREAM MILE, ACTUAL MILES	10/03/79-05/26/81	1	2	
DINO0228	No	85000	STREAM MILE, ACTUAL MILES	05/27/81-05/27/81	0	1	
DINO0237	No	85000	STREAM MILE, ACTUAL MILES	10/05/79-10/05/79	0	1	
DINO0004	No	85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	0	15	
DINO0027	Yes	85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-07/15/79	0	12	
DINO0033	Yes	85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	0	15	
DINO0065	Yes	85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	0	15	
DINO0096	Yes	85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	0	15	
DINO0128	Yes	85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	0	15	
DINO0196	Yes	85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	0	15	

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

Station-By-Station Results

Station Inventory for Station: DINO0001

NPS Station ID: DINO0001 | LAT/LON: 40.467587/-108.367059 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 56.1 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_17
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE CROSS MOUNTAIN CANYON COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 56.1; OUTSIDE DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/81-07/15/81	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/81-07/15/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/15/81-07/15/81	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/15/81-07/15/81	1	380.	380.	380.	380.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0001

				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0002

NPS Station ID: DINO0002 | LAT/LON: 40.460865/-108.370698 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 55.6 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_16
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE CROSS MOUNTAIN CANYON COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 55.6; OUTSIDE DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/81-08/19/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/19/81-08/19/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/81-08/19/81	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/81-08/19/81	1	550.	550.	550.	550.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0002

				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	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: DINO0003

NPS Station ID: DINO0003
LAT/LON: 40.459476/-108.416560
Agency: 11NPSWRD
Date Created: 11/21/98
Location: YAMPA RIVER MILE 53.1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE TWELVEMILE MESA COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 53.1; OUTSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/18/81-08/18/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/18/81-08/18/81	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/81-08/18/81	1	680.	680.	680.	680.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/81-08/18/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0003

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00							1	1	1.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0004

NPS Station ID: DINO0004 LAT/LON: 40.459892/-108.417615 Agency: 11NPSWRD Date Created: 05/30/98
Location: YAMPA RIVER; 55.1 RM ABOVE YAMPA'S MOUTH FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): DINO_USU_Y1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: 14050002 RF1 Mile Point: 0.000 Distance from RF1: 28.00 On/Off RF1:
RF3 Index: 14040109001603.27 RF3 Mile Point: 4.77 Distance from RF3: 0.05 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE TWELVEMILE MESA; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON THE YAMPA RIVER 55.1 RIVER MILES ABOVE YAMPA'S MOUTH AND 40 MILES ABOVE THE YAMPA RIVER BRIDGE. THIS SITE IS NOT WITHIN THE DINOSAUR NATIONAL MONUMENT'S BOUNDARY. DATA FOR THIS SITE ORIGINATE FROM THE REPORT; "AN ECOLOGICAL CHARACTERIZATION OF THE YAMPA AND GREEN RIVER IN DINOSAUR NATIONAL MONUMENT" BY J.M. NEUHOLD AND T.C. ANNEAR; UTAH STATE UNIVERSITY; APRIL 1981. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT DINOSAUR NATIONAL MONUMENT 4545 HIGHWAY 40; DINOSAUR; CO 81610-9724. TEL (970)374-3000. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS CO 80525. TEL (970)225-3516.

Parameter Inventory for Station: DINO0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	8	15.85	13.3	23.3	1.6	61.674	7.853	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	5	142.	193.4	489.	29.	33799.3	183.846	**	**	**	**
85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	15	16.	15.433	30.	5.	82.174	9.065	5.3	6.5	26.	27.6

** - 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

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

Station Inventory for Station: DINO0005

NPS Station ID: DINO0005
LAT/LON: 40.459865/-108.418559
Agency: 11NPSWRD
Date Created: 11/21/98
Location: YAMPA RIVER MILE 53.0
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE TWELVEMILE MESA COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 53.0; OUTSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/81-10/05/81	3	15.	17.	21.	15.	12.	3.464	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/19/81-10/05/81	3	21.	21.	27.	15.	36.	6.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/81-06/24/81	2	47.5	47.5	75.	20.	1512.5	38.891	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/81-10/05/81	3	270.	316.667	450.	230.	13733.333	117.189	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/81-06/24/81	2	8.	8.	9.	7.	2.	1.414	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0005

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	2	1	0.50				1	1	1.00	1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: DINO0006

NPS Station ID: DINO0006
LAT/LON: 40.460059/-108.422170
Agency: 11NPSWRD
Date Created: 11/21/98
Location: YAMPA RIVER MILE 52.8
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_13
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE TWELVEMILE MESA COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 52.8; OUTSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/81-04/23/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/23/81-04/23/81	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/81-04/23/81	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/23/81-04/23/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0007

NPS Station ID: DINO0007 LAT/LON: 40.460837/-108.425004 Agency: 112WRD Date Created: 01/11/97
Location: YAMPA RIVER ABV. LITTLE SNAKE R. NR. MAYBELL, CO FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09251100
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14050002 RF1 Mile Point: 0.000 Distance from RF1: 28.00 On/Off RF1:
RF3 Index: 14040109001603.27 RF3 Mile Point: 4.77 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/96-11/08/96	4	17.75	14.975	21.8	2.6	72.189	8.496	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/96-11/08/96	4	523.5	617.75	994.	430.	65328.25	255.594	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/96-11/08/96	4	374.	400.25	546.	307.	10455.583	102.253	**	**	**	**

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

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

Station Inventory for Station: DINO0008

NPS Station ID: DINO0008
LAT/LON: 40.452504/-108.441670
Agency: 112WRD
Date Created: 08/30/76
Location: YAMPA RIVER AT LILY, COLO.
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402709108263000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14050002004
RF1 Mile Point: 0.100
Distance from RF1: 12.00
On/Off RF1: ON
RF3 Index: 14050002055900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/08/50-11/08/50	1	512.	512.	512.	512.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/50-11/08/50	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/08/50-11/08/50	1	194.	194.	194.	194.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/08/50-11/08/50	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/08/50-11/08/50	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/08/50-11/08/50	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/08/50-11/08/50	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	11/08/50-11/08/50	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/08/50-11/08/50	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/08/50-11/08/50	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/08/50-11/08/50	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/08/50-11/08/50	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: DINO0008

Parameter				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0009

NPS Station ID: DINO0009 | LAT/LON: 40.448170/-108.466115 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 50.0 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_12
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE TWELVEMILE MESA COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 50.0; OUTSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/81-10/06/81	4	16.	16.5	23.	11.	25.	5.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/20/81-10/06/81	4	18.	19.25	26.	15.	22.25	4.717	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/20/81-08/21/81	3	110.	115.	160.	75.	1825.	42.72	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/81-10/06/81	4	562.5	608.75	1050.	260.	111972.917	334.624	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/81-10/06/81	4	7.5	7.75	9.	7.	0.917	0.957	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	3	1.00				1	1	1.00	2	2	1.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			

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

Station Inventory for Station: DINO0010

NPS Station ID: DINO0010 | LAT/LON: 40.446087/-108.468170 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 49.8 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_11
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE TWELVEMILE MESA COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 49.8; OUTSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/81-04/22/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/81-04/22/81	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/81-04/22/81	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/22/81-04/22/81	1	225.	225.	225.	225.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/22/81-04/22/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0010

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0011

NPS Station ID: DINO0011
LAT/LON: 40.443698/-108.509253
Agency: 11NPSWRD
Date Created: 11/21/98
Location: YAMPA RIVER MILE 47.0
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE INDIAN WATER CANYON COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 47.0; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/81-06/23/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-06/23/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/23/81-06/23/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/81-06/23/81	1	255.	255.	255.	255.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/23/81-06/23/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0012

NPS Station ID: DINO0012
LAT/LON: 40.442330/-108.509780
Agency: 21COL001
Date Created: / /
Location: YAMPA BELOW LITTLE SNAKE RIVER
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000040
RMI-Indexes: 1101000 010670 02380
Within Park Boundary: Yes
RMI-Miles: 0929.90 0342.20 045.00
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002003
RF1 Mile Point: 33.580
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14050002000505.02
RF3 Mile Point: 5.26
Distance from RF3: 0.06
On/Off RF3:
Description:
YAMPA RIVER 4 MILES BELOW THE LITTLE SNAKE RIVER AT EASTERN BOUNDARY OF DINOSAUR NATIONAL MONUMENT ABOUT 2 MILES DOWNSTREAM OF USGS STATION #09260025, MOFFAT COUNTY. T.6-N, R.99-W, S.27 STATE OF COLORADO DEPARTMENT OF HEALTH STATION NO. RPS-40
ELEVATION 5640 FEET

Parameter Inventory for Station: DINO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/68-04/21/92	136	9.167	10.007	26.111	0.	67.632	8.224	0.	1.667	17.361	22.778
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	02/28/80-04/21/92	64	57.5	57.313	95.	20.	413.202	20.327	30.	40.	75.	85.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/10/81-12/10/81	1	126.	126.	126.	126.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/68-06/10/80	66	60.	152.185	1200.	5.	56720.769	238.161	8.81	15.95	148.	422.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/68-04/21/92	131	535.	515.824	1100.	130.	43369.946	208.255	190.2	368.	630.	778.
00300	OXYGEN, DISSOLVED MG/L	03/13/73-04/21/92	97	10.2	10.106	13.6	6.8	3.484	1.866	7.48	8.45	11.7	12.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/13/73-04/21/92	96	105.837	106.79	129.86	88.388	66.375	8.147	98.216	101.498	111.36	117.23
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/68-12/06/88	76	1.9	1.778	5.	0.5	1.144	1.069	0.5	1.	2.	3.
00406p	PH, FIELD, STANDARD UNITS SU	03/27/68-04/21/92	127	8.3	8.267	9.	7.2	0.129	0.359	7.7	8.1	8.5	8.7
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/27/68-04/21/92	127	8.3	8.1	9.	7.2	0.157	0.396	7.7	8.1	8.5	8.7
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/68-04/21/92	127	0.005	0.008	0.063	0.001	0.	0.009	0.002	0.003	0.008	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/06/78-04/21/92	66	147.	137.121	212.	3.	1932.539	43.961	61.4	108.	168.5	188.9
00500	RESIDUE, TOTAL (MG/L)	04/03/74-09/22/75	8	456.	568.25	1398.	298.	124092.786	352.268	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/28/68-09/26/73	12	19.	98.083	518.	3.	33887.356	184.085	3.6	5.5	55.5	500.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/68-04/21/92	112	60.	268.152	5700.	0.	474119.697	688.564	10.	18.	272.5	548.1
00609	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	10/15/68-04/21/92	112	0.003	0.007	0.102	0.	0.	0.014	0.	0.001	0.007	0.014
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-04/21/92	124	0.05	0.254	20.	0.	3.214	1.793	0.	0.04	0.08	0.255
00612	AMMONIA, UNIONZED (MG/L AS N)	10/15/68-04/21/92	112	0.003	0.008	0.123	0.	0.	0.018	0.	0.001	0.008	0.017
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/26/68-03/20/79	52	0.	0.007	0.054	0.	0.	0.013	0.	0.	0.007	0.022
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/68-05/09/79	55	0.2	0.426	2.9	0.	0.287	0.536	0.	0.	0.69	1.14
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/79-04/21/92	70 ##	0.5	0.796	7.7	0.5	0.893	0.945	0.5	0.5	0.5	1.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/79-04/21/92	70 ##	0.25	0.428	2.2	0.025	0.174	0.418	0.25	0.25	0.308	1.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/15/68-05/09/73	28	0.075	0.168	0.8	0.	0.04	0.2	0.	0.013	0.288	0.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-04/21/92	91	0.07	0.2	2.3	0.	0.134	0.366	0.025	0.025	0.2	0.548
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	03/27/68-05/09/83	77	0.	0.002	0.02	0.	0.	0.003	0.	0.	0.003	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/68-04/21/92	110	200.	203.236	420.	46.	6024.145	77.615	86.8	160.	234.	319.2
00910	CALCIUM (MG/L AS CACO3)	03/27/68-12/08/80	64	122.	116.063	268.	37.	1581.266	39.765	51.5	100.25	137.5	156.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/27/68-12/08/80	64	17.	16.266	30.	4.	35.785	5.982	7.	11.25	20.	24.
00929	SODIUM, TOTAL (MG/L AS NA)	03/27/68-06/10/80	66	45.	42.53	90.	3.	468.93	21.655	8.7	28.	57.25	70.6
00937	POTASSIUM, TOTAL MG/L AS K)	02/06/78-05/09/83	10	2.85	2.62	4.	1.	0.895	0.946	1.01	1.925	3.1	3.94
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/68-06/10/80	64	21.	23.953	322.	2.	1516.522	38.943	6.	12.75	25.	32.

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Parameter Inventory for Station: DINO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/15/68-04/21/92	127	120.	129.209	425.	12.	5638.299	75.089	35.6	80.	160.	240.
00951	FLUORIDE, TOTAL (MG/L AS F)	03/27/68-07/19/77	46	0.3	0.355	0.8	0.1	0.025	0.16	0.2	0.2	0.45	0.58
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	03/27/68-06/29/88	112	390.	890.268	5800.	0.	1203463.892	1097.025	150.	200.	1100.	2300.
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	05/09/79-11/23/81	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/27/68-05/09/83	57	0.	0.702	6.	0.	2.972	1.724	0.	0.	0.	5.
01022	BORON, TOTAL (UG/L AS B)	03/27/68-11/23/81	55	60.	55.982	240.	0.	2935.203	54.178	0.	0.	100.	124.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/29/88-04/21/92	17 ##	0.15	0.14	0.15	0.125	0.	0.013	0.125	0.125	0.15	0.15
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/68-06/15/76	41	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01040	COPPER, DISSOLVED (UG/L AS CU)	06/29/88-04/21/92	14 ##	2.25	2.25	2.5	2.	0.067	0.259	2.	2.	2.5	2.5
01045	IRON, TOTAL (UG/L AS FE)	07/11/83-07/11/83	1	820.	820.	820.	820.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/29/88-04/21/92	17 ##	50.	52.765	130.	5.	784.566	28.01	28.2	41.5	50.	114.
01049	LEAD, DISSOLVED (UG/L AS PB)	06/29/88-04/21/92	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/29/88-04/21/92	17 ##	25.	27.941	70.	6.	259.559	16.111	8.4	20.	28.5	56.4
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	12/12/78-11/23/81	7 ##	25.	32.15	50.	0.05	356.608	18.884	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/88-08/09/88	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	11/26/68-05/09/83	29	0.	1.062	25.	0.	22.049	4.696	0.	0.	0.1	0.1
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/29/88-04/21/92	17 ##	5.	4.588	5.	4.	0.257	0.507	4.	4.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	03/27/68-06/29/88	108	5.	18.185	200.	0.	1287.349	35.88	0.	0.	10.	50.7
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	12/12/78-11/23/81	7 ##	500.	607.214	1000.	0.5	121922.655	349.174	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	03/27/68-06/29/88	108	0.15	0.206	1.8	0.	0.119	0.345	0.	0.	0.15	0.7
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	03/27/68-06/29/88	109	2.5	3.244	28.	0.	25.636	5.063	0.	0.	2.5	10.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/23/76-11/15/77	8	0.	0.	0.	0.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	03/27/68-06/29/88	104	2.5	3.981	25.	0.	29.713	5.451	0.	0.	6.75	13.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/27/68-06/29/88	109	25.	84.22	1400.	0.	32763.97	181.008	0.	0.	90.	180.
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	02/02/71-07/19/77	22	0.	0.455	10.	0.	4.545	2.132	0.	0.	0.	0.
01147	SELENIUM, TOTAL (UG/L AS SE)	03/27/68-11/23/81	46	0.	0.62	6.	0.	1.791	1.338	0.	0.	1.	2.65
01503	ALPHA, DISSOLVED	09/10/70-12/13/76	12	13.25	16.192	35.2	5.	88.41	9.403	5.39	8.925	23.	33.64
03503	BETA, DISSOLVED	06/17/69-05/10/77	11	11.6	12.836	43.9	0.4	141.182	11.882	0.9	6.1	18.2	39.12
09503	RADIUM 226, DISSOLVED	09/10/70-09/10/70	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/09/79-05/09/83	7	2.5	2.4	4.	1.	1.103	1.05	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/27/68-04/10/78	61	221.	541.492	7900.	4.	1373583.387	1172.	15.4	40.5	389.	1388.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/27/68-04/10/78	61	2.344	2.177	3.898	0.602	0.545	0.738	1.187	1.607	2.588	3.142
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			150.149								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/27/68-04/21/92	127	23.	76.513	930.	0.	20132.924	141.891	1.5	4.	49.	240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/27/68-04/21/92	127	1.362	1.286	2.968	0.	0.59	0.768	0.176	0.602	1.69	2.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.337								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/68-09/12/77	39	0.	0.001	0.03	0.	0.	0.005	0.	0.	0.	0.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/68-04/21/92	131	349.	350.435	800.	95.	19865.478	140.945	130.	263.	430.	552.2
71900	MERCURY, TOTAL (UG/L AS HG)	05/09/79-05/09/83	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: DINO0012

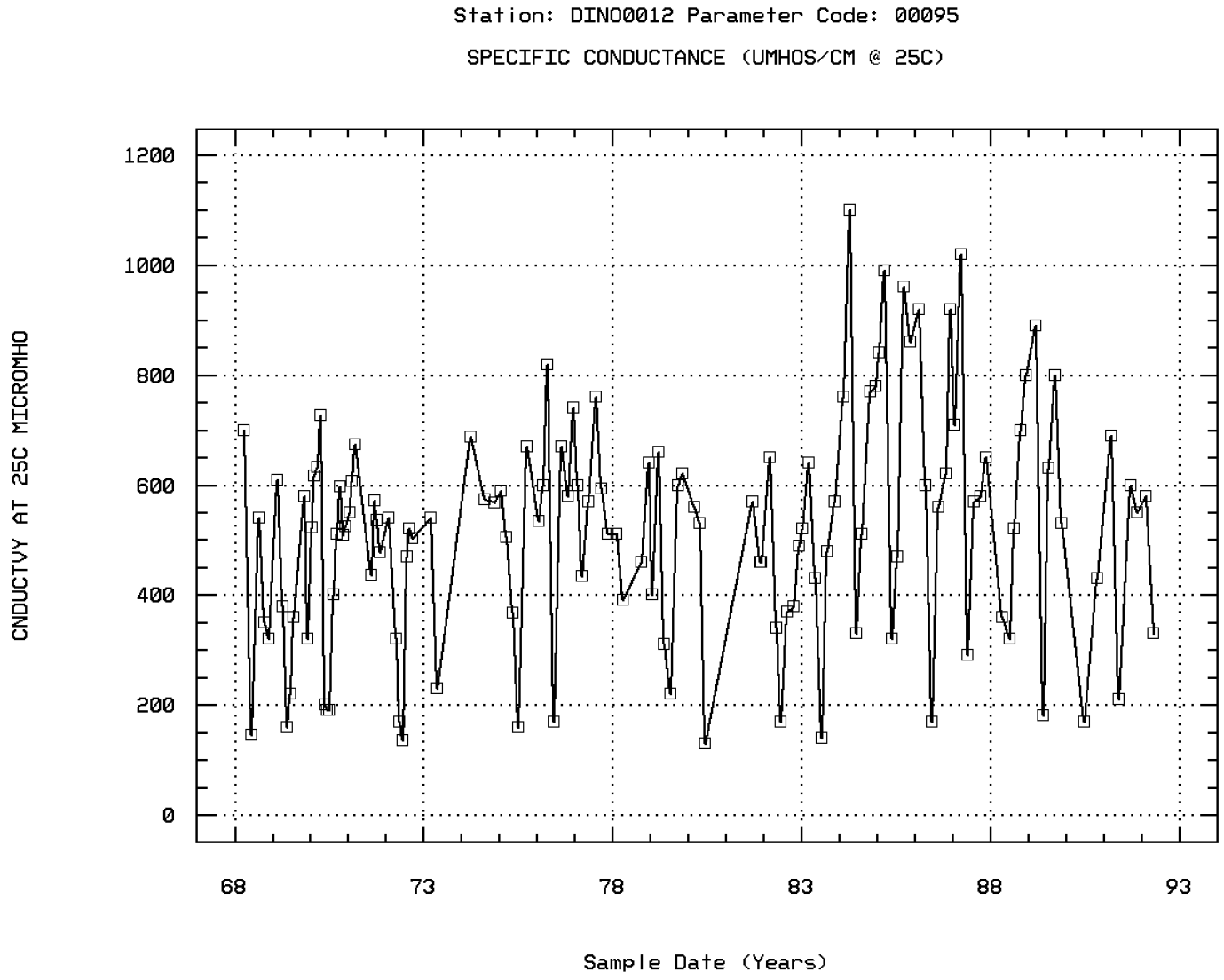
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	66	39	0.59	31	12	0.39	20	20	1.00	15	7	0.47			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	97	0	0.00	47	0	0.00	28	0	0.00	22	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	127	2	0.02	63	1	0.02	33	0	0.00	31	1	0.03			
		Other-Lo Lim.	6.5	127	0	0.00	63	0	0.00	33	0	0.00	31	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	52	0	0.00	23	0	0.00	17	0	0.00	12	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	55	0	0.00	25	0	0.00	18	0	0.00	12	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	70	0	0.00	35	0	0.00	18	0	0.00	17	0	0.00			
00723	CYANIDE, DISSOLVED STD METHOD	Fresh Acute	22.	77	0	0.00	37	0	0.00	22	0	0.00	18	0	0.00			
		Drinking Water	200.	77	0	0.00	37	0	0.00	22	0	0.00	18	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	64	0	0.00	31	0	0.00	18	0	0.00	15	0	0.00			
		Drinking Water	250.	64	1	0.02	31	1	0.03	18	0	0.00	15	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	127	10	0.08	65	5	0.08	34	5	0.15	28	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	46	0	0.00	20	0	0.00	13	0	0.00	13	0	0.00			
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: DINO0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	57	0	0.00	27	0	0.00	17	0	0.00	13	0	0.00			
		Drinking Water	50.	57	0	0.00	27	0	0.00	17	0	0.00	13	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	17	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	5.	17	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	41	0	0.00	19	0	0.00	12	0	0.00	10	0	0.00			
		Drinking Water	100.	41	0	0.00	19	0	0.00	12	0	0.00	10	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	1300.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	15.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	100.	7	0	0.00	4	0	0.00	2	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			
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	28 &	1	0.04	15	0	0.00	7	1	0.14	6	0	0.00			
		Drinking Water	100.	29	0	0.00	15	0	0.00	8	0	0.00	6	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	17	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	5000.	17	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	108	5	0.05	54	2	0.04	28	1	0.04	26	2	0.08			
		Drinking Water	5000.	108	0	0.00	54	0	0.00	28	0	0.00	26	0	0.00			
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	108	0	0.00	55	0	0.00	28	0	0.00	25	0	0.00			
		Drinking Water	5.	108	0	0.00	55	0	0.00	28	0	0.00	25	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	109	0	0.00	54	0	0.00	29	0	0.00	26	0	0.00			
		Drinking Water	15.	109	7	0.06	54	3	0.06	29	2	0.07	26	2	0.08			
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	8	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	104	4	0.04	52	1	0.02	28	3	0.11	24	0	0.00			
		Drinking Water	1300.	104	0	0.00	52	0	0.00	28	0	0.00	24	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	46	0	0.00	22	0	0.00	14	0	0.00	10	0	0.00			
		Drinking Water	50.	46	0	0.00	22	0	0.00	14	0	0.00	10	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.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	61	8	0.13	28	3	0.11	17	2	0.12	16	3	0.19			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	127	21	0.17	61	4	0.07	35	8	0.23	31	9	0.29			
71900	MERCURY, TOTAL	Fresh Acute	2.4	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	2.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			

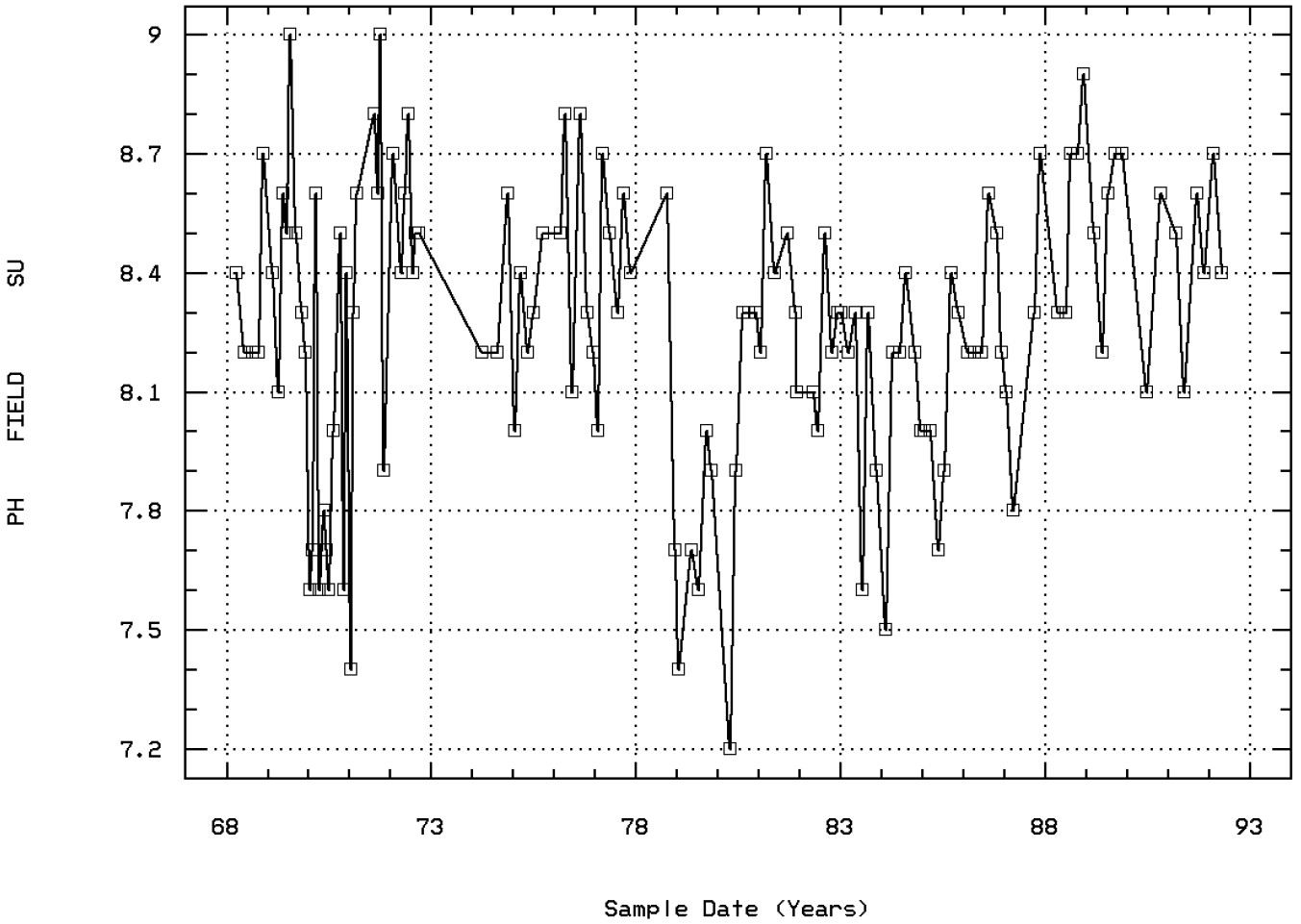
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



YAMPA BELOW LITTLE SNAKE RIVER

Station: DINO0012 Parameter Code: 00406

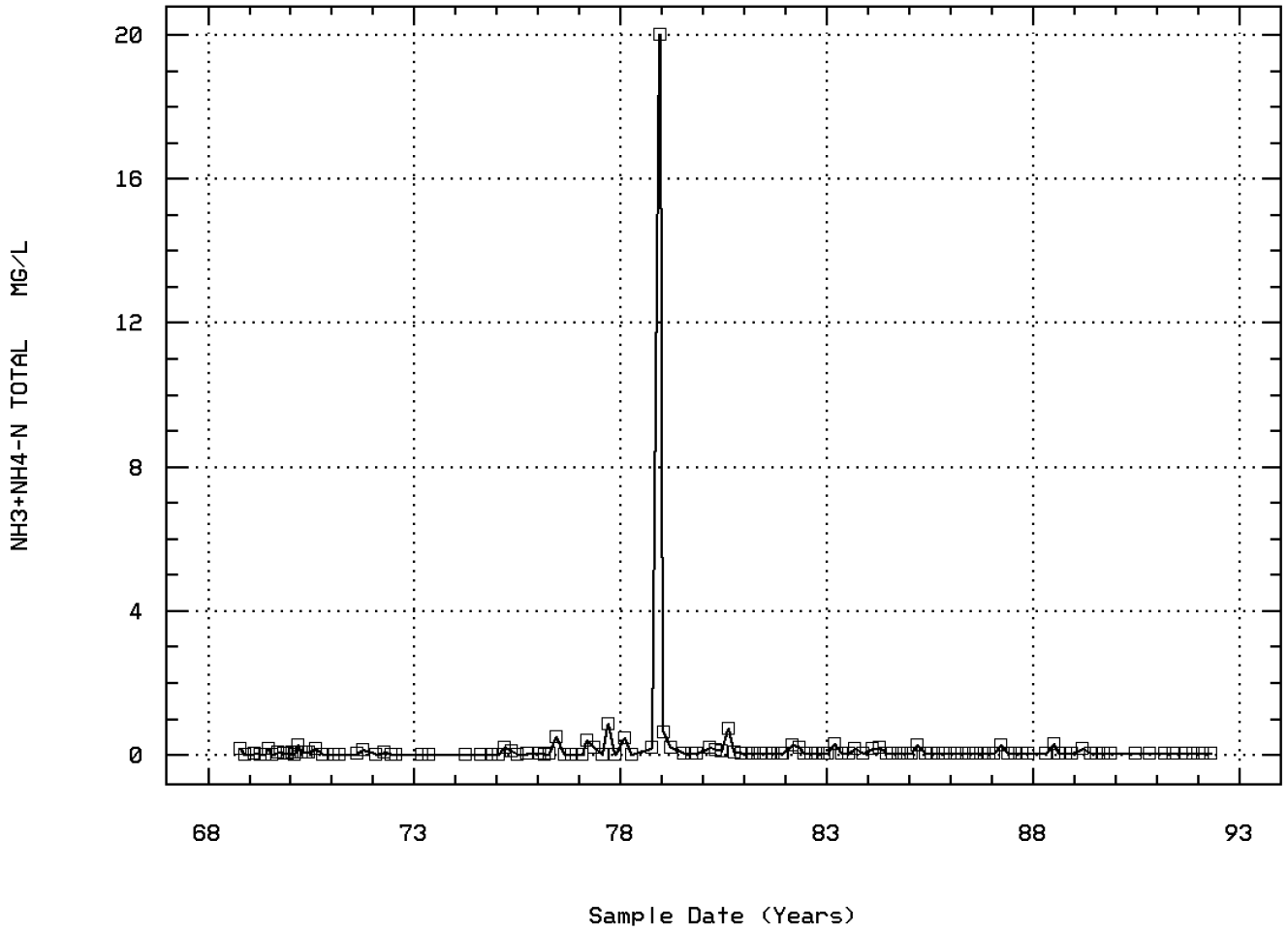
PH, FIELD, STANDARD UNITS



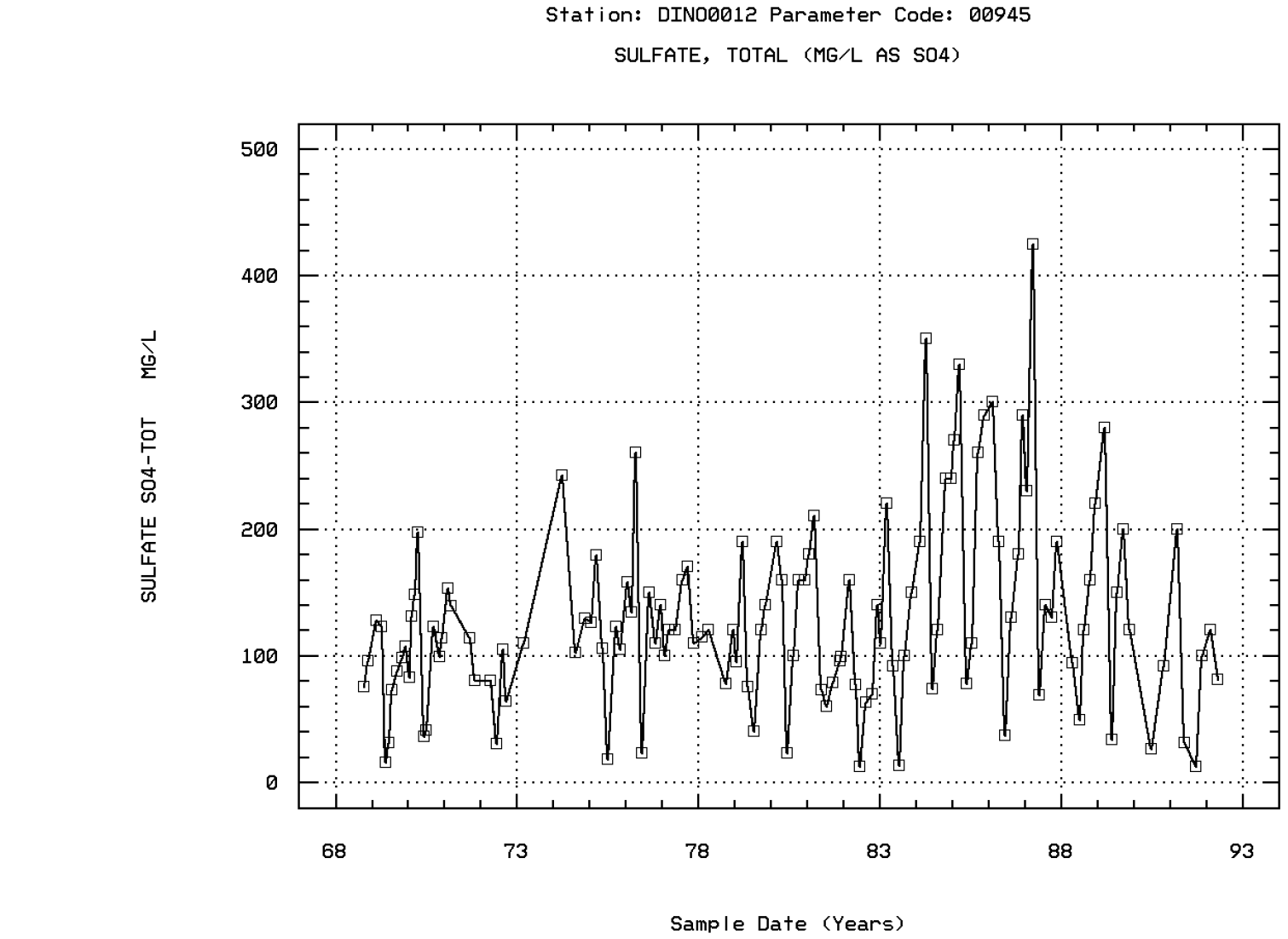
YAMPA BELOW LITTLE SNAKE RIVER

Station: DINO0012 Parameter Code: 00610

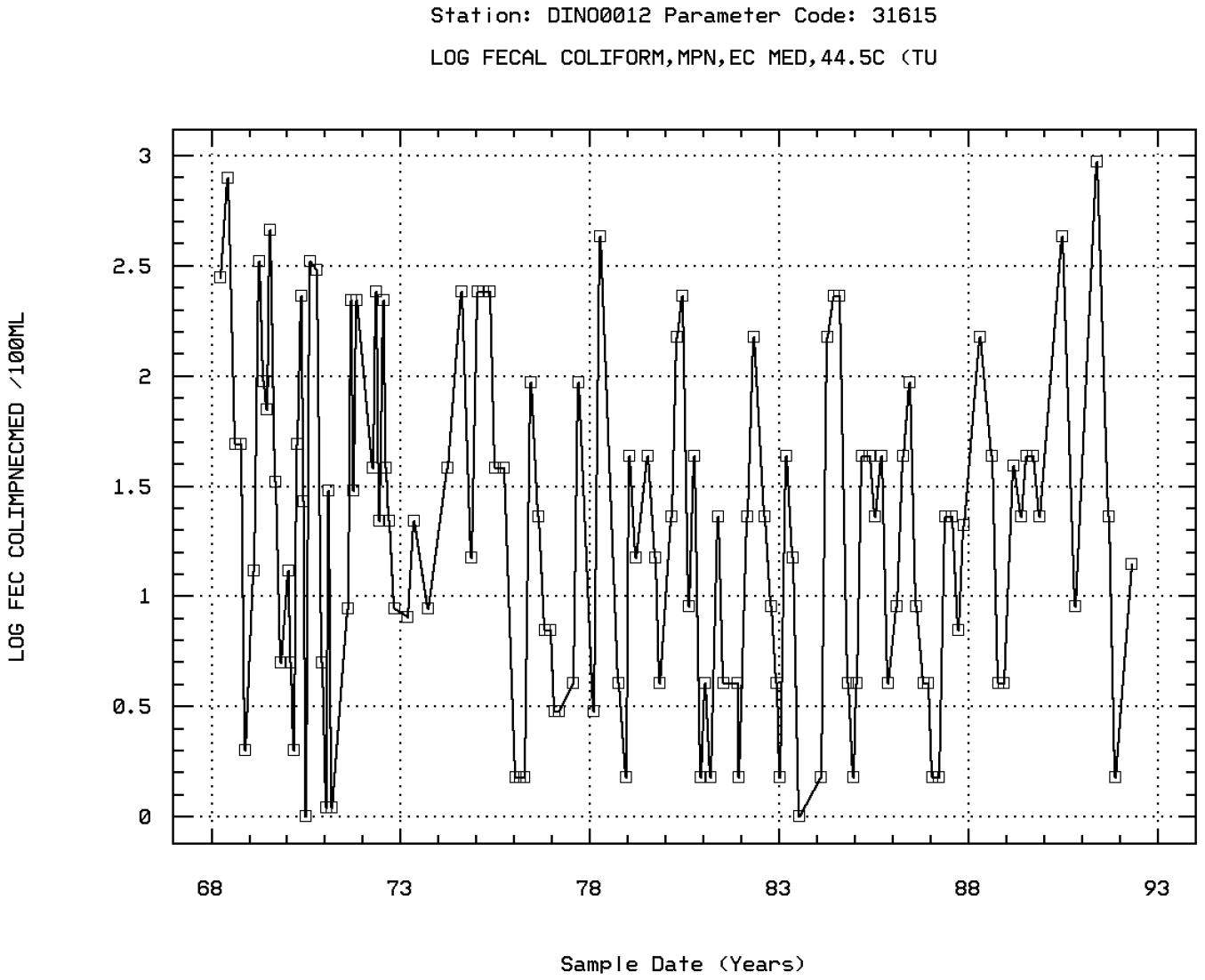
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



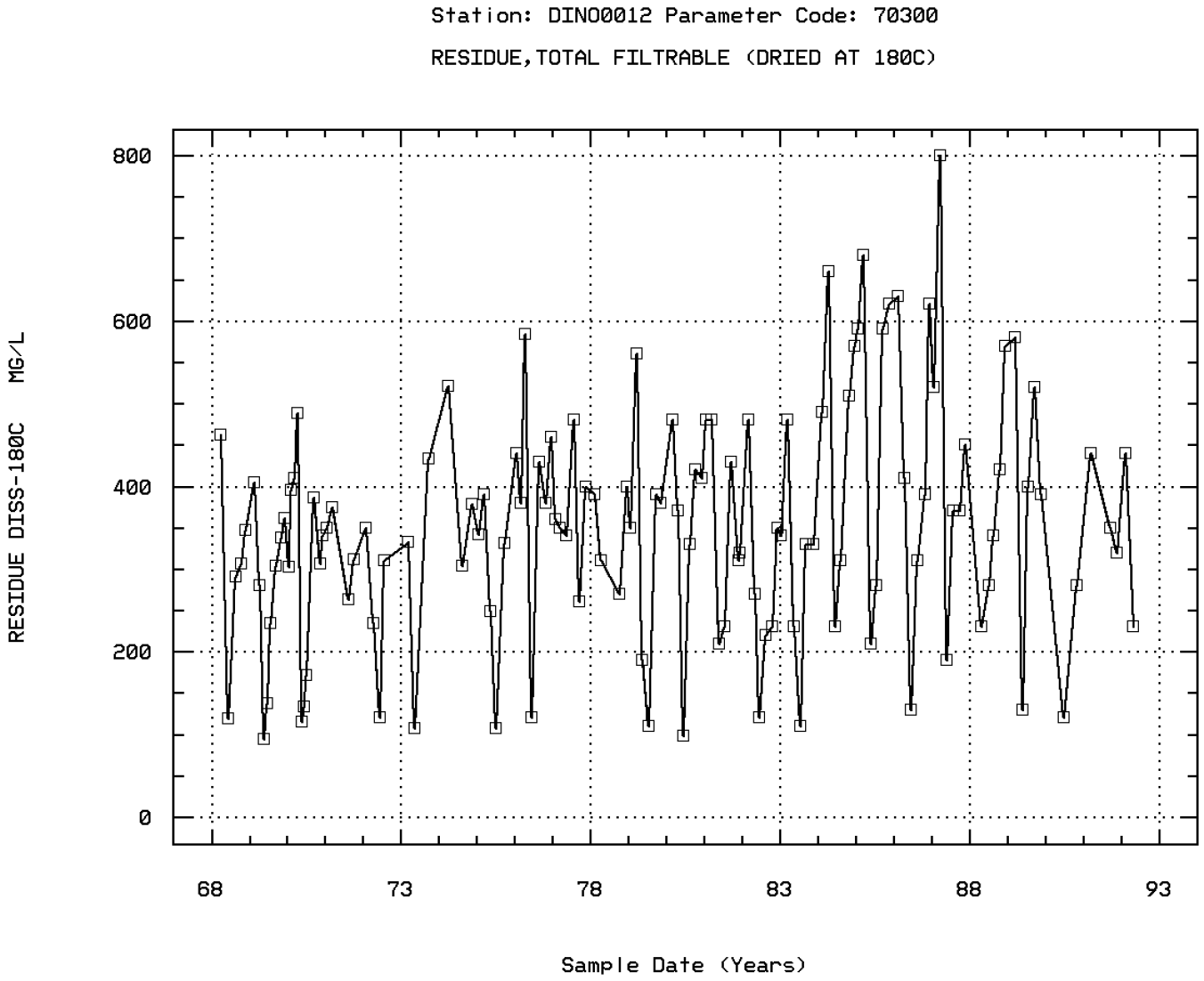
YAMPA BELOW LITTLE SNAKE RIVER



YAMPA BELOW LITTLE SNAKE RIVER



YAMPA BELOW LITTLE SNAKE RIVER



YAMPA BELOW LITTLE SNAKE RIVER

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/68-04/21/92	65	3.889	6.26	23.333	0.	48.943	6.996	0.	0.	11.111	18.889
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	02/28/80-04/21/92	33	45.	48.636	90.	20.	372.301	19.295	25.	30.	65.	78.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/68-06/10/80	31	27.	113.723	1200.	5.2	64119.213	253.218	6.24	15.	84.	249.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/68-04/21/92	64	580.	593.094	960.	320.	19104.404	138.219	445.	510.	647.5	800.
00300	OXYGEN, DISSOLVED MG/L	03/13/73-04/21/92	47	11.4	10.813	13.6	7.2	2.917	1.708	7.96	10.	12.	12.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/13/73-04/21/92	46	104.949	105.635	129.86	88.388	59.785	7.732	94.237	101.708	110.896	115.452
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/68-12/06/88	36	1.95	1.689	4.	0.5	0.794	0.891	0.5	1.	2.	3.
00406p	PH, FIELD, STANDARD UNITS SU	03/27/68-04/21/92	63	8.3	8.279	9.	7.4	0.127	0.356	7.7	8.1	8.5	8.7
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/27/68-04/21/92	63	8.3	8.115	9.	7.4	0.154	0.393	7.7	8.1	8.5	8.7
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/68-04/21/92	63	0.005	0.008	0.04	0.001	0.	0.008	0.002	0.003	0.008	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/06/78-04/21/92	33	160.	165.364	212.	108.	558.239	23.627	133.6	149.	184.	196.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/68-04/21/92	55	24.	208.6	5700.	0.	681287.874	825.402	0.	12.	83.	183.2
00609p	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	10/15/68-04/21/92	55	0.002	0.007	0.102	0.	0.	0.017	0.	0.001	0.007	0.013
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-04/21/92	60	0.05	0.418	20.	0.	6.63	2.575	0.	0.04	0.05	0.2
00612p	AMMONIA, UNIONZED (MG/L AS N)	10/15/68-04/21/92	55	0.002	0.008	0.123	0.	0.	0.021	0.	0.001	0.008	0.016
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/26/68-03/20/79	23	0.	0.005	0.023	0.	0.	0.007	0.	0.	0.007	0.016
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/68-05/09/79	25	0.2	0.364	2.9	0.	0.401	0.633	0.	0.	0.435	1.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/79-04/21/92	35 ##	0.5	0.58	1.6	0.5	0.075	0.274	0.5	0.5	0.5	0.74
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/79-04/21/92	35 ##	0.25	0.405	1.4	0.025	0.12	0.346	0.25	0.25	0.48	1.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-04/21/92	46 ##	0.025	0.115	2.	0.	0.107	0.327	0.025	0.025	0.065	0.16
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	03/27/68-05/09/83	37	0.	0.002	0.02	0.	0.	0.004	0.	0.	0.004	0.005
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/68-04/21/92	54	220.	233.815	420.	157.	3389.399	58.219	176.5	192.25	247.25	340.
00910	CALCIUM (MG/L AS CACO3)	03/27/68-12/08/80	32	130.	130.	180.	88.	477.806	21.859	103.3	115.5	140.	163.7
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/27/68-12/08/80	32	19.	18.781	26.	5.	18.176	4.263	14.6	17.	21.75	24.
00929	SODIUM, TOTAL (MG/L AS NA)	03/27/68-06/10/80	32	51.5	52.75	80.	28.	184.581	13.586	36.3	41.25	63.	72.8
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/68-06/10/80	31	23.	33.161	322.	16.	2902.273	53.873	18.	19.	26.	34.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/15/68-04/21/92	65	123.	140.838	300.	12.5	3593.696	59.947	79.6	99.5	165.	240.
00951	FLUORIDE, TOTAL (MG/L AS F)	03/27/68-07/19/77	20	0.3	0.348	0.7	0.2	0.031	0.175	0.2	0.2	0.475	0.695
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	03/27/68-06/29/88	56	300.	550.536	3900.	0.	573034.253	756.99	144.	200.	575.	1235.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/27/68-05/09/83	27	0.	0.611	5.	0.	2.583	1.607	0.	0.	0.	5.
01022	BORON, TOTAL (UG/L AS B)	03/27/68-11/23/81	25	40.	62.16	240.	0.	4386.64	66.232	0.	0.	110.	150.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/68-06/15/76	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01092	ZINC, TOTAL (UG/L AS ZN)	03/27/68-06/29/88	54	5.	15.926	160.	0.	1099.126	33.153	0.	0.	10.	45.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	03/27/68-06/29/88	55	0.15	0.191	1.8	0.	0.128	0.357	0.	0.	0.15	0.62
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	03/27/68-06/29/88	54	2.5	2.696	28.	0.	23.541	4.852	0.	0.	2.5	4.5
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	03/27/68-06/29/88	52	2.5	3.029	20.	0.	17.681	4.205	0.	0.	2.5	9.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/27/68-06/29/88	54	25.	56.389	640.	0.	13181.525	114.811	0.	0.	62.5	135.
01147	SELENIUM, TOTAL (UG/L AS SE)	03/27/68-11/23/81	22	0.	0.295	2.5	0.	0.492	0.701	0.	0.	0.	1.7
01503	ALPHA, DISSOLVED	09/10/70-12/13/76	9	15.4	19.	35.2	7.9	82.607	9.089	7.9	12.5	27.	35.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/27/68-04/10/78	28	79.	398.571	3000.	5.	707104.624	840.895	15.	32.	240.	2280.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/27/68-04/10/78	28	1.898	1.991	3.477	0.699	0.496	0.704	1.176	1.503	2.38	3.356
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			97.927								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/27/68-04/21/92	61	7.	28.995	300.	1.1	3676.366	60.633	1.5	4.	23.	47.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/27/68-04/21/92	61	0.845	0.953	2.477	0.041	0.391	0.625	0.176	0.602	1.362	1.679
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.978								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/68-09/12/77	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/68-04/21/92	64	383.	401.578	630.	230.	8810.311	93.863	305.5	338.5	447.5	570.

** - Less 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: 3/01 to 5/31 - Station DINO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/68-04/21/92	38	8.333	7.719	16.111	0.	26.957	5.192	0.5	2.222	12.361	14.5
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	02/28/80-04/21/92	17	55.	55.176	80.	35.	209.279	14.466	35.	40.	67.5	76.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/68-06/10/80	20	140.	249.	1000.	59.	58145.579	241.134	64.8	94.25	355.	689.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/68-04/21/92	36	469.5	510.972	1100.	160.	63972.085	252.927	194.	320.	683.5	920.

** - Less 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: 3/01 to 5/31 - Station DINO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	03/13/73-04/21/92	28	10.35	10.618	13.5	8.5	1.964	1.402	8.98	9.375	11.6	12.64
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/13/73-04/21/92	28	108.924	108.297	129.757	89.345	83.775	9.153	94.008	101.698	112.56	121.872
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/68-12/06/88	21	2.	2.471	5.	0.5	1.297	1.139	1.06	1.95	3.	4.72
00406p	PH, FIELD, STANDARD UNITS SU	03/27/68-04/21/92	33	8.3	8.242	8.8	7.2	0.131	0.361	7.7	8.1	8.5	8.66
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/27/68-04/21/92	33	8.3	8.061	8.8	7.2	0.164	0.406	7.7	8.1	8.5	8.66
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/68-04/21/92	33	0.005	0.009	0.063	0.002	0.	0.011	0.002	0.003	0.008	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/06/78-04/21/92	18	116.	113.5	180.	3.	2013.676	44.874	50.7	90.	145.	176.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/68-04/21/92	31	370.	402.387	1850.	0.	129243.778	359.505	93.6	140.	420.	853.6
00609p	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	10/15/68-04/21/92	30	0.004	0.004	0.019	0.	0.	0.004	0.	0.001	0.005	0.008
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-04/21/92	35	0.05	0.105	0.4	0.	0.011	0.103	0.	0.05	0.19	0.268
00612p	AMMONIA, UNIONZED (MG/L AS N)	10/15/68-04/21/92	30	0.004	0.005	0.023	0.	0.	0.005	0.	0.001	0.006	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/26/68-03/20/79	17	0.	0.009	0.053	0.	0.	0.016	0.	0.	0.011	0.043
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/68-05/09/79	18	0.48	0.498	1.3	0.	0.155	0.393	0.	0.2	0.7	1.21
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/79-04/21/92	18 ##	0.8	1.028	2.7	0.5	0.422	0.65	0.5	0.5	1.5	2.07
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/79-04/21/92	18 ##	0.25	0.665	2.2	0.25	0.363	0.602	0.25	0.25	1.025	1.66
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-04/21/92	25	0.3	0.331	0.91	0.	0.069	0.263	0.055	0.1	0.48	0.828
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	03/27/68-05/09/83	22	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.005	0.005
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/68-04/21/92	30	182.	199.367	420.	77.	8410.861	91.711	94.4	123.75	250.	364.2
00910	CALCIUM (MG/L AS CACO3)	03/27/68-12/08/80	17	125.	120.588	268.	51.	2517.007	50.17	52.6	90.	135.	189.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/27/68-12/08/80	17	14.	15.235	30.	4.	55.691	7.463	5.6	9.5	22.	26.
00929	SODIUM, TOTAL (MG/L AS NA)	03/27/68-06/10/80	19	46.	38.474	80.	3.	561.374	23.693	6.	15.	52.	72.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/68-06/10/80	18	13.	14.722	32.	3.	72.212	8.498	3.9	7.	23.	24.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/15/68-04/21/92	34	121.5	153.5	425.	16.	9087.106	95.326	51.5	79.5	202.5	305.
00951	FLUORIDE, TOTAL (MG/L AS F)	03/27/68-07/19/77	13	0.4	0.365	0.55	0.2	0.015	0.123	0.2	0.25	0.475	0.53
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	03/27/68-06/29/88	29	1500.	1732.759	5800.	100.	1850720.69	1360.412	200.	615.	2400.	3800.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/27/68-05/09/83	17	0.	0.735	5.	0.	2.941	1.715	0.	0.	0.	5.
01022	BORON, TOTAL (UG/L AS B)	03/27/68-11/23/81	16	65.	57.813	100.	0.	1301.096	36.071	0.	25.5	87.5	100.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/68-06/15/76	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01092	ZINC, TOTAL (UG/L AS ZN)	03/27/68-06/29/88	28	5.	20.393	200.	0.	1560.396	39.502	0.	0.	23.	57.3
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	03/27/68-06/29/88	28	0.15	0.221	0.9	0.	0.077	0.277	0.	0.	0.493	0.7
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	03/27/68-06/29/88	29	2.5	4.086	20.	0.	31.376	5.601	0.	0.	7.	11.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	03/27/68-06/29/88	28	2.5	5.857	25.	0.	56.312	7.504	0.	0.	11.5	18.1
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/27/68-06/29/88	30	75.	131.167	740.	0.	30282.213	174.018	0.	0.	162.5	428.
01147	SELENIUM, TOTAL (UG/L AS SE)	03/27/68-11/23/81	14	0.	0.857	5.	0.	2.286	1.512	0.	0.	1.25	4.
01503	ALPHA, DISSOLVED	09/10/70-12/13/76	2	5.65	5.65	6.3	5.	0.845	0.919	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/27/68-04/10/78	17	240.	428.941	1300.	4.	168028.184	409.912	4.8	220.	640.	1300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/27/68-04/10/78	17	2.38	2.323	3.114	0.602	0.524	0.724	0.68	2.342	2.794	3.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			210.232								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/27/68-04/21/92	35	43.	117.189	930.	1.1	32260.803	179.613	1.5	15.	150.	298.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/27/68-04/21/92	35	1.633	1.568	2.968	0.041	0.62	0.788	0.176	1.176	2.176	2.474
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			37.022								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/68-09/12/77	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/68-04/21/92	36	345.	360.972	800.	95.	30435.228	174.457	125.5	230.	480.	606.8

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/68-04/21/92	33	20.556	20.02	26.111	11.667	18.135	4.258	12.778	17.222	23.333	24.778
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	02/28/80-04/21/92	14	80.	80.357	95.	70.	59.478	7.712	70.	75.	86.25	92.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/68-06/10/80	15	42.	102.587	550.	5.	27734.62	166.537	7.88	12.	95.	490.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/68-04/21/92	31	360.	361.935	760.	130.	35946.462	189.596	141.	170.	520.	618.6
00300	OXYGEN, DISSOLVED MG/L	03/13/73-04/21/92	22	7.65	7.945	9.4	6.8	0.652	0.808	7.03	7.275	8.675	9.27
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/13/73-04/21/92	22	104.987	107.287	125.886	98.986	58.239	7.631	99.519	100.57	112.185	119.743
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/68-12/06/88	19	1.	1.179	4.	0.5	0.824	0.908	0.5	0.5	1.	3.
00406p	PH, FIELD, STANDARD UNITS SU	03/27/68-04/21/92	31	8.3	8.268	9.	7.6	0.138	0.372	7.62	8.	8.5	8.8

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

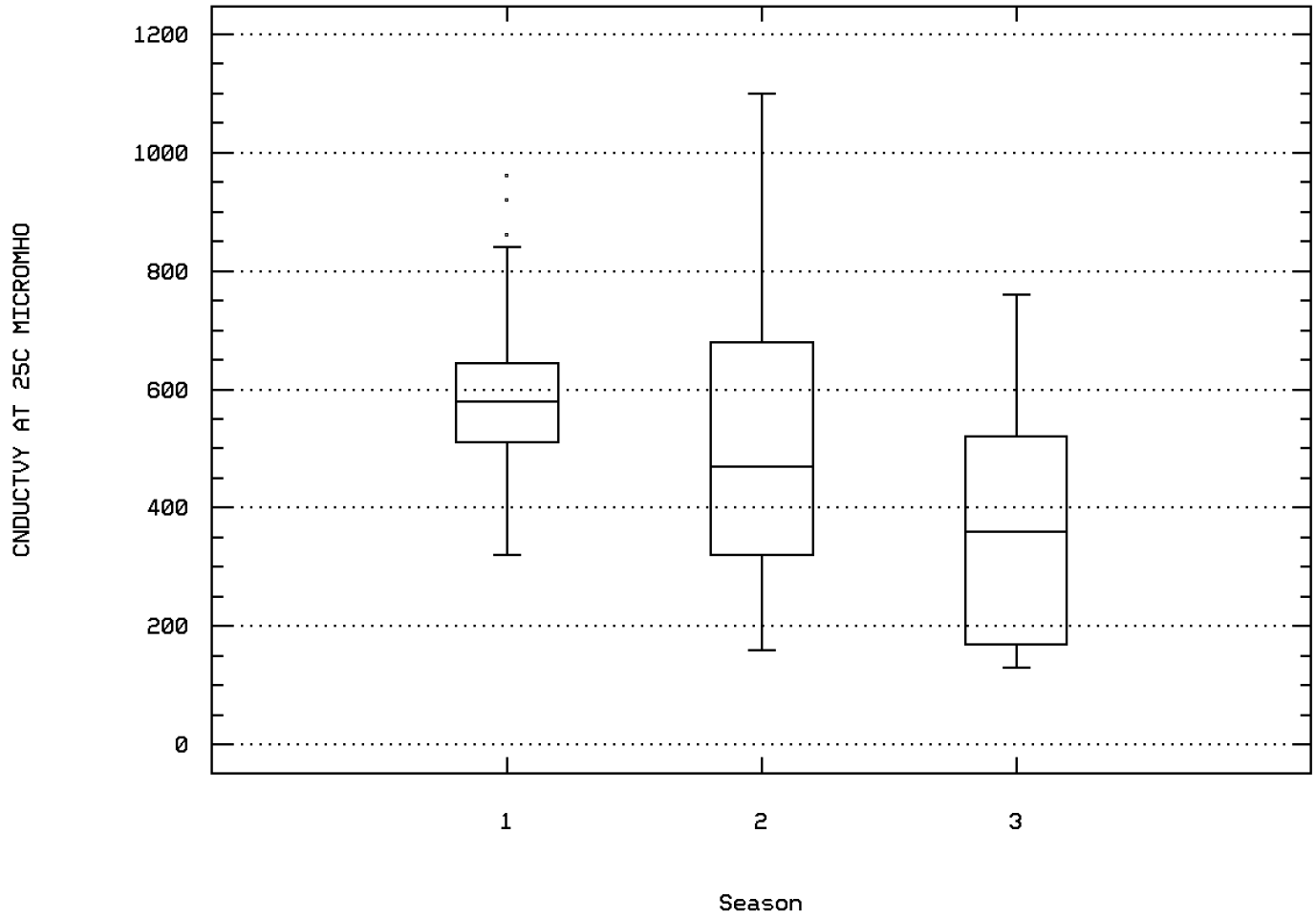
Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/27/68-04/21/92	31	8.3	8.114	9.	7.6	0.163	0.403	7.62	8.	8.5	8.8
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/68-04/21/92	31	0.005	0.008	0.025	0.001	0.	0.007	0.002	0.003	0.01	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/06/78-04/21/92	15	108.	103.333	150.	50.	1430.667	37.824	51.2	60.	140.	148.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/68-04/21/92	26	48.	234.077	3400.	0.	447063.754	668.628	10.	17.75	103.5	543.1
00609p	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	10/15/68-04/21/92	27	0.004	0.009	0.076	0.	0.	0.015	0.	0.	0.014	0.021
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-04/21/92	29	0.05	0.094	0.72	0.	0.024	0.156	0.	0.02	0.065	0.3
00612p	AMMONIA, UNIONZED (MG/L AS N)	10/15/68-04/21/92	27	0.005	0.011	0.092	0.	0.	0.018	0.	0.	0.016	0.026
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/26/68-03/20/79	12	0.	0.006	0.054	0.	0.	0.015	0.	0.	0.004	0.041
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/68-05/09/79	12	0.175	0.446	1.5	0.	0.277	0.526	0.	0.	0.95	1.38
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/79-04/21/92	17 ##	0.5	0.996	7.7	0.5	3.036	1.742	0.5	0.5	0.5	2.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/79-04/21/92	17 ##	0.25	0.226	0.25	0.05	0.004	0.066	0.05	0.25	0.25	0.25
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/74-04/21/92	20	0.093	0.232	2.3	0.015	0.253	0.503	0.025	0.025	0.213	0.53
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	03/27/68-05/09/83	18	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.003	0.005
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/68-04/21/92	26	152.5	144.192	230.	46.	3659.842	60.497	61.1	79.	200.	216.5
00910	CALCIUM (MG/L AS CACO3)	03/27/68-12/08/80	15	78.	81.2	140.	37.	1410.029	37.55	40.6	45.	112.	140.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/27/68-12/08/80	15	11.	12.067	20.	6.	22.495	4.743	6.6	7.	16.	18.8
00929	SODIUM, TOTAL (MG/L AS NA)	03/27/68-06/10/80	15	23.	25.867	90.	6.	488.124	22.094	6.6	8.	34.	63.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/68-06/10/80	15	16.	16.	46.	2.	152.429	12.346	2.6	6.	22.	35.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/15/68-04/21/92	28	61.5	72.714	160.	12.	2308.73	48.049	17.5	30.25	117.5	150.
00951	FLUORIDE, TOTAL (MG/L AS F)	03/27/68-07/19/77	13	0.3	0.358	0.8	0.1	0.032	0.178	0.1	0.3	0.425	0.68
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	03/27/68-06/29/88	27	370.	690.	4700.	0.	850661.538	922.313	80.	190.	1000.	1420.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/27/68-05/09/83	13	0.	0.846	6.	0.	4.308	2.075	0.	0.	0.	5.6
01022	BORON, TOTAL (UG/L AS B)	03/27/68-11/23/81	14	20.	42.857	120.	0.	2329.67	48.267	0.	0.	85.	120.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/68-06/15/76	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01092	ZINC, TOTAL (UG/L AS ZN)	03/27/68-06/29/88	26	5.	20.5	130.	0.	1472.42	38.372	0.	0.	15.5	113.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	03/27/68-06/29/88	25	0.15	0.224	1.5	0.	0.157	0.396	0.	0.	0.15	0.94
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	03/27/68-06/29/88	26	2.5	3.442	19.	0.	24.187	4.918	0.	0.	3.	12.9
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	03/27/68-06/29/88	24	2.5	3.854	16.	0.	21.402	4.626	0.	0.	7.	12.5
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/27/68-06/29/88	25	25.	88.	1400.	0.	77225.	277.894	0.	0.	50.	156.
01147	SELENIUM, TOTAL (UG/L AS SE)	03/27/68-11/23/81	10	0.	1.	6.	0.	4.	2.	0.	0.	1.5	5.7
01503	ALPHA, DISSOLVED	09/10/70-12/13/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/27/68-04/10/78	16	240.	911.188	7900.	9.	3844042.963	1960.623	18.1	39.25	700.	3980.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/27/68-04/10/78	16	2.38	2.346	3.898	0.954	0.611	0.782	1.226	1.593	2.832	3.522
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			221.842								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/27/68-04/21/92	31	43.	124.09	790.	0.	31782.826	178.277	4.	22.	230.	410.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/27/68-04/21/92	31	1.633	1.624	2.898	0.	0.555	0.745	0.602	1.342	2.362	2.61
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			42.03								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/68-09/12/77	12	0.	0.003	0.03	0.	0.	0.009	0.	0.	0.	0.021
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/68-04/21/92	31	230.	232.613	480.	98.	12016.312	109.619	110.	120.	310.	394.

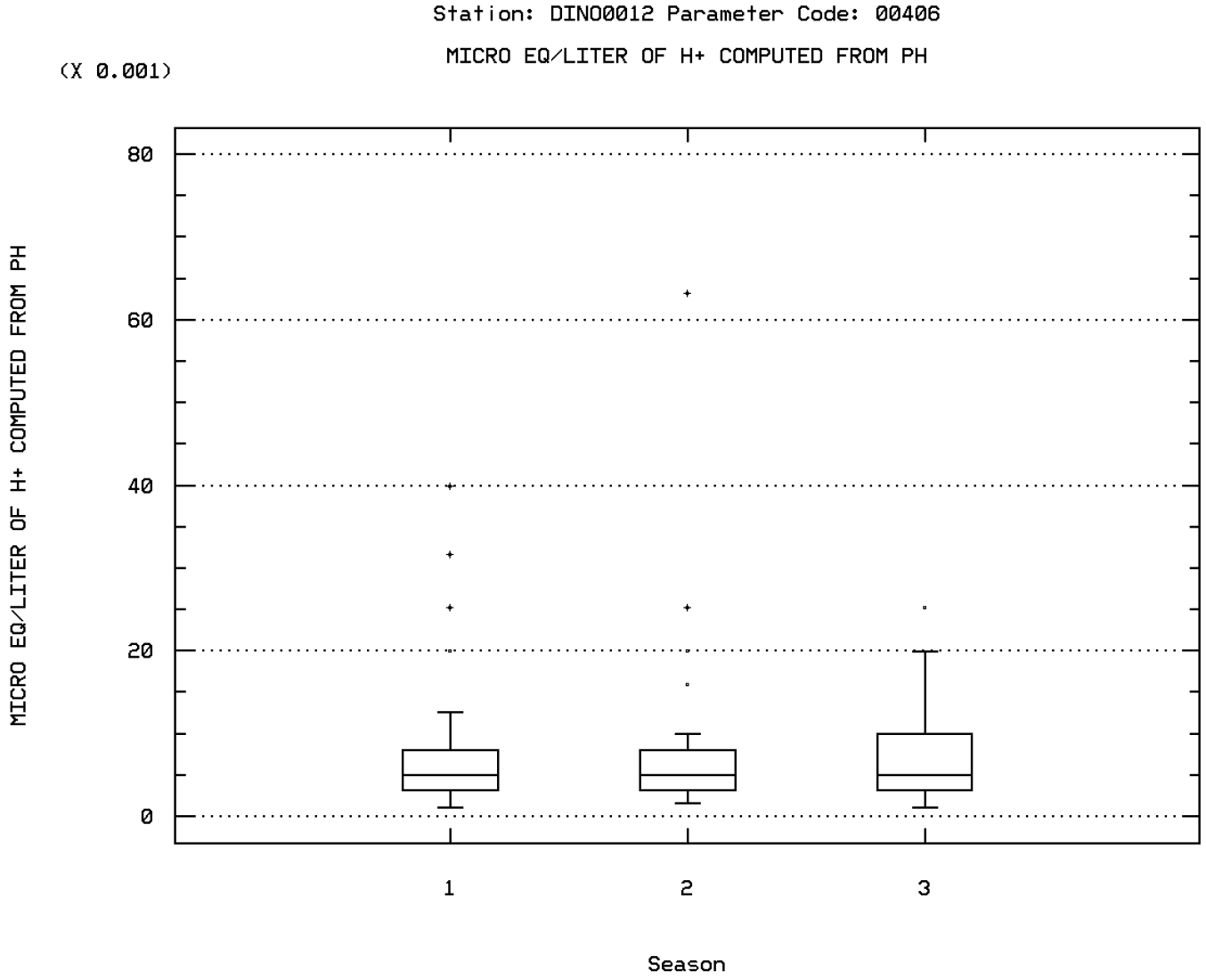
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: DINO0012 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



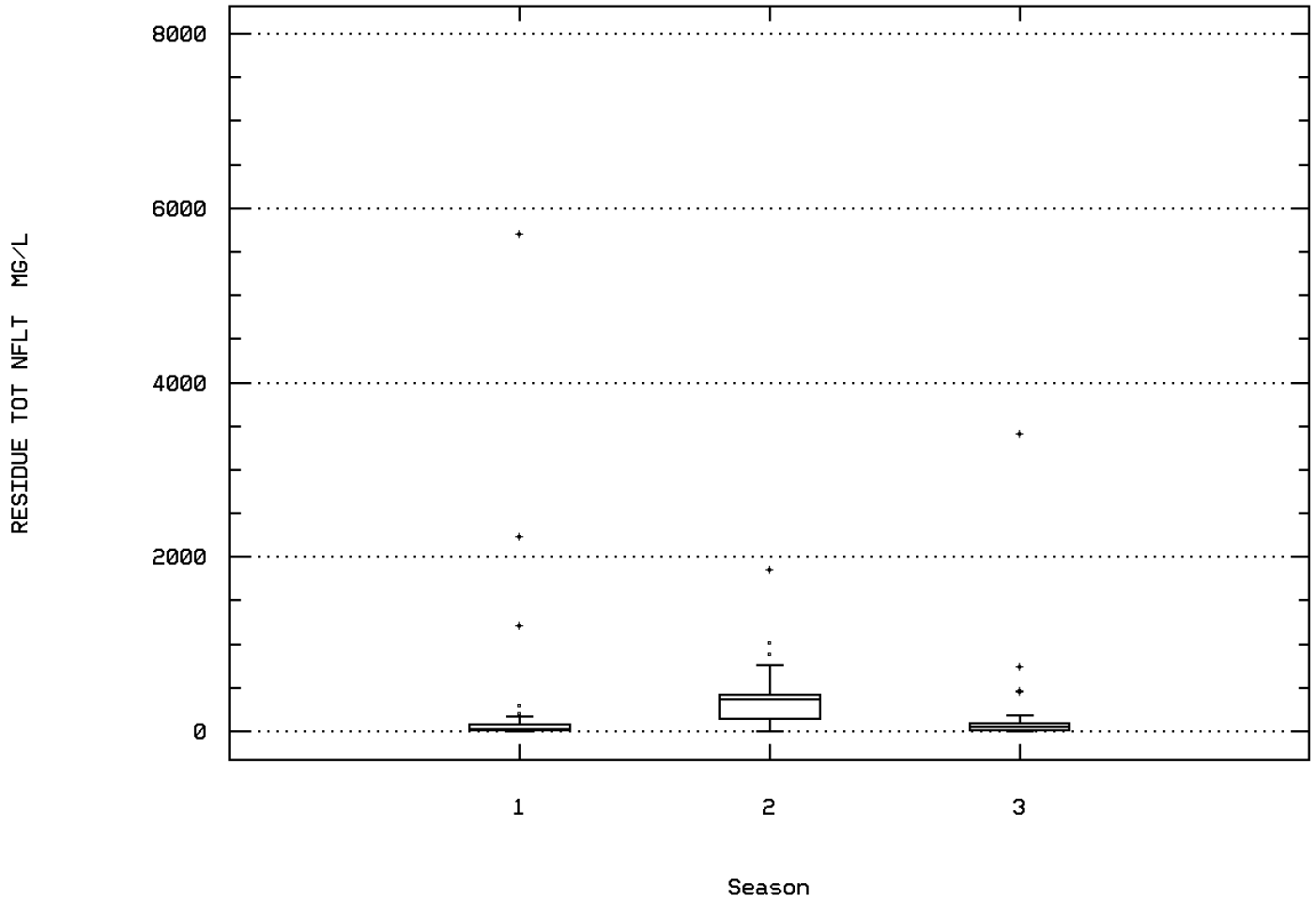
YAMPA BELOW LITTLE SNAKE RIVER



YAMPA BELOW LITTLE SNAKE RIVER

Station: DINO0012 Parameter Code: 00530

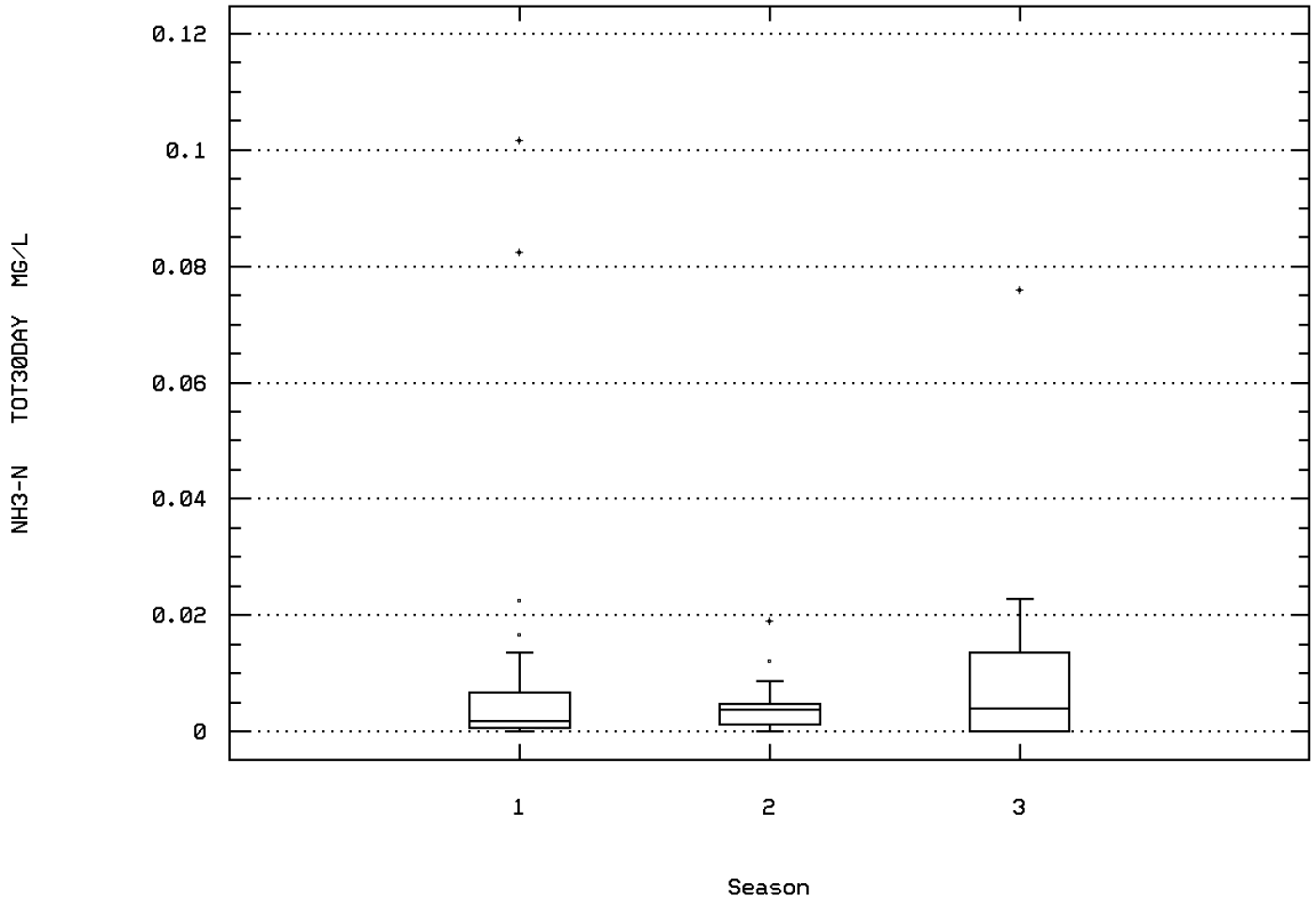
RESIDUE, TOTAL NONFILTRABLE (MG/L)



YAMPA BELOW LITTLE SNAKE RIVER

Station: DINO0012 Parameter Code: 00609

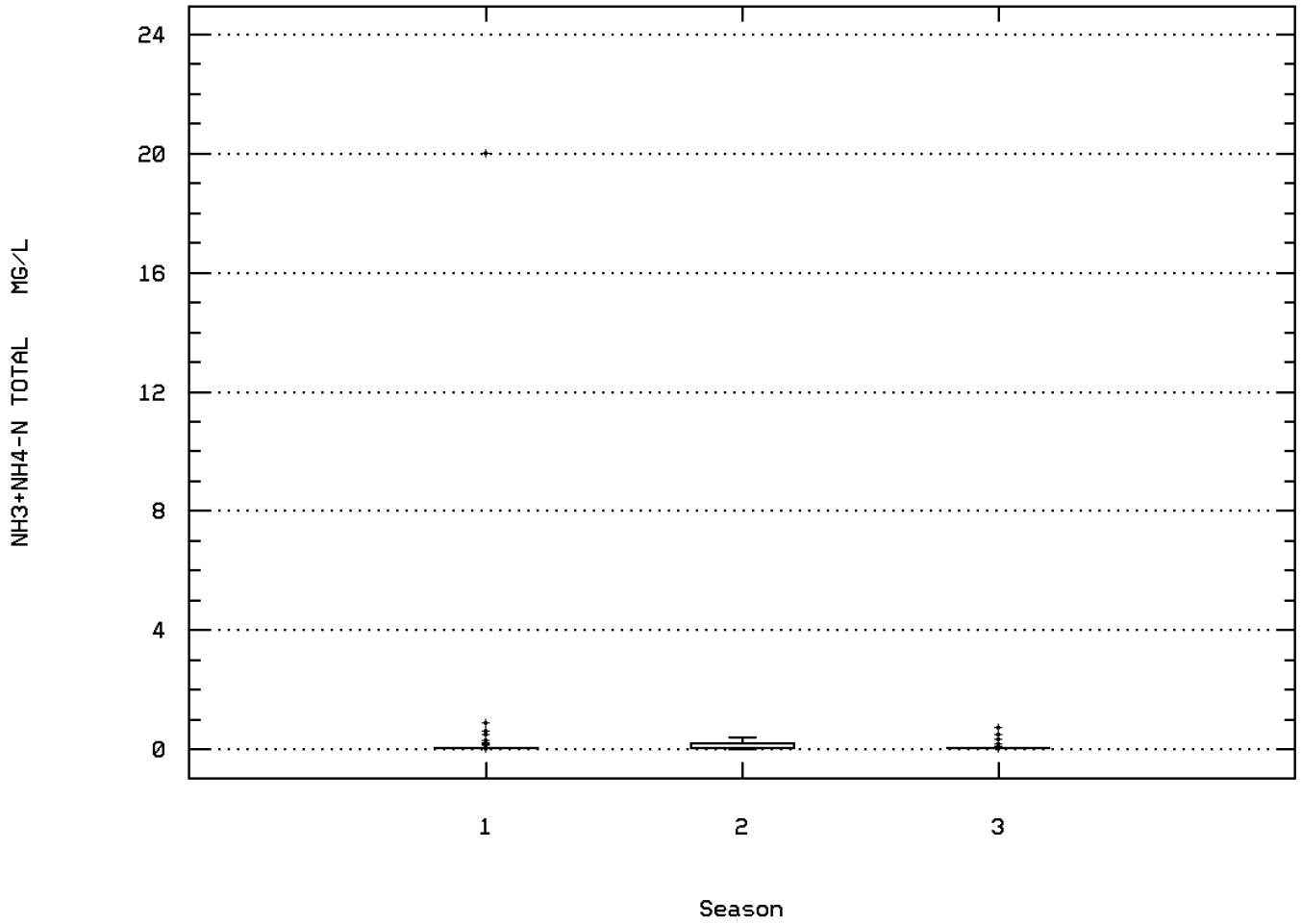
TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L A



YAMPA BELOW LITTLE SNAKE RIVER

Station: DINO0012 Parameter Code: 00610

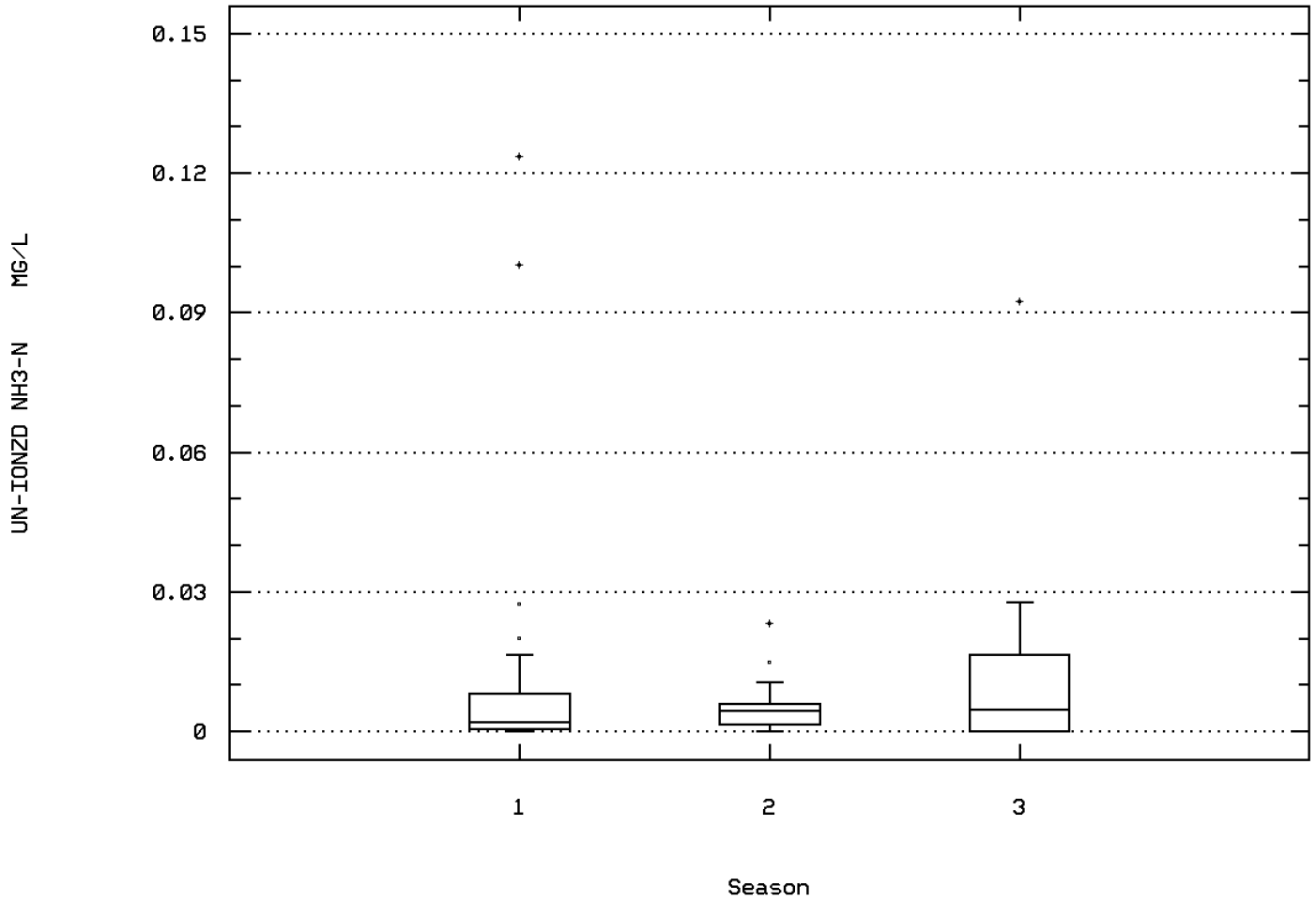
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



YAMPA BELOW LITTLE SNAKE RIVER

Station: DINO0012 Parameter Code: 00612

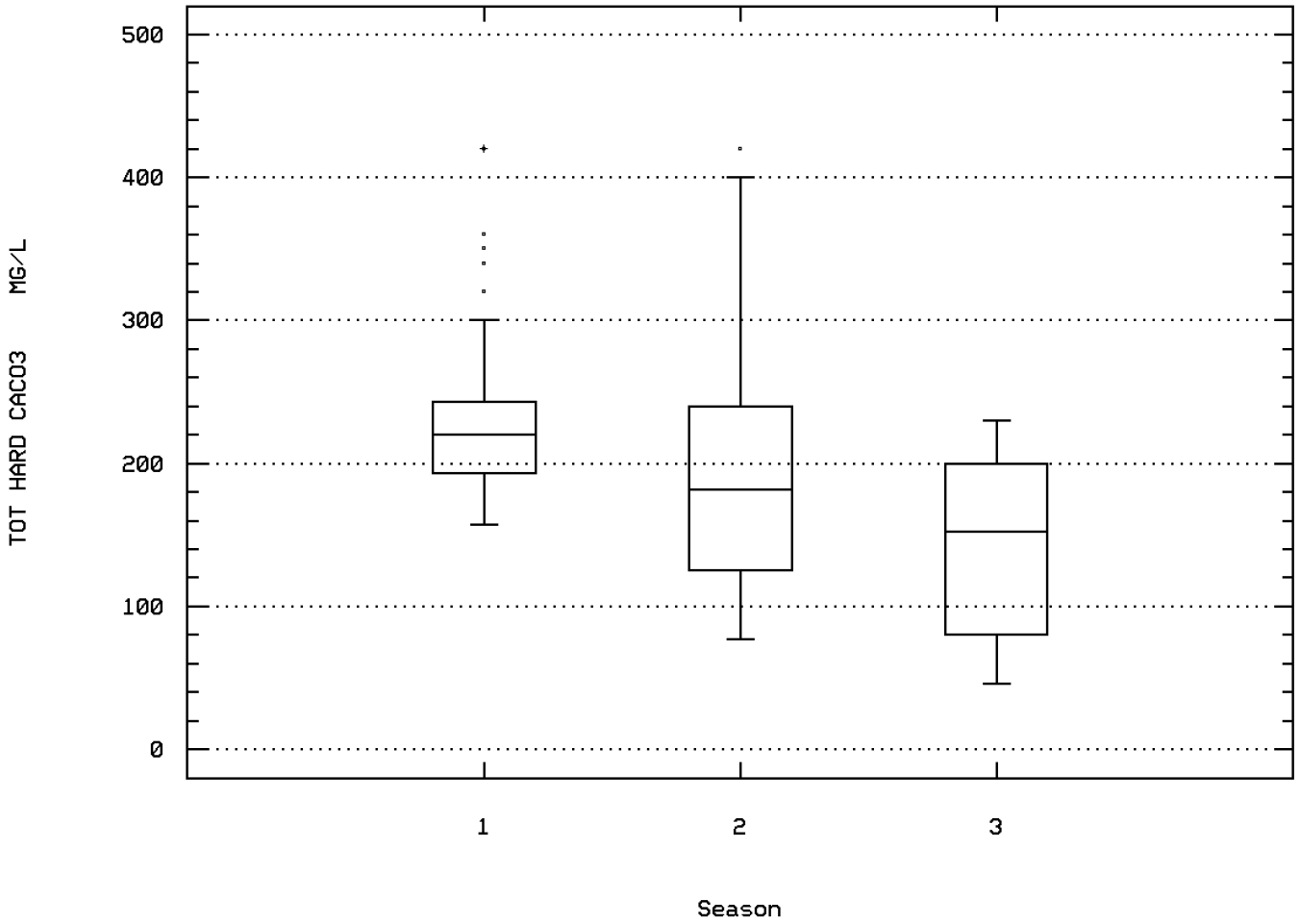
AMMONIA, UNIONZED



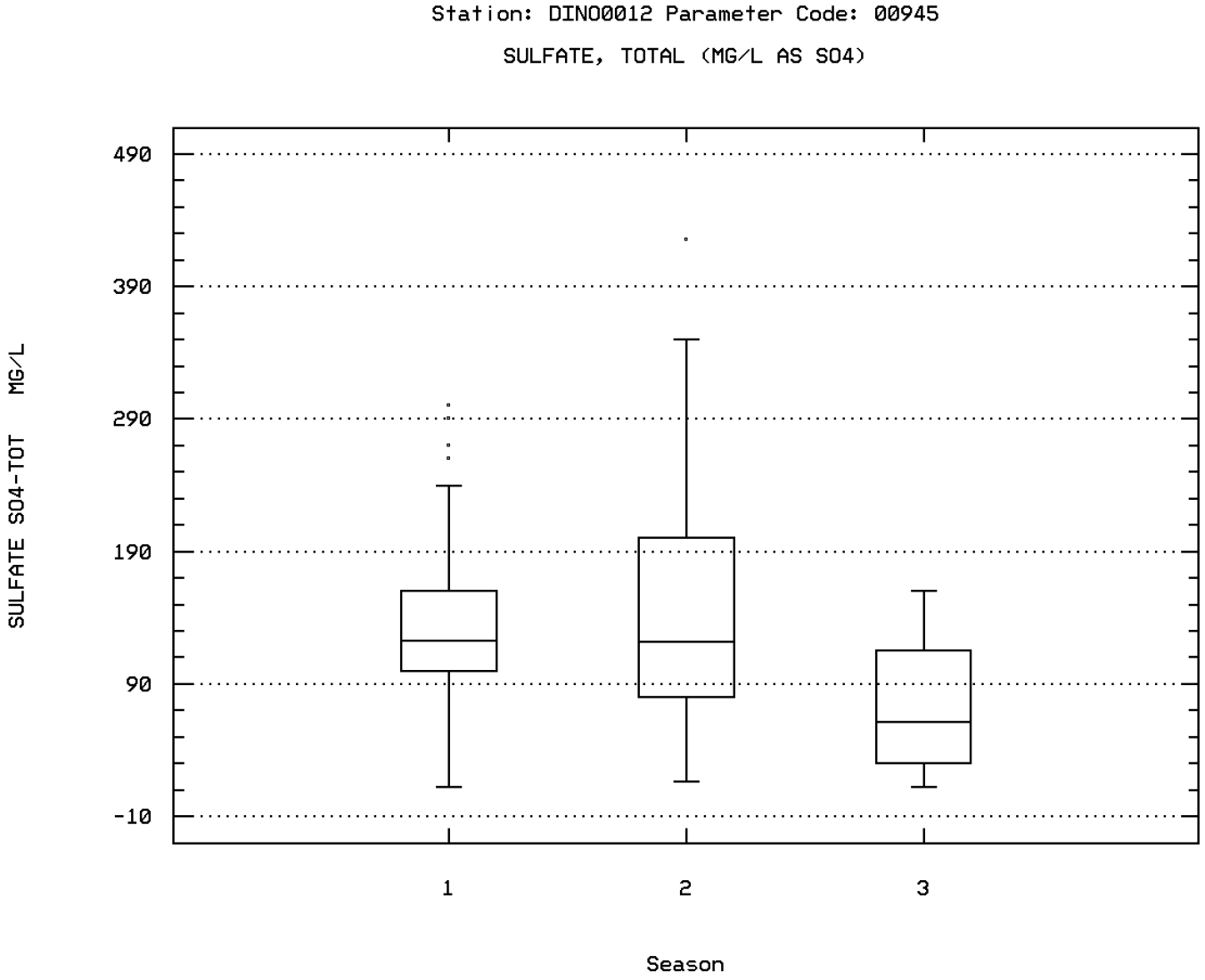
YAMPA BELOW LITTLE SNAKE RIVER

Station: DINO0012 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CACO3)



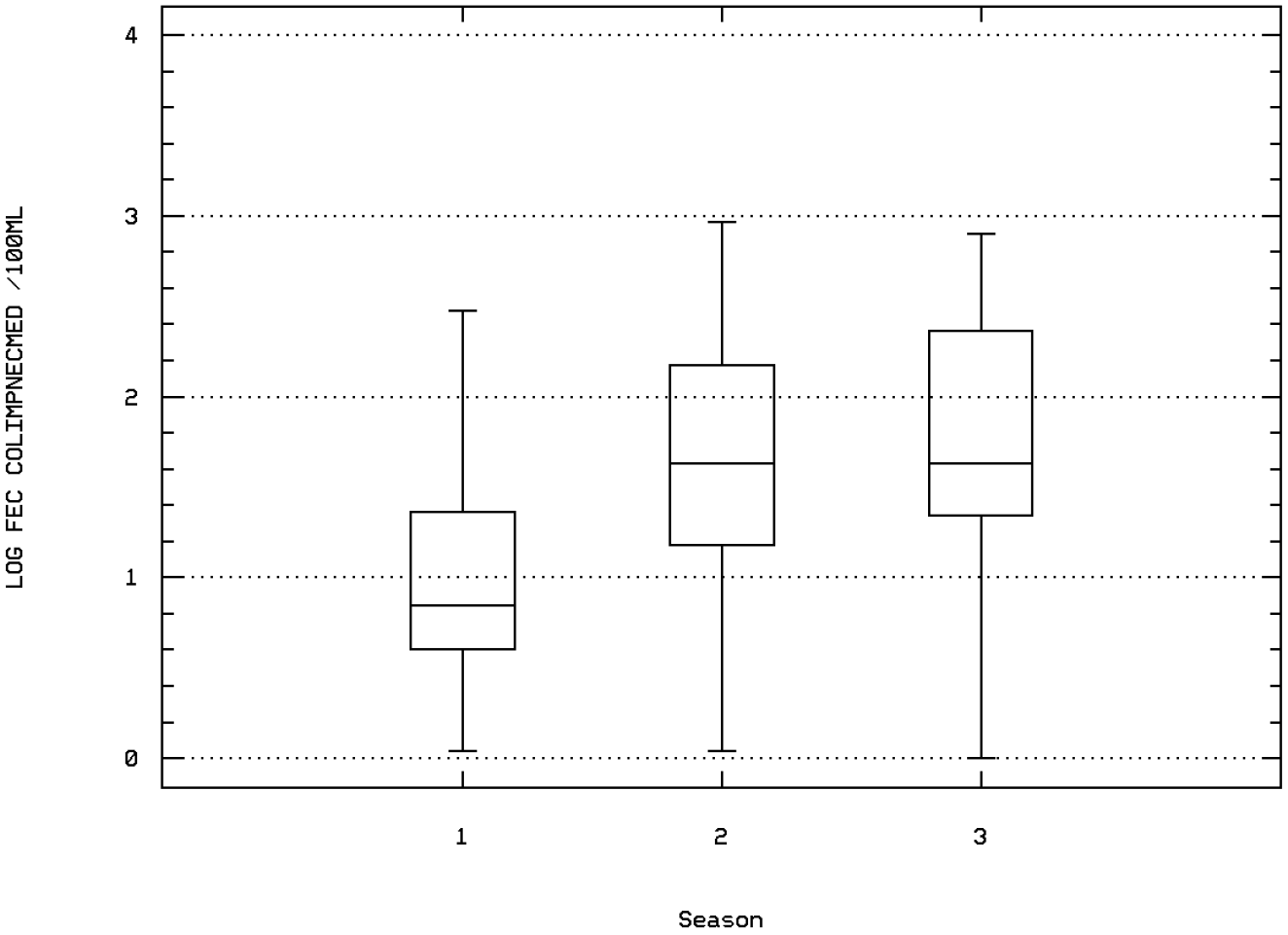
YAMPA BELOW LITTLE SNAKE RIVER



YAMPA BELOW LITTLE SNAKE RIVER

Station: DINO0012 Parameter Code: 31615

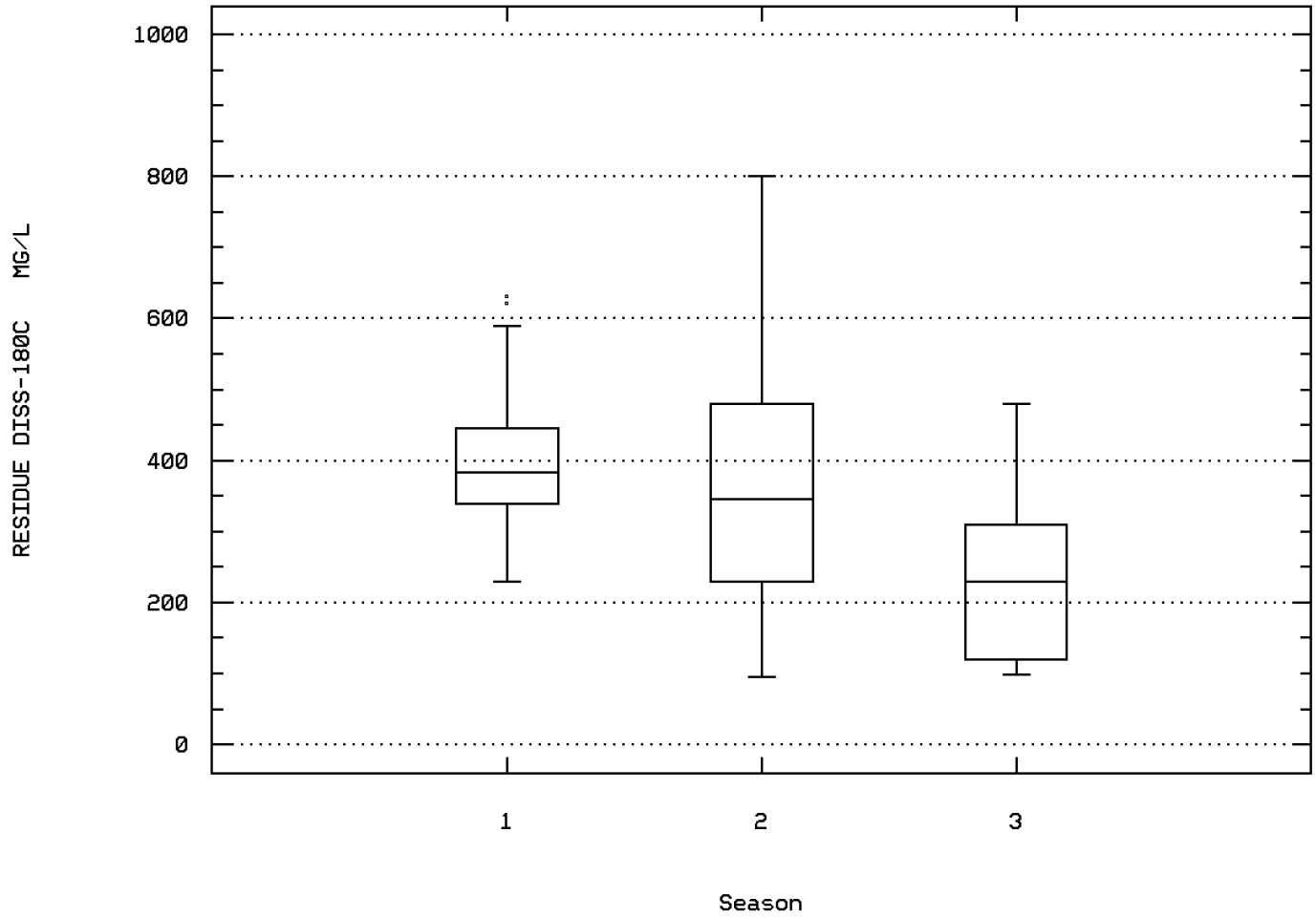
LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



YAMPA BELOW LITTLE SNAKE RIVER

Station: DINO0012 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



YAMPA BELOW LITTLE SNAKE RIVER

Station Inventory for Station: DINO0013

NPS Station ID: DINO0013 | LAT/LON: 40.454699/-108.518115 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00184 | | FIPS State/County: 08081 COLORADO/MOFFAT |
Station Type: /TYPA/AMBNT/SPRING | | STORET Station ID(s): DINO_NURE_93 /NURE_1155140 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | | |
HUC: 14050002 | Depth of Water: 0 | Aquifer: | |
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id: | |
Minor Basin: GREEN RIVER | | ECO Region: | |
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1: |
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3: |

Description:
THE SITE IS LOCATED ON THE INDIAN WATER CANYON; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
22703 URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	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: DINO0013

			Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
22703 URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0014

NPS Station ID: DINO0014 | LAT/LON: 40.449392/-108.521115 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00181 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_91 /NURE_1155333
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE INDIAN WATER CANYON; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	1	700.	700.	700.	700.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/77-09/19/77	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/77-09/19/77	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/77-09/19/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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: DINO0015

NPS Station ID: DINO0015 | LAT/LON: 40.446698/-108.521698 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00180 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_92 /NURE_1155139
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE INDIAN WATER CANYON; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/77-09/19/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/77-09/19/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/77-09/19/77	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	1	0.94	0.94	0.94	0.94	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0016

NPS Station ID: DINO0016
LAT/LON: 40.451671/-108.524449
Agency: 112WRD
Date Created: 02/20/76
Location: YAMPA RIVER AT DEERLODGE PARK, CO.
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09260050
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14050003002009.95
RF3 Mile Point: 9.95
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11/08/96-03/20/97	2	184.	184.	215.	153.	1922.	43.841	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	118	13.4	12.864	27.3	0.	56.829	7.538	0.5	7.3	19.	23.
00025	BAROMETRIC PRESSURE (MM OF HG)	11/08/96-03/20/97	2	634.5	634.5	636.	633.	4.5	2.121	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	158	1892.5	4440.297	17600.	37.	25236859.968	5023.63	180.9	378.5	7180.	14060.7
00065	STAGE, STREAM (FEET)	05/27/83-03/20/97	3	5.07	6.463	11.23	3.09	18.021	4.245	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	97	548.	539.959	1070.	122.	69483.311	263.597	189.	295.5	730.5	891.
00300	OXYGEN, DISSOLVED MG/L	08/26/75-03/20/97	4	9.05	9.55	12.7	7.4	6.417	2.533	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/75-03/20/97	4	8.34	8.345	8.6	8.1	0.044	0.21	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/75-03/20/97	4	8.336	8.308	8.6	8.1	0.046	0.214	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/75-03/20/97	4	0.005	0.005	0.008	0.003	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/27/83-11/08/96	4	7.8	7.8	8.	7.6	0.033	0.183	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-11/08/96	4	7.789	7.772	8.	7.6	0.034	0.185	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-11/08/96	4	0.016	0.017	0.025	0.01	0.	0.007	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/26/75-08/26/75	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/26/75-08/26/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/26/75-08/26/75	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/08/96-11/08/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/08/96-11/08/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/75-11/08/96	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/26/75-08/26/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-11/08/96	2	0.275	0.275	0.3	0.25	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-08/26/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/75-11/08/96	5	0.2	0.2	0.4	0.05	0.024	0.154	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-11/08/96	2	0.1	0.1	0.19	0.01	0.016	0.127	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/75-11/08/96	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/08/96-11/08/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/75-08/26/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/83-11/08/96	4	27.	28.	41.	17.	108.	10.392	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/83-11/08/96	4	9.9	10.225	16.	5.1	22.883	4.784	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/27/83-11/08/96	4	15.65	25.725	64.	7.6	692.383	26.313	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/27/83-11/08/96	4	1.65	1.575	2.	1.	0.176	0.419	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/27/83-11/08/96	4	5.	8.5	22.	2.	89.	9.434	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/27/83-11/08/96	4	46.5	58.5	120.	21.	1985.667	44.561	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/27/83-11/08/96	4	0.2	0.2	0.3	0.1	0.013	0.115	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/27/83-11/08/96	4	8.9	8.7	10.	7.	1.88	1.371	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/17/76-08/17/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/75-11/08/96	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/26/75-08/26/75	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: DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	08/26/75-08/26/75	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/17/76-08/17/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	08/26/75-08/26/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01036	COBALT, SUSPENDED (UG/L AS CO)	08/26/75-08/26/75	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	08/26/75-08/26/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/75-11/08/96	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/26/75-08/26/75	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/26/75-08/26/75	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/17/76-08/17/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	08/26/75-08/26/75	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/26/75-11/08/96	2	18125.	18125.	36000.	250.	639031250.	25279.067	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/75-08/26/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/75-11/08/96	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/26/75-08/26/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/26/75-08/26/75	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/17/76-08/17/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/26/75-08/26/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/26/75-11/08/96	2	435.	435.	850.	20.	344450.	586.899	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/75-11/08/96	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/26/75-08/26/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/26/75-08/26/75	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/26/75-08/26/75	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/17/76-08/17/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	11/08/96-11/08/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/26/75-08/26/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/75-11/08/96	2 ##	0.75	0.75	1.5	0.	1.125	1.061	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/26/75-08/26/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/26/75-08/26/75	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/17/76-08/17/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/26/75-11/08/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01146	SELENIUM, SUSPENDED (UG/L AS SE)	08/26/75-08/26/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/26/75-08/26/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/17/76-08/17/76	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/08/96-11/08/96	1	82.	82.	82.	82.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/08/96-11/08/96	1	1.914	1.914	1.914	1.914	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			82.								
31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	11/08/96-11/08/96	1	225.	225.	225.	225.	0.	0.	**	**	**	**
31633	LOG E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100	11/08/96-11/08/96	1	2.352	2.352	2.352	2.352	0.	0.	**	**	**	**
31633	GM E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100M	GEOMETRIC MEAN =			225.								
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/01/82-07/28/94	27	64.	60.074	95.	13.	596.764	24.429	18.8	38.	81.	89.4
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	04/27/82-07/29/82	11	13.	14.545	43.	3.	126.673	11.255	3.4	5.	17.	39.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	04/27/82-07/29/82	11	16.	18.273	53.	3.	201.218	14.185	3.6	7.	23.	48.6
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	04/27/82-07/29/82	11	23.	26.727	71.	4.	374.418	19.35	5.	10.	37.	65.8
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	04/27/82-07/14/83	33	64.	60.545	94.	8.	521.693	22.841	20.6	46.5	79.	88.6
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	04/27/82-07/29/82	11	62.	53.364	90.	9.	720.055	26.834	11.8	27.	74.	88.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	04/27/82-07/29/82	11	76.	65.636	96.	12.	823.255	28.692	15.2	43.	92.	95.6
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	04/27/82-07/29/82	11	94.	84.818	100.	19.	536.964	23.172	31.2	80.	97.	100.
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	04/27/82-07/29/82	9	100.	99.222	100.	95.	2.944	1.716	95.	99.	100.	100.
70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	05/12/82-07/29/82	3	100.	100.	100.	100.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/75-08/26/75	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/26/75-11/08/96	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/26/75-08/26/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/26/75-08/26/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/17/76-08/17/76	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
72104	SAMPLE LOCATION, DISTANCE DOWNSTREAM (FEET)	11/08/96-11/08/96	1	2640.	2640.	2640.	2640.	0.	0.	**	**	**	**
72105	SAMPLE LOCATION, DISTANCE UPSTREAM (FEET)	03/20/97-03/20/97	1	1848.	1848.	1848.	1848.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/01/82-07/28/94	62	984.	1314.548	7020.	16.	1381770.907	1175.488	284.2	558.25	1920.	2738.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/01/82-04/08/83	27	23000.	22015.111	68400.	239.	395317863.41	19882.602	887.	2820.	31400.	57600.

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

EPA Water Quality Criteria Analysis for Station: DINO0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	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			
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	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.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01051	LEAD, TOTAL	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			
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	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			
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			
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	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.	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			
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	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

Annual Analysis for 1975 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	1	494.	494.	494.	494.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	1	460.	460.	460.	460.	0.	0.	**	**	**	**

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

Annual Analysis for 1976 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	1	374.	374.	374.	374.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	1	445.	445.	445.	445.	0.	0.	**	**	**	**

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

Annual Analysis for 1982 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	19	13.2	13.337	21.5	8.	16.405	4.05	8.	10.7	15.5	19.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	19	9410.	8193.684	11500.	1570.	7215891.228	2686.241	2350.	6250.	9780.	11400.

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

Annual Analysis for 1983 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	3	20.5	18.833	22.	14.	18.083	4.252	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	43	7180.	8516.628	17600.	646.	35045833.525	5919.952	1190.	3480.	15200.	15800.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	3	240.	254.	350.	172.	8068.	89.822	**	**	**	**

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

Annual Analysis for 1984 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	1	651.	651.	651.	651.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	1	470.	470.	470.	470.	0.	0.	**	**	**	**

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

Annual Analysis for 1985 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	6	11.25	10.583	23.5	0.	87.942	9.378	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	6	791.	2286.333	6577.	574.	6508302.267	2551.137	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	6	772.5	722.167	993.	306.	62452.567	249.905	**	**	**	**

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

Annual Analysis for 1986 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	8	8.25	9.438	20.	0.	67.031	8.187	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	8	893.5	2687.125	14023.	353.	21792842.411	4668.28	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	7	750.	703.286	1000.	156.	83006.238	288.108	**	**	**	**

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

Annual Analysis for 1987 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	10	13.25	11.9	24.	0.	80.211	8.956	0.05	3.5	20.375	23.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	10	611.5	1167.1	5730.	180.	2827588.989	1681.544	182.4	240.	1285.	5335.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	10	712.5	759.7	1070.	220.	60818.678	246.614	265.2	674.25	1006.25	1067.

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

Annual Analysis for 1988 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	11	10.5	11.591	23.5	0.5	77.691	8.814	0.5	3.5	21.5	23.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	11	287.	1408.455	5836.	87.	4658801.473	2158.426	99.8	182.	2460.	5722.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	11	723.	668.909	1070.	298.	65455.491	255.843	303.4	365.	841.	1051.6

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

Annual Analysis for 1989 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	11	14.5	13.955	23.5	1.8	49.671	7.048	2.44	9.5	20.5	22.94
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	11	256.	1873.636	5610.	37.	5187041.455	2277.508	55.	140.	4840.	5520.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	11	649.	479.273	856.	189.	75000.618	273.862	190.4	196.	721.	832.2

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

Annual Analysis for 1990 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	10	12.	11.31	23.5	0.	80.939	8.997	0.	0.45	19.125	23.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	10	261.	1485.2	6810.	93.	5388890.844	2321.398	99.5	175.25	2691.25	6568.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	10	345.5	385.7	704.	189.	31697.567	178.038	190.2	201.	526.25	690.5

** - 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

Annual Analysis for 1991 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	9	16.9	14.456	24.2	0.1	52.088	7.217	0.1	10.05	19.05	24.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	9	756.	2529.	9346.	196.	12167716.75	3488.225	196.	300.5	4852.5	9346.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	9	615.	535.222	885.	147.	91542.944	302.561	147.	191.	816.	885.

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

Annual Analysis for 1992 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	10	16.95	14.53	23.7	3.1	44.12	6.642	3.24	9.525	18.975	23.28
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	10	712.5	1960.5	6613.	125.	5560894.722	2358.155	137.	327.5	4282.25	6452.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	10	388.	381.9	685.	160.	29878.322	172.853	163.6	218.5	524.5	669.7

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

Annual Analysis for 1993 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	7	13.	12.243	21.7	0.	54.656	7.393	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	7	688.	3786.571	12900.	354.	25655359.619	5065.112	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	7	465.	416.143	719.	135.	42138.476	205.277	**	**	**	**

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

Annual Analysis for 1994 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	9	20.4	17.156	27.3	1.1	81.125	9.007	1.1	9.35	23.1	27.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	9	186.	943.	5650.	46.	3251002.75	1803.054	46.	92.5	923.	5650.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	8	565.	514.	879.	122.	54358.	233.148	**	**	**	**

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

Annual Analysis for 1996 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	1	633.	633.	633.	633.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	1	595.	595.	595.	595.	0.	0.	**	**	**	**

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

Annual Analysis for 1997 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	1	2320.	2320.	2320.	2320.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	1	643.	643.	643.	643.	0.	0.	**	**	**	**

** - Less 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 #1: 9/01 to 2/29 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	39	5.	7.941	23.5	0.	65.798	8.112	0.	0.5	16.9	19.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	40	321.	388.325	1060.	37.	63179.969	251.356	141.8	194.5	561.	686.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	39	719.	685.462	1040.	201.	42871.045	207.053	436.	532.	822.	978.

** - Less 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: 3/01 to 5/31 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	36	11.1	10.244	18.	0.	15.084	3.884	4.5	8.	13.2	14.15
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	63	5270.	6271.714	17600.	707.	23475976.562	4845.201	1133.2	1995.	9346.	15200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	25	386.	479.32	1070.	122.	98622.06	314.041	164.2	196.	735.	1023.8

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-03/20/97	43	19.5	19.521	27.3	11.5	12.451	3.529	15.08	17.4	22.5	23.62
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/75-03/20/97	55	4039.	5289.382	15800.	74.	29565069.722	5437.377	126.2	374.	9410.	15000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/75-03/20/97	33	398.	413.939	858.	135.	38521.934	196.27	162.4	220.5	589.	667.2

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

Station Inventory for Station: DINO0017

NPS Station ID: DINO0017 | LAT/LON: 40.452060/-108.526210 | Agency: 11NPSWRD | Date Created: 04/04/98
Location: YAMPA RIVER AT DEERLODGE PARK | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_RMO_11
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE INDIAN WATER CANYON; COLORADO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON THE YAMPA RIVER AT DEERLODGE PARK. THIS SITE IS LOCATED WITHIN THE DINOSAUR NATIONAL MONUMENT'S BOUNDARY. DATA FOR THIS SITE ORIGINATE FROM THE NATIONAL PARK SERVICE ROCKY MOUNTAIN REGIONAL OFFICE REPORT; "WATER QUALITY STUDIES AT CAPITOL REEF NATIONAL PARK AND DINOSAUR NATIONAL MONUMENT;" PREPARED BY ENVIROSPHERE COMPANY. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT DINOSAUR NATIONAL MONUMENT 4545 HIGHWAY 40; DINOSAUR; CO 81610-9724. TEL (970)374-3000. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS CO 80525. TEL (970)225-3516.

Parameter Inventory for Station: DINO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/31/80-07/31/80	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/80-07/31/80	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/80-07/31/80	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/80-07/31/80	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/80-07/31/80	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/80-07/31/80	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/31/80-07/31/80	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/31/80-07/31/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/80-07/31/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/31/80-07/31/80	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/80-07/31/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/31/80-07/31/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/31/80-07/31/80	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/31/80-07/31/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/80-07/31/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/80-07/31/80	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/31/80-07/31/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/80-07/31/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/31/80-07/31/80	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/31/80-07/31/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/31/80-07/31/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/80-07/31/80	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/31/80-07/31/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/31/80-07/31/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/80-07/31/80	1	220.	220.	220.	220.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/31/80-07/31/80	1	2.342	2.342	2.342	2.342	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			220.								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	07/31/80-07/31/80	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	07/31/80-07/31/80	1	3.301	3.301	3.301	3.301	0.	0.	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			2000.								
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/31/80-07/31/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/31/80-07/31/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
45130	ALKYL BENZENE SULFONATE (ABS) IN WATER MG/L	07/31/80-07/31/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/31/80-07/31/80	1	346.	346.	346.	346.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/31/80-07/31/80	1	311.	311.	311.	311.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/31/80-07/31/80	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: DINO0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	1	1.00							1	1	1.00			
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39762	SILVEX IN FILT. FRAC. OF 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: DINO0018

NPS Station ID: DINO0018
LAT/LON: 40.470003/-108.575559
Agency: 11NPSWRD
Date Created: 10/13/99
Location: ANDERSON SEEP
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_64
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5680
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE INDIAN WATER CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/98-07/01/98	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/01/98-07/01/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/98-07/01/98	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/98-07/01/98	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/01/98-07/01/98	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/01/98-07/01/98	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/98-07/01/98	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/98-07/01/98	1	287.	287.	287.	287.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/98-07/01/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/98-07/01/98	1	258.	258.	258.	258.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/98-07/01/98	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/98-07/01/98	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/98-07/01/98	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/98-07/01/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/01/98-07/01/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/01/98-07/01/98	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/98-07/01/98	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/01/98-07/01/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/98-07/01/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/98-07/01/98	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/01/98-07/01/98	1	420.	420.	420.	420.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/01/98-07/01/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/01/98-07/01/98	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/01/98-07/01/98	1	6700.	6700.	6700.	6700.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/01/98-07/01/98	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/98-07/01/98	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: DINO0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0019

NPS Station ID: DINO0019 | LAT/LON: 40.545809/-108.598116 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00232 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_94 /NURE_1155148
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050003 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050003 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE LIMESTONE HILL; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/78-08/10/78	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/78-08/10/78	1	443.	443.	443.	443.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/10/78-08/10/78	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/10/78-08/10/78	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/78-08/10/78	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/10/78-08/10/78	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: DINO0019

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0020

NPS Station ID: DINO0020
LAT/LON: 40.483337/-108.609726
Agency: 11NPSWRD
Date Created: 10/13/99
Location: CORRAL SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_72
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5650
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE INDIAN WATER CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/98-08/03/98	1	19.2	19.2	19.2	19.2	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/03/98-08/03/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/98-08/03/98	1	876.	876.	876.	876.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/98-08/03/98	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/03/98-08/03/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/98-08/03/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/98-08/03/98	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/98-08/03/98	1	201.	201.	201.	201.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/98-08/03/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/98-08/03/98	1	369.	369.	369.	369.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/98-08/03/98	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/98-08/03/98	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/98-08/03/98	1	32.8	32.8	32.8	32.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/98-08/03/98	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/98-08/03/98	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/98-08/03/98	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/03/98-08/03/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/03/98-08/03/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/03/98-08/03/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/98-08/03/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/98-08/03/98	1	450.	450.	450.	450.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/03/98-08/03/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/98-08/03/98	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/03/98-08/03/98	1	8100.	8100.	8100.	8100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/03/98-08/03/98	1	16.6	16.6	16.6	16.6	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/98-08/03/98	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0021

NPS Station ID: DINO0021 | LAT/LON: 40.483309/-108.610003 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00188 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_90 /NURE_1155141
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE INDIAN WATER CANYON; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/78-08/16/78	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/78-08/16/78	1	550.	550.	550.	550.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/78-08/16/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/78-08/16/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/78-08/16/78	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/16/78-08/16/78	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0021

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0022

NPS Station ID: DINO0022
LAT/LON: 40.454726/-108.614170
Agency: 11NPSWRD
Date Created: 10/13/99
Location: LOWER CORRAL SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_78
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5600
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE INDIAN WATER CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/98-07/01/98	1	27.3	27.3	27.3	27.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/98-07/01/98	1	510.	510.	510.	510.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/98-07/01/98	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/01/98-07/01/98	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/01/98-07/01/98	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/98-07/01/98	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/98-07/01/98	1	122.	122.	122.	122.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/98-07/01/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/98-07/01/98	1	248.	248.	248.	248.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/98-07/01/98	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/98-07/01/98	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/98-07/01/98	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/98-07/01/98	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/01/98-07/01/98	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/01/98-07/01/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/98-07/01/98	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/01/98-07/01/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/98-07/01/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/98-07/01/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/01/98-07/01/98	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/01/98-07/01/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/01/98-07/01/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/01/98-07/01/98	1	6200.	6200.	6200.	6200.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/01/98-07/01/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/98-07/01/98	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0023

NPS Station ID: DINO0023
LAT/LON: 40.436670/-108.629170
Agency: 11NPSWRD
Date Created: 10/13/99
Location: UPPER THANKSGIVING SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_40
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6400
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HAYSTACK ROCK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/97-07/30/97	1	24.7	24.7	24.7	24.7	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/30/97-07/30/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/30/97-07/30/97	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/97-07/30/97	1	995.	995.	995.	995.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/97-07/30/97	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/30/97-07/30/97	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/30/97-07/30/97	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/97-07/30/97	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/97-07/30/97	1	386.	386.	386.	386.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/30/97-07/30/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/97-07/30/97	1	451.	451.	451.	451.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/97-07/30/97	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/97-07/30/97	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/97-07/30/97	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/97-07/30/97	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/30/97-07/30/97	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/30/97-07/30/97	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/30/97-07/30/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/97-07/30/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	07/30/97-07/30/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/97-07/30/97	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/30/97-07/30/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/97-07/30/97	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/30/97-07/30/97	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/30/97-07/30/97	1	840.	840.	840.	840.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/30/97-07/30/97	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/97-07/30/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/97-07/30/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/30/97-07/30/97	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/30/97-07/30/97	1	18000.	18000.	18000.	18000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/30/97-07/30/97	1	27.	27.	27.	27.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/97-07/30/97	1	450.	450.	450.	450.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/30/97-07/30/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/30/97-07/30/97	1	300.	300.	300.	300.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0024

NPS Station ID: DINO0024 | LAT/LON: 40.467338/-108.637976 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 36.5 | | FIPS State/County: 08081 COLORADO/MOFFAT |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): DINO_USFW_09 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | | |
HUC: 14050002 | Depth of Water: 0 | Aquifer: |
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id: |
Minor Basin: GREEN RIVER | | ECO Region: |
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:

Description:
THE STATION WAS LOCATED ON THE HAYSTACK ROCK COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 36.5; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/81-04/16/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/81-04/16/81	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/81-04/16/81	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/81-04/16/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0024

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0025

NPS Station ID: DINO0025
LAT/LON: 40.471670/-108.643892
Agency: 11NPSWRD
Date Created: 10/13/99
Location: TEE-PEE SEEP
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_92
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5600
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HAYSTACK ROCK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/98-07/02/98	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/98-07/02/98	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/98-07/02/98	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/02/98-07/02/98	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/02/98-07/02/98	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/98-07/02/98	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	1	197.	197.	197.	197.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/98-07/02/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	1	293.	293.	293.	293.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/98-07/02/98	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/98-07/02/98	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/98-07/02/98	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/98-07/02/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/98-07/02/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/98-07/02/98	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/02/98-07/02/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/02/98-07/02/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/02/98-07/02/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/98-07/02/98	1	76.	76.	76.	76.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/02/98-07/02/98	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/02/98-07/02/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/02/98-07/02/98	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/02/98-07/02/98	1	6700.	6700.	6700.	6700.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/02/98-07/02/98	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/98-07/02/98	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0026

NPS Station ID: DINO0026 LAT/LON: 40.469726/-108.645838 Agency: 112WRD Date Created: 01/25/77
Location: YAMPA R AT RIVER MILE 36 IN DINOSAUR NAT MON, CO FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 402811108384500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14050002003 RF1 Mile Point: 22.730 Distance from RF1: 3.00 On/Off RF1: ON
RF3 Index: 14050003001800.17 RF3 Mile Point: 0.23 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/76-08/17/76	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/76-08/17/76	1	346.	346.	346.	346.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/76-08/17/76	1	450.	450.	450.	450.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/76-08/17/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/76-08/17/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/76-08/17/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/76-08/17/76	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/17/76-08/17/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/17/76-08/17/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/17/76-08/17/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/17/76-08/17/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/17/76-08/17/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/17/76-08/17/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/17/76-08/17/76	1	6500.	6500.	6500.	6500.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/17/76-08/17/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0026

Parameter				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0027

NPS Station ID: DINO0027 LAT/LON: 40.469253/-108.646170 Agency: 11NPSWRD Date Created: 05/30/98
Location: YAMPA RIVER; 37.6 RM ABOVE YAMPA'S MOUTH FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): DINO_USU_Y2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: 14050002 RF1 Mile Point: 0.000 Distance from RF1: 28.00 On/Off RF1:
RF3 Index: 14040109001603.27 RF3 Mile Point: 4.77 Distance from RF3: 0.05 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE HAYSTACK ROCK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON THE YAMPA RIVER 37.6 RIVER MILES ABOVE YAMPA'S MOUTH. THIS SITE IS LOCATED WITHIN THE DINOSAUR NATIONAL MONUMENT'S BOUNDARY. DATA FOR THIS SITE ORIGINATE FROM THE REPORT; "AN ECOLOGICAL CHARACTERIZATION OF THE YAMPA AND GREEN RIVER IN DINOSAUR NATIONAL MONUMENT" BY J.M. NEUHOLD AND T.C. ANNEAR; UTAH STATE UNIVERSITY; APRIL 1981. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT DINOSAUR NATIONAL MONUMENT 4545 HIGHWAY 40; DINOSAUR; CO 81610-9724. TEL (970)374-3000. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS CO 80525. TEL (970)225-3516.

Parameter Inventory for Station: DINO0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-07/15/79	6	16.4	13.85	20.8	2.2	58.779	7.667	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	05/15/79-07/15/79	3	205.	171.	283.	25.	17508.	132.318	**	**	**	**
85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-07/15/79	12	25.	33.042	99.	5.5	801.43	28.31	5.8	7.875	49.5	87.3

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

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

Station Inventory for Station: DINO0028

NPS Station ID: DINO0028 | LAT/LON: 40.466588/-108.669754 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 34.0 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_08
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE HAYSTACK ROCK COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 34.0; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/81-06/16/81	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/81-06/16/81	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/16/81-06/16/81	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/81-06/16/81	1	135.	135.	135.	135.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/16/81-06/16/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0029

NPS Station ID: DINO0029
LAT/LON: 40.472503/-108.683893
Agency: 11NPSWRD
Date Created: 10/13/99
Location: BROWNS SEEP
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_66
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5740
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HAYSTACK ROCK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/98-07/02/98	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/98-07/02/98	1	410.	410.	410.	410.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/98-07/02/98	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/02/98-07/02/98	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/02/98-07/02/98	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/98-07/02/98	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	1	197.	197.	197.	197.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/98-07/02/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/98-07/02/98	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/98-07/02/98	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/98-07/02/98	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/98-07/02/98	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/98-07/02/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/98-07/02/98	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/02/98-07/02/98	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/02/98-07/02/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/02/98-07/02/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/98-07/02/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/02/98-07/02/98	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/02/98-07/02/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/02/98-07/02/98	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/02/98-07/02/98	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/02/98-07/02/98	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/98-07/02/98	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: DINO0029

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0030

NPS Station ID: DINO0030
LAT/LON: 40.478059/-108.696393
Agency: 11NPSWRD
Date Created: 10/13/99
Location: LAKE SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_77
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6080
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HAYSTACK ROCK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/98-07/02/98	1	17.6	17.6	17.6	17.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/02/98-07/02/98	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/98-07/02/98	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/98-07/02/98	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/02/98-07/02/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/02/98-07/02/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/98-07/02/98	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/98-07/02/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/98-07/02/98	1	298.	298.	298.	298.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/98-07/02/98	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/98-07/02/98	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/98-07/02/98	1	18.2	18.2	18.2	18.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/98-07/02/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/98-07/02/98	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/98-07/02/98	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/02/98-07/02/98	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/02/98-07/02/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/02/98-07/02/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/98-07/02/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/02/98-07/02/98	1	390.	390.	390.	390.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/02/98-07/02/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/02/98-07/02/98	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/02/98-07/02/98	1	7800.	7800.	7800.	7800.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/02/98-07/02/98	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/98-07/02/98	1	10.4	10.4	10.4	10.4	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: DINO0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0031

NPS Station ID: DINO0031 | LAT/LON: 40.475281/-108.718477 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 31.1 | | FIPS State/County: 08081 COLORADO/MOFFAT |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): DINO_USFW_07 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 14050002 | Depth of Water: 0 | Aquifer: |
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id: |
Minor Basin: GREEN RIVER | | ECO Region: |
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:

Description:
THE STATION WAS LOCATED ON THE HAYSTACK ROCK COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 31.1; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/81-06/17/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/17/81-06/17/81	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/17/81-06/17/81	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/17/81-06/17/81	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/17/81-06/17/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0031

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00							1	1	1.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0032

NPS Station ID: DINO0032
LAT/LON: 40.440837/-108.748615
Agency: 11NPSWRD
Date Created: 10/13/99
Location: ELK SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_15
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7283
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HAYSTACK ROCK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0032

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/97-07/30/97	1		16.8	16.8	16.8	16.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/30/97-07/30/97	1		0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/30/97-07/30/97	1		208.	208.	208.	208.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/97-07/30/97	1		201.	201.	201.	201.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/97-07/30/97	1		3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/30/97-07/30/97	1		7.31	7.31	7.31	7.31	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/30/97-07/30/97	1		7.31	7.31	7.31	7.31	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/97-07/30/97	1		0.049	0.049	0.049	0.049	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/97-07/30/97	1		116.	116.	116.	116.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/30/97-07/30/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/97-07/30/97	1		99.	99.	99.	99.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/97-07/30/97	1		26.	26.	26.	26.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/97-07/30/97	1		6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/97-07/30/97	1		3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/97-07/30/97	1		4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/30/97-07/30/97	1		3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/30/97-07/30/97	1		10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/30/97-07/30/97	1		0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/97-07/30/97	1		0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	07/30/97-07/30/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/97-07/30/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/30/97-07/30/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/97-07/30/97	1	390.	390.	390.	390.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/30/97-07/30/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/30/97-07/30/97	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/30/97-07/30/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/97-07/30/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/97-07/30/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/30/97-07/30/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/30/97-07/30/97	1	5700.	5700.	5700.	5700.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/30/97-07/30/97	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/97-07/30/97	1	92.	92.	92.	92.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/30/97-07/30/97	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/30/97-07/30/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0033

NPS Station ID: DINO0033 LAT/LON: 40.485503/-108.757670 Agency: 11NPSWRD Date Created: 05/30/98
Location: YAMPA RIVER; 20.3 RM ABOVE YAMPA'S MOUTH FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): DINO_USU_Y3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: 14050002 RF1 Mile Point: 0.000 Distance from RF1: 28.00 On/Off RF1:
RF3 Index: 14040109001603.27 RF3 Mile Point: 4.77 Distance from RF3: 0.05 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE TANKS PEAK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON THE YAMPA RIVER 20.3 RIVER MILES ABOVE YAMPA'S MOUTH. THIS SITE IS LOCATED WITHIN THE DINOSAUR NATIONAL MONUMENT'S BOUNDARY. DATA FOR THIS SITE ORIGINATE FROM THE REPORT; "AN ECOLOGICAL CHARACTERIZATION OF THE YAMPA AND GREEN RIVER IN DINOSAUR NATIONAL MONUMENT" BY J.M. NEUHOLD AND T.C. ANNEAR; UTAH STATE UNIVERSITY; APRIL 1981. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT DINOSAUR NATIONAL MONUMENT 4545 HIGHWAY 40; DINOSAUR; CO 81610-9724. TEL (970)374-3000. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS CO 80525. TEL (970)225-3516.

Parameter Inventory for Station: DINO0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	8	12.75	13.375	23.3	3.3	51.396	7.169	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	5	182.	220.	625.	29.	59359.5	243.638	**	**	**	**
85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	15	14.	25.8	88.	4.5	702.564	26.506	4.8	6.5	46.	78.4

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

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

Station Inventory for Station: DINO0034

NPS Station ID: DINO0034 LAT/LON: 40.502503/-108.778338 Agency: 112WRD Date Created: 01/25/77
Location: YAMPA R AT RIVER MILE 26 IN DINOSAUR NAT MON, CO FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 403009108464200
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14050002003 RF1 Mile Point: 12.940 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 14050002000302.29 RF3 Mile Point: 3.11 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/76-08/18/76	1	333.	333.	333.	333.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/76-08/18/76	1	445.	445.	445.	445.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/76-08/18/76	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/76-08/18/76	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/76-08/18/76	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/18/76-08/18/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/18/76-08/18/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/18/76-08/18/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/18/76-08/18/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/18/76-08/18/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/18/76-08/18/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/18/76-08/18/76	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/18/76-08/18/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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			

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

Station Inventory for Station: DINO0035

NPS Station ID: DINO0035 | LAT/LON: 40.427198/-108.778893 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00252 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_76 /NURE_1155152
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE TANKS PEAK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/77-09/25/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/77-09/25/77	1	640.	640.	640.	640.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/25/77-09/25/77	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/25/77-09/25/77	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/77-09/25/77	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/25/77-09/25/77	1	0.33	0.33	0.33	0.33	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: DINO0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0036

NPS Station ID: DINO0036 | LAT/LON: 40.444448/-108.792504 | Agency: 11NPSWRD | Date Created: 10/13/99
Location: JOHNSON DRAW SPRING | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_CSU_14
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 6320 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0036

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/97-07/29/97	1		9.	9.	9.	9.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/29/97-07/29/97	1		16.	16.	16.	16.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/29/97-07/29/97	1		231.	231.	231.	231.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/97-07/29/97	1		462.	462.	462.	462.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/29/97-07/29/97	1		8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/29/97-07/29/97	1		7.44	7.44	7.44	7.44	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/29/97-07/29/97	1		7.44	7.44	7.44	7.44	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/97-07/29/97	1		0.036	0.036	0.036	0.036	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/97-07/29/97	1		257.	257.	257.	257.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/97-07/29/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/97-07/29/97	1		264.	264.	264.	264.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/29/97-07/29/97	1		53.	53.	53.	53.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/29/97-07/29/97	1		29.	29.	29.	29.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/29/97-07/29/97	1		4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/29/97-07/29/97	1		1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/29/97-07/29/97	1		4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/29/97-07/29/97	1		7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/29/97-07/29/97	1		0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/29/97-07/29/97	1		0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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Parameter Inventory for Station: DINO0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	07/29/97-07/29/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/29/97-07/29/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/29/97-07/29/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/29/97-07/29/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/29/97-07/29/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/29/97-07/29/97	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/29/97-07/29/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/97-07/29/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/29/97-07/29/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/29/97-07/29/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/29/97-07/29/97	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/29/97-07/29/97	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/29/97-07/29/97	1	216.	216.	216.	216.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/29/97-07/29/97	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/29/97-07/29/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0037

NPS Station ID: DINO0037 | LAT/LON: 40.443115/-108.793116 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00553 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_86 /NURE_1155188
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE TANKS PEAK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	1	4100.	4100.	4100.	4100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/77-09/22/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/77-09/22/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/77-09/22/77	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	1	20.62	20.62	20.62	20.62	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: DINO0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	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: DINO0038

NPS Station ID: DINO0038
LAT/LON: 40.443337/-108.794449
Agency: 11NPSWRD
Date Created: 10/13/99
Location: SMELLY SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_23
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6440
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/97-07/29/97	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/29/97-07/29/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/29/97-07/29/97	1	253.	253.	253.	253.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/97-07/29/97	1	580.	580.	580.	580.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/29/97-07/29/97	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/29/97-07/29/97	1	7.63	7.63	7.63	7.63	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/29/97-07/29/97	1	7.63	7.63	7.63	7.63	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/97-07/29/97	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/97-07/29/97	1	245.	245.	245.	245.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/97-07/29/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/97-07/29/97	1	308.	308.	308.	308.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/29/97-07/29/97	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/29/97-07/29/97	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/29/97-07/29/97	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/29/97-07/29/97	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/29/97-07/29/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/29/97-07/29/97	1	37.3	37.3	37.3	37.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/29/97-07/29/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/29/97-07/29/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	07/29/97-07/29/97	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/29/97-07/29/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/29/97-07/29/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/29/97-07/29/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/29/97-07/29/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/29/97-07/29/97	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/29/97-07/29/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/97-07/29/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/29/97-07/29/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/29/97-07/29/97	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/29/97-07/29/97	1	8500.	8500.	8500.	8500.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/29/97-07/29/97	1	22.	22.	22.	22.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/29/97-07/29/97	1	270.	270.	270.	270.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/29/97-07/29/97	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/29/97-07/29/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0039

NPS Station ID: DINO0039 | LAT/LON: 40.493087/-108.813003 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 24.0 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_05
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE TANKS PEAK COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 24.0; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/81-09/10/81	2	21.	21.	22.	20.	2.	1.414	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/30/81-09/10/81	2	29.	29.	30.	28.	2.	1.414	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/30/81-09/10/81	2	322.	322.	600.	44.	154568.	393.151	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/81-09/10/81	2	540.	540.	600.	480.	7200.	84.853	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/81-09/10/81	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	1	0.50	1	1	1.00				1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: DINO0040

NPS Station ID: DINO0040 | LAT/LON: 40.483865/-108.822893 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 22.0 | | FIPS State/County: 08081 COLORADO/MOFFAT |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): DINO_USFW_06 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 14050002 | Depth of Water: 0 | Aquifer: |
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id: |
Minor Basin: GREEN RIVER | | ECO Region: |
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:

Description:
THE STATION WAS LOCATED ON THE TANKS PEAK COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 22.0; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/81-05/15/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/15/81-05/15/81	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/81-05/15/81	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/81-05/15/81	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/81-05/15/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0040

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0041

NPS Station ID: DINO0041
LAT/LON: 40.472781/-108.823059
Agency: 11NPSWRD
Date Created: 10/13/99
Location: JOHNSON SEEP
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_76
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5420
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/98-07/03/98	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/03/98-07/03/98	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/98-07/03/98	1	580.	580.	580.	580.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/03/98-07/03/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/03/98-07/03/98	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/03/98-07/03/98	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/98-07/03/98	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	1	261.	261.	261.	261.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/03/98-07/03/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	1	202.	202.	202.	202.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/03/98-07/03/98	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/03/98-07/03/98	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/03/98-07/03/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/03/98-07/03/98	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/03/98-07/03/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/03/98-07/03/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/03/98-07/03/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/03/98-07/03/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/03/98-07/03/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/03/98-07/03/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/03/98-07/03/98	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/98-07/03/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/03/98-07/03/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/03/98-07/03/98	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/03/98-07/03/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/03/98-07/03/98	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: DINO0041

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0042

NPS Station ID: DINO0042 | LAT/LON: 40.595310/-108.823115 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00245 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_88 /NURE_1155151
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ZENOBIA PEAK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/77-09/21/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/77-09/21/77	1	7500.	7500.	7500.	7500.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/77-09/21/77	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/77-09/21/77	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/77-09/21/77	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/77-09/21/77	1	4.37	4.37	4.37	4.37	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0042

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
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: DINO0043

NPS Station ID: DINO0043 | LAT/LON: 40.769392/-108.823309 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00453 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_73 /NURE_1155174
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14040109 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14040109 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BIG JOE BASIN; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/78-08/08/78	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/78-08/08/78	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/78-08/08/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/78-08/08/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/78-08/08/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/08/78-08/08/78	1	1.14	1.14	1.14	1.14	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0043

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0044

NPS Station ID: DINO0044
LAT/LON: 40.450559/-108.831116
Agency: 11NPSWRD
Date Created: 10/13/99
Location: THE SEEPS
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6120
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/97-08/14/97	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/14/97-08/14/97	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/97-08/14/97	1	560.	560.	560.	560.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/97-08/14/97	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/14/97-08/14/97	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/14/97-08/14/97	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/97-08/14/97	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/97-08/14/97	1	275.	275.	275.	275.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/97-08/14/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/97-08/14/97	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/97-08/14/97	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/97-08/14/97	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/97-08/14/97	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/97-08/14/97	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/97-08/14/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/97-08/14/97	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/97-08/14/97	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/97-08/14/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/14/97-08/14/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/97-08/14/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/14/97-08/14/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/97-08/14/97	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/14/97-08/14/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/97-08/14/97	1	490.	490.	490.	490.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/14/97-08/14/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/97-08/14/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/14/97-08/14/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/97-08/14/97	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/14/97-08/14/97	1	6200.	6200.	6200.	6200.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/14/97-08/14/97	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	1	240.	240.	240.	240.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/97-08/14/97	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/14/97-08/14/97	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0045

NPS Station ID: DINO0045
LAT/LON: 40.448337/-108.832226
Agency: 11NPSWRD
Date Created: 10/13/99
Location: EAST SERVICEBERRY DRAW SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_02
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6180
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/97-08/08/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/08/97-08/08/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/08/97-08/08/97	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/08/97-08/08/97	1	920.	920.	920.	920.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/97-08/08/97	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/08/97-08/08/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/08/97-08/08/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/97-08/08/97	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/08/97-08/08/97	1	245.	245.	245.	245.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/08/97-08/08/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/08/97-08/08/97	1	422.	422.	422.	422.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/08/97-08/08/97	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/08/97-08/08/97	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/08/97-08/08/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/08/97-08/08/97	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/08/97-08/08/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/08/97-08/08/97	1	232.1	232.1	232.1	232.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/08/97-08/08/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/08/97-08/08/97	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/08/97-08/08/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/08/97-08/08/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/08/97-08/08/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/08/97-08/08/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/08/97-08/08/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/08/97-08/08/97	1	840.	840.	840.	840.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/08/97-08/08/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/08/97-08/08/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/08/97-08/08/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/08/97-08/08/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/08/97-08/08/97	1	8600.	8600.	8600.	8600.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/08/97-08/08/97	1	61.	61.	61.	61.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/08/97-08/08/97	1	377.	377.	377.	377.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/08/97-08/08/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/08/97-08/08/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0046

NPS Station ID: DINO0046 | LAT/LON: 40.656698/-108.834699 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00374 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_68 /NURE_1155168
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14040106 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14040106 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE JACK SPRINGS; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0046

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0047

NPS Station ID: DINO0047
LAT/LON: 40.463059/-108.837226
Agency: 11NPSWRD
Date Created: 10/13/99
Location: BULL SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_67
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5360
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/98-07/03/98	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/03/98-07/03/98	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/98-07/03/98	1	978.	978.	978.	978.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/03/98-07/03/98	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/03/98-07/03/98	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/03/98-07/03/98	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/98-07/03/98	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	1	248.	248.	248.	248.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/03/98-07/03/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	1	533.	533.	533.	533.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/03/98-07/03/98	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/03/98-07/03/98	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/03/98-07/03/98	1	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/03/98-07/03/98	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/03/98-07/03/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/03/98-07/03/98	1	166.	166.	166.	166.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/03/98-07/03/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/03/98-07/03/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/03/98-07/03/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/03/98-07/03/98	1	75.	75.	75.	75.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/03/98-07/03/98	1	340.	340.	340.	340.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/98-07/03/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/03/98-07/03/98	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/03/98-07/03/98	1	7900.	7900.	7900.	7900.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/03/98-07/03/98	1	52.3	52.3	52.3	52.3	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/03/98-07/03/98	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: DINO0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0048

NPS Station ID: DINO0048 | LAT/LON: 40.603892/-108.839698 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00244 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_67 /NURE_1155150
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14040106 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14040106 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ZENOBIA PEAK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/78-08/13/78	1	14.3	14.3	14.3	14.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/78-08/13/78	1	415.	415.	415.	415.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/78-08/13/78	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/13/78-08/13/78	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/78-08/13/78	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/13/78-08/13/78	1	1.07	1.07	1.07	1.07	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0049

NPS Station ID: DINO0049 | LAT/LON: 40.436115/-108.840810 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00557 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_87 /NURE_1155189
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE TANKS PEAK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	1	750.	750.	750.	750.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/77-09/19/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/77-09/19/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/77-09/19/77	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	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: DINO0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0050

NPS Station ID: DINO0050
LAT/LON: 40.436392/-108.840838
Agency: 11NPSWRD
Date Created: 10/13/99
Location: SERVICEBERRY SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7640
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0050

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/97-08/13/97	1		9.	9.	9.	9.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/13/97-08/13/97	1		2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/13/97-08/13/97	1		305.	305.	305.	305.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/97-08/13/97	1		320.	320.	320.	320.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/13/97-08/13/97	1		6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/13/97-08/13/97	1		8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/13/97-08/13/97	1		8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/97-08/13/97	1		0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/97-08/13/97	1		207.	207.	207.	207.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/97-08/13/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/97-08/13/97	1		185.	185.	185.	185.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/97-08/13/97	1		52.	52.	52.	52.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/97-08/13/97	1		12.	12.	12.	12.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/97-08/13/97	1		2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/97-08/13/97	1		0.71	0.71	0.71	0.71	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/97-08/13/97	1		2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/97-08/13/97	1		6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/97-08/13/97	1		0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/13/97-08/13/97	1		0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/13/97-08/13/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/13/97-08/13/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/13/97-08/13/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/97-08/13/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/13/97-08/13/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/97-08/13/97	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/13/97-08/13/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/13/97-08/13/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/97-08/13/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/13/97-08/13/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/13/97-08/13/97	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/13/97-08/13/97	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/97-08/13/97	1	149.	149.	149.	149.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/97-08/13/97	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/13/97-08/13/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0051

NPS Station ID: DINO0051
LAT/LON: 40.461670/-108.841115
Agency: 11NPSWRD
Date Created: 10/13/99
Location: LOWER SERVICEBERRY SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_79
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5420
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/98-07/03/98	1	17.6	17.6	17.6	17.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/03/98-07/03/98	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/98-07/03/98	1	1543.	1543.	1543.	1543.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/03/98-07/03/98	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/03/98-07/03/98	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/03/98-07/03/98	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/98-07/03/98	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/03/98-07/03/98	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/03/98-07/03/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/03/98-07/03/98	1	165.	165.	165.	165.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/03/98-07/03/98	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/03/98-07/03/98	1	18.7	18.7	18.7	18.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/03/98-07/03/98	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/03/98-07/03/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/03/98-07/03/98	1	490.	490.	490.	490.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/03/98-07/03/98	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/03/98-07/03/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/03/98-07/03/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/03/98-07/03/98	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: DINO0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/03/98-07/03/98	1	910.	910.	910.	910.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/98-07/03/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/03/98-07/03/98	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/03/98-07/03/98	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/03/98-07/03/98	1	141.9	141.9	141.9	141.9	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/03/98-07/03/98	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: DINO0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0052

NPS Station ID: DINO0052
LAT/LON: 40.448337/-108.841393
Agency: 11NPSWRD
Date Created: 10/13/99
Location: WEST SERVICEBERRY SEEP
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_03
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6520
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/97-08/09/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/09/97-08/09/97	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/97-08/09/97	1	710.	710.	710.	710.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/09/97-08/09/97	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/09/97-08/09/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/09/97-08/09/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/97-08/09/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/97-08/09/97	1	456.	456.	456.	456.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/09/97-08/09/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/97-08/09/97	1	442.	442.	442.	442.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/97-08/09/97	1	117.	117.	117.	117.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/97-08/09/97	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/97-08/09/97	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/97-08/09/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/97-08/09/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/97-08/09/97	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/97-08/09/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/97-08/09/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/09/97-08/09/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/97-08/09/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/09/97-08/09/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/97-08/09/97	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/97-08/09/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/09/97-08/09/97	1	480.	480.	480.	480.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/09/97-08/09/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/97-08/09/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/09/97-08/09/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/09/97-08/09/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/09/97-08/09/97	1	9300.	9300.	9300.	9300.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/09/97-08/09/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/97-08/09/97	1	297.	297.	297.	297.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/97-08/09/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/09/97-08/09/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0053

NPS Station ID: DINO0053
LAT/LON: 40.446115/-108.841948
Agency: 11NPSWRD
Date Created: 10/13/99
Location: WEST SERVICEBERRY SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_07
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6380
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/97-08/09/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/09/97-08/09/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/09/97-08/09/97	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/97-08/09/97	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/09/97-08/09/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/09/97-08/09/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/97-08/09/97	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/97-08/09/97	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/09/97-08/09/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/97-08/09/97	1	302.	302.	302.	302.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/97-08/09/97	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/97-08/09/97	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/97-08/09/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/97-08/09/97	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/97-08/09/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/97-08/09/97	1	43.4	43.4	43.4	43.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/97-08/09/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/97-08/09/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/09/97-08/09/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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Parameter Inventory for Station: DINO0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/97-08/09/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/09/97-08/09/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/97-08/09/97	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/97-08/09/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/09/97-08/09/97	1	370.	370.	370.	370.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/09/97-08/09/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/97-08/09/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/09/97-08/09/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/09/97-08/09/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/09/97-08/09/97	1	6500.	6500.	6500.	6500.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/09/97-08/09/97	1	23.	23.	23.	23.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/97-08/09/97	1	187.	187.	187.	187.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/97-08/09/97	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/09/97-08/09/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0054

NPS Station ID: DINO0054
LAT/LON: 40.490559/-108.848060
Agency: 11NPSWRD
Date Created: 10/13/99
Location: CLEOPATRAS SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_71
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5800
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/98-07/04/98	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/04/98-07/04/98	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/04/98-07/04/98	1	433.	433.	433.	433.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/04/98-07/04/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/04/98-07/04/98	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/04/98-07/04/98	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/98-07/04/98	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/98-07/04/98	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/04/98-07/04/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/98-07/04/98	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/98-07/04/98	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/98-07/04/98	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/98-07/04/98	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/04/98-07/04/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/04/98-07/04/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/98-07/04/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/04/98-07/04/98	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/98-07/04/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/98-07/04/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/98-07/04/98	1 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/98-07/04/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/98-07/04/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/98-07/04/98	1	3500.	3500.	3500.	3500.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/04/98-07/04/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/04/98-07/04/98	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 time series plot

EPA Water Quality Criteria Analysis for Station: DINO0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0055

NPS Station ID: DINO0055 | LAT/LON: 40.465115/-108.859726 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 19.0 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_04
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE TANKS PEAK COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 19.0; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/81-04/17/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/81-04/17/81	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/81-04/17/81	1	520.	520.	520.	520.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/81-04/17/81	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/81-04/17/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0056

NPS Station ID: DINO0056
LAT/LON: 40.490281/-108.859726
Agency: 11NPSWRD
Date Created: 10/13/99
Location: PATRIOT FALLS
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_CSU_84
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5280
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/98-07/04/98	1	20.2	20.2	20.2	20.2	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/04/98-07/04/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/04/98-07/04/98	1	409.	409.	409.	409.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/04/98-07/04/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/04/98-07/04/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/04/98-07/04/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/98-07/04/98	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/98-07/04/98	1	131.	131.	131.	131.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/04/98-07/04/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/98-07/04/98	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/98-07/04/98	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/98-07/04/98	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/98-07/04/98	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/04/98-07/04/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/04/98-07/04/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/98-07/04/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/04/98-07/04/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/98-07/04/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/98-07/04/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/98-07/04/98	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/98-07/04/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/98-07/04/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/98-07/04/98	1	3400.	3400.	3400.	3400.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/04/98-07/04/98	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/04/98-07/04/98	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: DINO0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0057

NPS Station ID: DINO0057
LAT/LON: 40.436670/-108.862227
Agency: 11NPSWRD
Date Created: 10/13/99
Location: MARTHAS SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_39
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7780
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TANKS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0057

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/97-08/13/97	1		14.	14.	14.	14.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/13/97-08/13/97	1		0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/13/97-08/13/97	1		330.	330.	330.	330.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/97-08/13/97	1		390.	390.	390.	390.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/13/97-08/13/97	1		4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/13/97-08/13/97	1		7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/13/97-08/13/97	1		7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/97-08/13/97	1		0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/97-08/13/97	1		240.	240.	240.	240.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/97-08/13/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/97-08/13/97	1		210.	210.	210.	210.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/97-08/13/97	1		58.	58.	58.	58.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/97-08/13/97	1		15.	15.	15.	15.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/97-08/13/97	1		4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/97-08/13/97	1		1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/97-08/13/97	1		3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/97-08/13/97	1		10.	10.	10.	10.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/97-08/13/97	1		0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/13/97-08/13/97	1		0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/13/97-08/13/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/13/97-08/13/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/13/97-08/13/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/97-08/13/97	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/13/97-08/13/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/97-08/13/97	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/13/97-08/13/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/13/97-08/13/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/97-08/13/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/13/97-08/13/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/13/97-08/13/97	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/13/97-08/13/97	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/97-08/13/97	1	176.	176.	176.	176.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/97-08/13/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/13/97-08/13/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0058

NPS Station ID: DINO0058
LAT/LON: 40.603059/-108.862781
Agency: 11NPSWRD
Date Created: 10/13/99
Location: UPPER LIL' JOE SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_57
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 8240
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ZENOBIA PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/97-08/21/97	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/21/97-08/21/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/21/97-08/21/97	1	345.	345.	345.	345.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/21/97-08/21/97	1	116.	116.	116.	116.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/21/97-08/21/97	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/21/97-08/21/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/21/97-08/21/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/97-08/21/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/97-08/21/97	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/97-08/21/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/97-08/21/97	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/97-08/21/97	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/97-08/21/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/97-08/21/97	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/97-08/21/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/21/97-08/21/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/21/97-08/21/97	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/97-08/21/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/21/97-08/21/97	1	0.04	0.04	0.04	0.04	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

Parameter Inventory for Station: DINO0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/21/97-08/21/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/21/97-08/21/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/21/97-08/21/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/21/97-08/21/97	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/21/97-08/21/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/21/97-08/21/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/21/97-08/21/97	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/21/97-08/21/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/21/97-08/21/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/21/97-08/21/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/21/97-08/21/97	1	5400.	5400.	5400.	5400.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/21/97-08/21/97	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/97-08/21/97	1	72.	72.	72.	72.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/21/97-08/21/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/21/97-08/21/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0059

NPS Station ID: DINO0059 | LAT/LON: 40.328309/-108.864198 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00326 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_80 /NURE_1155157
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE LAZY Y POINT; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/77-09/19/77	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/77-09/19/77	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/77-09/19/77	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	1	0.47	0.47	0.47	0.47	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: DINO0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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: DINO0060

NPS Station ID: DINO0060 | LAT/LON: 40.357504/-108.864392 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00327 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_81 /NURE_1155158
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE LAZY Y POINT; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/77-09/25/77	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/77-09/25/77	1	700.	700.	700.	700.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/25/77-09/25/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/25/77-09/25/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/77-09/25/77	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/25/77-09/25/77	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: DINO0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0061

NPS Station ID: DINO0061 LAT/LON: 40.486115/-108.864726 Agency: 112WRD Date Created: 01/25/77
Location: YAMPA R AT RIVER MILE 15 IN DINOSAUR NAT MON, CO FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 402910108515300
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14050002003 RF1 Mile Point: 2.830 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 14050002000323.37 RF3 Mile Point: 23.36 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/76-08/19/76	1	355.	355.	355.	355.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/76-08/19/76	1	475.	475.	475.	475.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/76-08/19/76	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/76-08/19/76	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/76-08/19/76	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/19/76-08/19/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/19/76-08/19/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/19/76-08/19/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/19/76-08/19/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/19/76-08/19/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/19/76-08/19/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/19/76-08/19/76	1	5500.	5500.	5500.	5500.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/19/76-08/19/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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			

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

Station Inventory for Station: DINO0062

NPS Station ID: DINO0062
LAT/LON: 40.495698/-108.871893
Agency: 11NPSWRD
Date Created: 11/21/98
Location: YAMPA RIVER MILE 13.6
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_03
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE TANKS PEAK COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 13.6; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/16/81-05/16/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/16/81-05/16/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/81-05/16/81	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/16/81-05/16/81	1	255.	255.	255.	255.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/16/81-05/16/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0063

NPS Station ID: DINO0063
LAT/LON: 40.634448/-108.872226
Agency: 11NPSWRD
Date Created: 10/13/99
Location: BASSETT 2 SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_55
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7240
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JACK SPRINGS CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/97-08/20/97	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/97-08/20/97	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1	243.	243.	243.	243.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	1	36.1	36.1	36.1	36.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	1	9800.	9800.	9800.	9800.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	1	202.	202.	202.	202.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0064

NPS Station ID: DINO0064 | LAT/LON: 40.359392/-108.879393 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00543 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_77 /NURE_1155186
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE PLUG HAT ROCK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	6.67	6.67	6.67	6.67	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0065

NPS Station ID: DINO0065
LAT/LON: 40.733726/-108.882642
Agency: 11NPSWRD
Date Created: 05/30/98
Location: GREEN RIVER; 72.8 KM BELOW DAM
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USU_G2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CANYON OF LODORE NORTH; CO-MOFFAT CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON THE GREEN RIVER 72.8 KILOMETERS BELOW THE FLAMING GORGE DAM AND NEAR THE LODORE RANGER STATION IN BROWN'S PARK. THIS SITE IS WITHIN THE DINOSAUR NATIONAL MONUMENT'S BOUNDARY. DATA FOR THIS SITE ORIGINATE FROM THE REPORT; "AN ECOLOGICAL CHARACTERIZATION OF THE YAMPA AND GREEN RIVER IN DINOSAUR NATIONAL MONUMENT" BY J.M. NEUHOLD AND T.C. ANNEAR; UTAH STATE UNIVERSITY; APRIL 1981. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT DINOSAUR NATIONAL MONUMENT 4545 HIGHWAY 40; DINOSAUR; CO 81610-9724. TEL (970)374-3000. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS CO 80525. TEL (970)225-3516.

Parameter Inventory for Station: DINO0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	8	13.3	11.188	16.1	5.6	19.907	4.462	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	5	50.	70.4	135.	25.	2630.8	51.291	**	**	**	**
85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	15	7.5	15.333	52.	1.	256.131	16.004	1.6	6.	16.	49.

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

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

Station Inventory for Station: DINO0066

NPS Station ID: DINO0066
LAT/LON: 40.449170/-108.883337
Agency: 11NPSWRD
Date Created: 10/13/99
Location: RAT SPRING 1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_41
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6020
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/97-05/22/98	2	12.35	12.35	14.	10.7	5.445	2.333	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/14/97-05/22/98	2	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/14/97-08/14/97	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/97-05/22/98	2	412.	412.	470.	354.	6728.	82.024	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/97-05/22/98	2	6.4	6.4	7.3	5.5	1.62	1.273	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/14/97-05/22/98	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/14/97-05/22/98	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/97-05/22/98	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	2	217.5	217.5	236.	199.	684.5	26.163	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/97-05/22/98	2 ##	0.025	0.025	0.033	0.017	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	2	253.	253.	277.	229.	1152.	33.941	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/97-05/22/98	2	51.	51.	54.	48.	18.	4.243	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/97-05/22/98	2	24.5	24.5	26.	23.	4.5	2.121	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/97-05/22/98	2	7.05	7.05	7.5	6.6	0.405	0.636	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/97-05/22/98	2	1.65	1.65	1.9	1.4	0.125	0.354	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/97-05/22/98	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/97-05/22/98	2	15.55	15.55	27.1	4.	266.805	16.334	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/97-08/14/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/97-05/22/98	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/14/97-05/22/98	2	0.05	0.05	0.06	0.04	0.	0.014	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/97-08/14/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/14/97-05/22/98	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/97-05/22/98	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/14/97-08/14/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/97-05/22/98	2	335.	335.	360.	310.	1250.	35.355	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/14/97-08/14/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/97-05/22/98	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/14/97-08/14/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/97-05/22/98	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/14/97-05/22/98	2	9300.	9300.	10000.	8600.	980000.	989.949	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/14/97-05/22/98	2	7.4	7.4	8.6	6.2	2.88	1.697	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	1	206.	206.	206.	206.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/97-05/22/98	2	2.3	2.3	3.7	0.9	3.92	1.98	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/14/97-08/14/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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			
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			
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: DINO0067

NPS Station ID: DINO0067
LAT/LON: 40.448337/-108.883893
Agency: 11NPSWRD
Date Created: 10/13/99
Location: RAT SPRING 2
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_42
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5880
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/97-05/22/98	2	12.	12.	15.	9.	18.	4.243	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/14/97-05/22/98	2	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/14/97-08/14/97	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/97-05/22/98	2	425.	425.	460.	390.	2450.	49.497	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/97-05/22/98	2	7.5	7.5	8.5	6.5	2.	1.414	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/14/97-05/22/98	2	8.2	8.2	8.3	8.1	0.02	0.141	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/14/97-05/22/98	2	8.189	8.189	8.3	8.1	0.02	0.142	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/97-05/22/98	2	0.006	0.006	0.008	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	2	233.5	233.5	245.	222.	264.5	16.263	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/97-05/22/98	2 ##	0.025	0.025	0.033	0.017	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	2	221.	221.	222.	220.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/97-05/22/98	2	50.	50.	52.	48.	8.	2.828	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/97-05/22/98	2	24.	24.	25.	23.	2.	1.414	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/97-05/22/98	2	6.4	6.4	6.6	6.2	0.08	0.283	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/97-05/22/98	2	1.55	1.55	1.7	1.4	0.045	0.212	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/97-05/22/98	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/97-05/22/98	2	28.1	28.1	33.2	23.	52.02	7.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/97-08/14/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/97-05/22/98	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/14/97-05/22/98	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/97-08/14/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/14/97-05/22/98	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/97-05/22/98	2	1.9	1.9	2.8	1.	1.62	1.273	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/14/97-08/14/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/97-05/22/98	2	400.	400.	420.	380.	800.	28.284	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/14/97-08/14/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/97-05/22/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/14/97-08/14/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/97-05/22/98	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/14/97-05/22/98	2	9500.	9500.	10000.	9000.	500000.	707.107	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/14/97-05/22/98	2	8.85	8.85	10.	7.7	2.645	1.626	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	1	202.	202.	202.	202.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/97-05/22/98	2	2.7	2.7	4.6	0.8	7.22	2.687	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/14/97-08/14/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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			
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			
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: DINO0068

NPS Station ID: DINO0068 | LAT/LON: 40.725059/-108.886949 | Agency: 11NPSWRD | Date Created: 04/04/98
Location: GREEN RIVER AT GATES OF LODORE | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_RMO_15
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14040106 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CANYON OF LODORE; COLORADO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON THE GREEN RIVER AT GATES OF LODORE; COLORADO. THIS SITE IS NOT LOCATED WITHIN THE DINOSAUR NATIONAL MONUMENT'S BOUNDARY. DATA FOR THIS SITE ORIGINATE FROM THE NATIONAL PARK SERVICE ROCKY MOUNTAIN REGIONAL OFFICE REPORT; "WATER QUALITY STUDIES AT CAPITOL REEF NATIONAL PARK AND DINOSAUR NATIONAL MONUMENT;" PREPARED BY ENVIROSPHERE COMPANY. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT DINOSAUR NATIONAL MONUMENT 4545 HIGHWAY 40; DINOSAUR; CO 81610-9724. TEL (970)374-3000. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS CO 80525. TEL (970)225-3516.

Parameter Inventory for Station: DINO0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/31/80-07/31/80	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/80-07/31/80	1	580.	580.	580.	580.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/80-07/31/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/80-07/31/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/80-07/31/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/80-07/31/80	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/31/80-07/31/80	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/31/80-07/31/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/80-07/31/80	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/31/80-07/31/80	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/31/80-07/31/80	1	256.	256.	256.	256.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/80-07/31/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/31/80-07/31/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/31/80-07/31/80	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/31/80-07/31/80	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/80-07/31/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/80-07/31/80	1	191.	191.	191.	191.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/31/80-07/31/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/31/80-07/31/80	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/31/80-07/31/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/31/80-07/31/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/80-07/31/80	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/31/80-07/31/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/31/80-07/31/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/80-07/31/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/31/80-07/31/80	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			50.								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	07/31/80-07/31/80	1	700.	700.	700.	700.	0.	0.	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	07/31/80-07/31/80	1	2.845	2.845	2.845	2.845	0.	0.	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			700.								
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/31/80-07/31/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/31/80-07/31/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
45130	ALKYL BENZENE SULFONATE (ABS) IN WATER MG/L	07/31/80-07/31/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/31/80-07/31/80	1	473.	473.	473.	473.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/31/80-07/31/80	1	428.	428.	428.	428.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/31/80-07/31/80	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: DINO0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00951	FLUORIDE, TOTAL 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			
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			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39762	SILVEX IN FILT. FRAC. OF 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: DINO0069

NPS Station ID: DINO0069
LAT/LON: 40.448337/-108.887226
Agency: 11NPSWRD
Date Created: 10/13/99
Location: GREEN PATCH SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_22
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5700
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/97-05/22/98	2	16.95	16.95	20.	13.9	18.605	4.313	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/14/97-05/22/98	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/14/97-08/14/97	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/97-05/22/98	2	513.5	513.5	560.	467.	4324.5	65.761	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/97-05/22/98	2	6.05	6.05	6.9	5.2	1.445	1.202	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/14/97-05/22/98	2	8.25	8.25	8.3	8.2	0.005	0.071	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/14/97-05/22/98	2	8.247	8.247	8.3	8.2	0.005	0.071	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/97-05/22/98	2	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	2	225.	225.	235.	215.	200.	14.142	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/97-05/22/98	2 ##	0.025	0.025	0.033	0.017	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/97-05/22/98	2	286.	286.	308.	264.	968.	31.113	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/97-05/22/98	2	54.	54.	57.	51.	18.	4.243	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/97-05/22/98	2	27.5	27.5	29.	26.	4.5	2.121	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/97-05/22/98	2	18.75	18.75	20.	17.5	3.125	1.768	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/97-05/22/98	2	2.	2.	2.2	1.8	0.08	0.283	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/97-05/22/98	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/97-05/22/98	2	54.3	54.3	69.	39.6	432.18	20.789	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/97-08/14/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/97-05/22/98	2	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/14/97-05/22/98	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/97-08/14/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/14/97-05/22/98	2 ##	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/97-05/22/98	2	1.55	1.55	2.1	1.	0.605	0.778	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/14/97-08/14/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/97-05/22/98	2	560.	560.	600.	520.	3200.	56.569	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/14/97-08/14/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/97-05/22/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/14/97-08/14/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/97-05/22/98	2	35.5	35.5	37.	34.	4.5	2.121	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/14/97-05/22/98	2	9900.	9900.	11000.	8800.	2420000.	1555.635	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/14/97-05/22/98	2	17.95	17.95	20.	15.9	8.405	2.899	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	1	240.	240.	240.	240.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/97-05/22/98	2	1.	1.	1.4	0.6	0.32	0.566	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/14/97-08/14/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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			
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			
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: DINO0070

NPS Station ID: DINO0070 | LAT/LON: 40.306698/-108.887505 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00546 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_05 /NURE_1155187
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050007 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050007 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE PLUG HAT ROCK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	11.62	11.62	11.62	11.62	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: DINO0070

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0071

NPS Station ID: DINO0071
LAT/LON: 40.472226/-108.891670
Agency: 11NPSWRD
Date Created: 10/13/99
Location: MANTLE SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_06
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5170
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/97-08/07/97	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/07/97-08/07/97	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/97-08/07/97	1	830.	830.	830.	830.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/97-08/07/97	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/07/97-08/07/97	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/07/97-08/07/97	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/97-08/07/97	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/97-08/07/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	1	505.	505.	505.	505.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/97-08/07/97	1	126.	126.	126.	126.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/97-08/07/97	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/97-08/07/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/97-08/07/97	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/97-08/07/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/97-08/07/97	1	206.4	206.4	206.4	206.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/97-08/07/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/07/97-08/07/97	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/07/97-08/07/97	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

Parameter Inventory for Station: DINO0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/07/97-08/07/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/07/97-08/07/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/97-08/07/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/07/97-08/07/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/07/97-08/07/97	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/07/97-08/07/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/07/97-08/07/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/07/97-08/07/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/07/97-08/07/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/07/97-08/07/97	1	7400.	7400.	7400.	7400.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/07/97-08/07/97	1	64.	64.	64.	64.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/97-08/07/97	1	343.	343.	343.	343.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/07/97-08/07/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/07/97-08/07/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0072

NPS Station ID: DINO0072
LAT/LON: 40.601949/-108.892226
Agency: 11NPSWRD
Date Created: 10/13/99
Location: BUFFAM SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_60
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7320
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0072

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	1		16.	16.	16.	16.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	1		0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	1		375.	375.	375.	375.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	1		230.	230.	230.	230.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	1		4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	1		6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/97-08/20/97	1		6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/97-08/20/97	1		0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1		73.	73.	73.	73.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1		131.	131.	131.	131.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	1		29.	29.	29.	29.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	1		9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	1		5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	1		0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	1		6.	6.	6.	6.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	1		19.3	19.3	19.3	19.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	1		0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	1		0.04	0.04	0.04	0.04	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

Parameter Inventory for Station: DINO0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	1	6300.	6300.	6300.	6300.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	1	115.	115.	115.	115.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0073

NPS Station ID: DINO0073
LAT/LON: 40.627781/-108.893059
Agency: 11NPSWRD
Date Created: 10/13/99
Location: BASSETT 1 SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_53
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7180
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE NORTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	1	235.	235.	235.	235.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	1	510.	510.	510.	510.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/97-08/20/97	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/97-08/20/97	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1	286.	286.	286.	286.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	1	221.	221.	221.	221.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0074

NPS Station ID: DINO0074 | LAT/LON: 40.243115/-108.900615 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00222 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_03 /NURE_1155146
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050007 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050007 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE MELLEN HILL; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/78-08/04/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/78-08/04/78	1	31000.	31000.	31000.	31000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/78-08/04/78	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/78-08/04/78	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/78-08/04/78	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/04/78-08/04/78	1	108.04	108.04	108.04	108.04	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: DINO0074

Parameter				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
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: DINO0075

NPS Station ID: DINO0075
LAT/LON: 40.616392/-108.900838
Agency: 11NPSWRD
Date Created: 10/13/99
Location: ZENOBIA CREEK SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_09
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6980
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0075

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	1		25.	25.	25.	25.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	1		16.	16.	16.	16.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	1		320.	320.	320.	320.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	1		560.	560.	560.	560.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	1		3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	1		8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/97-08/20/97	1		8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/97-08/20/97	1		0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1		207.	207.	207.	207.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1		271.	271.	271.	271.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	1		74.	74.	74.	74.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	1		24.	24.	24.	24.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	1		10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	1		4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	1		16.	16.	16.	16.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	1		19.4	19.4	19.4	19.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	1		0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	1		0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	1	310.	310.	310.	310.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	1	8300.	8300.	8300.	8300.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	1	240.	240.	240.	240.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------6/01-8/31---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0076

NPS Station ID: DINO0076
LAT/LON: 40.685281/-108.905281
Agency: 11NPSWRD
Date Created: 10/13/99
Location: WINNIES GROTTO
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_58
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5600
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE NORTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0076

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/97-08/03/97	1		17.8	17.8	17.8	17.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/03/97-08/03/97	1		0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/03/97-08/03/97	1		280.	280.	280.	280.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/97-08/03/97	1		279.	279.	279.	279.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/97-08/03/97	1		6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/03/97-08/03/97	1		8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/97-08/03/97	1		8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/97-08/03/97	1		0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/97-08/03/97	1		89.	89.	89.	89.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/97-08/03/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/97-08/03/97	1		102.	102.	102.	102.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/97-08/03/97	1		38.	38.	38.	38.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/97-08/03/97	1		9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/97-08/03/97	1		6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/97-08/03/97	1		1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/97-08/03/97	1		0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/97-08/03/97	1		14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/97-08/03/97	1		0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/03/97-08/03/97	1		0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/03/97-08/03/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/03/97-08/03/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/03/97-08/03/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/97-08/03/97	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/03/97-08/03/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/97-08/03/97	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/03/97-08/03/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/03/97-08/03/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/03/97-08/03/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/97-08/03/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/03/97-08/03/97	1	7200.	7200.	7200.	7200.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/03/97-08/03/97	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/03/97-08/03/97	1	128.	128.	128.	128.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/97-08/03/97	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/03/97-08/03/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0077

NPS Station ID: DINO0077
LAT/LON: 40.617809/-108.905310
Agency: 11NPSWRD
Date Created: 03/07/98
Location: C00238
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_NURE_66 /NURE_1155149
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CANYON OF LODORE SOUTH; CO-MOFFAT CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/78-07/29/78	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/78-07/29/78	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/29/78-07/29/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/29/78-07/29/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/78-07/29/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/29/78-07/29/78	1	0.47	0.47	0.47	0.47	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: DINO0077

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0078

NPS Station ID: DINO0078
LAT/LON: 40.605837/-108.907782
Agency: 11NPSWRD
Date Created: 10/13/99
Location: CHOKECHERRY SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_61
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7320
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/97-08/20/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/97-08/20/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	1	45.7	45.7	45.7	45.7	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	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

Parameter Inventory for Station: DINO0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	1	6200.	6200.	6200.	6200.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	1	103.	103.	103.	103.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0079

NPS Station ID: DINO0079
LAT/LON: 40.468893/-108.911393
Agency: 11NPSWRD
Date Created: 10/13/99
Location: TAMARISK SEEP
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_13
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5400
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0079

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/97-05/22/98	2		16.5	16.5	17.	16.	0.5	0.707	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	05/22/98-05/22/98	1		6.	6.	6.	6.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/18/97-08/18/97	1		250.	250.	250.	250.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/97-05/22/98	2		1535.	1535.	1660.	1410.	31250.	176.777	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/97-05/22/98	2		5.9	5.9	6.9	4.9	2.	1.414	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/18/97-05/22/98	2		7.95	7.95	8.1	7.8	0.045	0.212	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/18/97-05/22/98	2		7.925	7.925	8.1	7.8	0.046	0.215	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/97-05/22/98	2		0.012	0.012	0.016	0.008	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/97-05/22/98	2		282.5	282.5	310.	255.	1512.5	38.891	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/97-05/22/98	2	##	0.025	0.025	0.033	0.017	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/97-05/22/98	2		1589.	1589.	2405.	773.	1331712.	1153.998	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/97-05/22/98	2		325.	325.	489.	161.	53792.	231.931	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/97-05/22/98	2		151.	151.	230.	72.	12482.	111.723	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/97-05/22/98	2		74.75	74.75	116.	33.5	3403.125	58.336	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/97-05/22/98	2		5.3	5.3	8.	2.6	14.58	3.818	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/97-05/22/98	2		20.5	20.5	23.	18.	12.5	3.536	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/97-05/22/98	2		1467.	1467.	2457.	477.	1960200.	1400.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/97-08/18/97	1		1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/18/97-05/22/98	2		0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**

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

Parameter Inventory for Station: DINO0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/18/97-05/22/98	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/97-08/18/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/97-05/22/98	2 ##	0.026	0.026	0.05	0.003	0.001	0.034	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/97-05/22/98	2	43.	43.	71.	15.	1568.	39.598	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/18/97-08/18/97	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/97-05/22/98	2	6175.	6175.	9700.	2650.	24851250.	4985.103	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/18/97-08/18/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/97-05/22/98	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/97-08/18/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/97-05/22/98	2	100.5	100.5	160.	41.	7080.5	84.146	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/18/97-05/22/98	2	6950.	6950.	8200.	5700.	3125000.	1767.767	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/18/97-05/22/98	2	450.1	450.1	768.	132.2	202120.82	449.578	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/97-08/18/97	1	658.	658.	658.	658.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/97-05/22/98	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/18/97-08/18/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
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			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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			
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			
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: DINO0080

NPS Station ID: DINO0080 | LAT/LON: 40.417809/-108.911698 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00610 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_82 /NURE_1155194
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE HELLS CANYON; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-08/15/78	1	22.7	22.7	22.7	22.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/78-08/15/78	1	382.	382.	382.	382.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/78-08/15/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/78-08/15/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/78-08/15/78	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/15/78-08/15/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0080

Parameter				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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: DINO0081

NPS Station ID: DINO0081
LAT/LON: 40.453059/-108.913337
Agency: 11NPSWRD
Date Created: 10/13/99
Location: SOB SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_20
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6440
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0081

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/97-08/15/97	1		9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/15/97-08/15/97	1		3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/15/97-08/15/97	1		360.	360.	360.	360.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/15/97-08/15/97	1		370.	370.	370.	370.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/15/97-08/15/97	1		6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/15/97-08/15/97	1		7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/15/97-08/15/97	1		7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/97-08/15/97	1		0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/97-08/15/97	1		256.	256.	256.	256.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/97-08/15/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/97-08/15/97	1		199.	199.	199.	199.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/15/97-08/15/97	1		57.	57.	57.	57.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/15/97-08/15/97	1		14.	14.	14.	14.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/15/97-08/15/97	1		4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/15/97-08/15/97	1		0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/97-08/15/97	1		6.	6.	6.	6.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/97-08/15/97	1		7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/15/97-08/15/97	1		0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/15/97-08/15/97	1		0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/15/97-08/15/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/15/97-08/15/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/15/97-08/15/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/15/97-08/15/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/15/97-08/15/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/97-08/15/97	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/15/97-08/15/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/15/97-08/15/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/15/97-08/15/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/15/97-08/15/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/15/97-08/15/97	1	6200.	6200.	6200.	6200.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/15/97-08/15/97	1	3.16	3.16	3.16	3.16	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/15/97-08/15/97	1	168.	168.	168.	168.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/97-08/15/97	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/15/97-08/15/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0082

NPS Station ID: DINO0082 | LAT/LON: 40.513253/-108.921365 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 7.0 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_02
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE CANYON OF LODORE SOUTH COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 7.0; INSIDE DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-09/11/81	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/31/81-09/11/81	2	26.	26.	30.	22.	32.	5.657	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/81-09/11/81	2	422.5	422.5	725.	120.	183012.5	427.8	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-09/11/81	2	587.5	587.5	725.	450.	37812.5	194.454	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/81-09/11/81	2	7.	7.	7.	7.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	2	1.00	1	1	1.00				1	1	1.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: DINO0083

NPS Station ID: DINO0083 | LAT/LON: 40.484449/-108.921949 | Agency: 11NPSWRD | Date Created: 10/13/99
Location: RED ROCK COTTONTAIL SEEP | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_CSU_08
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 5240 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0083

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/97-08/18/97	1		18.	18.	18.	18.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/18/97-08/18/97	1		1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/18/97-08/18/97	1		110.	110.	110.	110.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/97-08/18/97	1		1590.	1590.	1590.	1590.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/97-08/18/97	1		1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/18/97-08/18/97	1		7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/18/97-08/18/97	1		7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/97-08/18/97	1		0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	1		230.	230.	230.	230.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/97-08/18/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	1		976.	976.	976.	976.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/97-08/18/97	1		252.	252.	252.	252.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/97-08/18/97	1		83.	83.	83.	83.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/97-08/18/97	1		18.	18.	18.	18.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/97-08/18/97	1		2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/97-08/18/97	1		44.	44.	44.	44.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/97-08/18/97	1		687.	687.	687.	687.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/97-08/18/97	1		0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/18/97-08/18/97	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

Parameter Inventory for Station: DINO0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/18/97-08/18/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/97-08/18/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/97-08/18/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/97-08/18/97	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/18/97-08/18/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/97-08/18/97	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/18/97-08/18/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/97-08/18/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/97-08/18/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/97-08/18/97	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/18/97-08/18/97	1	5900.	5900.	5900.	5900.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/18/97-08/18/97	1	229.	229.	229.	229.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/97-08/18/97	1	631.	631.	631.	631.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/97-08/18/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/18/97-08/18/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------6/01-8/31---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0084

NPS Station ID: DINO0084
LAT/LON: 40.643616/-108.925281
Agency: 11NPSWRD
Date Created: 10/13/99
Location: LOWER DISASTER SEEP
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5300
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE NORTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/97-09/20/97	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/20/97-09/20/97	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/97-09/20/97	1	1229.	1229.	1229.	1229.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/97-09/20/97	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/20/97-09/20/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/20/97-09/20/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/97-09/20/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/97-09/20/97	1	322.	322.	322.	322.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/97-09/20/97	1	462.	462.	462.	462.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/97-09/20/97	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/97-09/20/97	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/97-09/20/97	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/97-09/20/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/20/97-09/20/97	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/20/97-09/20/97	1	248.4	248.4	248.4	248.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/97-09/20/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/20/97-09/20/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/20/97-09/20/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/20/97-09/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	09/20/97-09/20/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/97-09/20/97	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/20/97-09/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/20/97-09/20/97	1	890.	890.	890.	890.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/20/97-09/20/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/20/97-09/20/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/97-09/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/20/97-09/20/97	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	09/20/97-09/20/97	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	09/20/97-09/20/97	1	89.	89.	89.	89.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/97-09/20/97	1	950.	950.	950.	950.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/20/97-09/20/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	09/20/97-09/20/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
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									
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: DINO0085

NPS Station ID: DINO0085 | LAT/LON: 40.591948/-108.926116 | Agency: 11NPSWRD | Date Created: 10/13/99
Location: LIMESTONE SPRING EAST | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_CSU_46
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 7350 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14040106 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0085

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	1		17.	17.	17.	17.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	1		1.	1.	1.	1.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	1		320.	320.	320.	320.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	1		480.	480.	480.	480.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	1		6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	1		7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/97-08/20/97	1		7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/97-08/20/97	1		0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1		308.	308.	308.	308.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1		286.	286.	286.	286.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	1		52.	52.	52.	52.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	1		33.	33.	33.	33.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	1		7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	1		0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	1		8.	8.	8.	8.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	1		8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	1		0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	1		0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	1	8000.	8000.	8000.	8000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	1	210.	210.	210.	210.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0086

NPS Station ID: DINO0086
LAT/LON: 40.593893/-108.926670
Agency: 11NPSWRD
Date Created: 10/13/99
Location: LIMESTONE SPRING WEST
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_43
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7350
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0086

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/97-08/20/97	1		18.	18.	18.	18.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/20/97-08/20/97	1		0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/20/97-08/20/97	1		330.	330.	330.	330.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/97-08/20/97	1		510.	510.	510.	510.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/20/97-08/20/97	1		4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/20/97-08/20/97	1		7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/97-08/20/97	1		7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/97-08/20/97	1		0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1		281.	281.	281.	281.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/97-08/20/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/97-08/20/97	1		236.	236.	236.	236.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/97-08/20/97	1		57.	57.	57.	57.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/97-08/20/97	1		35.	35.	35.	35.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/97-08/20/97	1		7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/97-08/20/97	1		0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/97-08/20/97	1		10.	10.	10.	10.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/97-08/20/97	1		9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/97-08/20/97	1		0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/97-08/20/97	1		0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/20/97-08/20/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/97-08/20/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/97-08/20/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/97-08/20/97	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/97-08/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/97-08/20/97	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/20/97-08/20/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/97-08/20/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/97-08/20/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/97-08/20/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/20/97-08/20/97	1	8600.	8600.	8600.	8600.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/20/97-08/20/97	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/97-08/20/97	1	221.	221.	221.	221.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/20/97-08/20/97	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/20/97-08/20/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------6/01-8/31---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0087

NPS Station ID: DINO0087 | LAT/LON: 40.328892/-108.928309 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00540 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_78 /NURE_1155184
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE PLUG HAT ROCK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0087

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
22703 URANIUM, NATURAL, DISSOLVED	09/17/77-09/17/77	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0087

			Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
22703 URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0088

NPS Station ID: DINO0088
LAT/LON: 40.531670/-108.928338
Agency: 11NPSWRD
Date Created: 10/13/99
Location: WARM SPRINGS
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_94
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5250
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/98-07/04/98	1	16.3	16.3	16.3	16.3	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/04/98-07/04/98	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/04/98-07/04/98	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/04/98-07/04/98	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/04/98-07/04/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/04/98-07/04/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/98-07/04/98	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/98-07/04/98	1	183.	183.	183.	183.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/04/98-07/04/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/98-07/04/98	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/98-07/04/98	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/98-07/04/98	1	168.6	168.6	168.6	168.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/98-07/04/98	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/04/98-07/04/98	1	249.	249.	249.	249.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/04/98-07/04/98	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/98-07/04/98	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/04/98-07/04/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/98-07/04/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/98-07/04/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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Parameter Inventory for Station: DINO0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/98-07/04/98	1	830.	830.	830.	830.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/98-07/04/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/98-07/04/98	1	79.	79.	79.	79.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/98-07/04/98	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/04/98-07/04/98	1	19.4	19.4	19.4	19.4	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/04/98-07/04/98	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0089

NPS Station ID: DINO0089
LAT/LON: 40.312226/-108.928892
Agency: 112WRD
Date Created: 02/28/78
Location: S(B- 4-103)14CCA-S1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401844108554400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 17.60
On/Off RF1:
RF3 Index: 14050005075900.00
RF3 Mile Point: 1.17
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/72-10/19/72	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/72-10/19/72	1	1060.	1060.	1060.	1060.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/72-10/19/72	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/72-10/19/72	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/72-10/19/72	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/72-10/19/72	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/72-10/19/72	1	392.	392.	392.	392.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/19/72-10/19/72	1	478.	478.	478.	478.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/19/72-10/19/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/19/72-10/19/72	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/72-10/19/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/19/72-10/19/72	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/72-10/19/72	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/72-10/19/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/72-10/19/72	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/72-10/19/72	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/72-10/19/72	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/72-10/19/72	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/72-10/19/72	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/72-10/19/72	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/72-10/19/72	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/72-10/19/72	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/72-10/19/72	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/72-10/19/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/19/72-10/19/72	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/19/72-10/19/72	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/19/72-10/19/72	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/19/72-10/19/72	1	629.	629.	629.	629.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/72-10/19/72	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: DINO0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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: DINO0090

NPS Station ID: DINO0090
LAT/LON: 40.579726/-108.938060
Agency: 11NPSWRD
Date Created: 10/13/99
Location: ZENOBIA CREEK OUTLET
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_CSU_63
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5240
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/97-09/20/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	09/20/97-09/20/97	1	898.	898.	898.	898.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/20/97-09/20/97	1	295.	295.	295.	295.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/97-09/20/97	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/97-09/20/97	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/20/97-09/20/97	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/20/97-09/20/97	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/97-09/20/97	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/97-09/20/97	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/97-09/20/97	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/97-09/20/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/97-09/20/97	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/97-09/20/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/97-09/20/97	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/20/97-09/20/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/20/97-09/20/97	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/97-09/20/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/20/97-09/20/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/20/97-09/20/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/20/97-09/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/20/97-09/20/97	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/97-09/20/97	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/20/97-09/20/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/20/97-09/20/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/20/97-09/20/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/20/97-09/20/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/97-09/20/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/20/97-09/20/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	09/20/97-09/20/97	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	09/20/97-09/20/97	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/97-09/20/97	1	110.	110.	110.	110.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/20/97-09/20/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	09/20/97-09/20/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
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									
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: DINO0091

NPS Station ID: DINO0091
LAT/LON: 40.632226/-108.940004
Agency: 11NPSWRD
Date Created: 10/13/99
Location: POT CREEK SEEP
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_59
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5350
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE NORTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/97-08/03/97	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/03/97-08/03/97	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/97-08/03/97	1	365.	365.	365.	365.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/97-08/03/97	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/03/97-08/03/97	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/97-08/03/97	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/97-08/03/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/97-08/03/97	1	149.	149.	149.	149.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/97-08/03/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/97-08/03/97	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/97-08/03/97	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/97-08/03/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/97-08/03/97	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/97-08/03/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/97-08/03/97	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/97-08/03/97	1	34.9	34.9	34.9	34.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/97-08/03/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/03/97-08/03/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/03/97-08/03/97	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/03/97-08/03/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/03/97-08/03/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/97-08/03/97	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/03/97-08/03/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/97-08/03/97	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/03/97-08/03/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/03/97-08/03/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/03/97-08/03/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/97-08/03/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/03/97-08/03/97	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/03/97-08/03/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/03/97-08/03/97	1	168.	168.	168.	168.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/97-08/03/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/03/97-08/03/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0092

NPS Station ID: DINO0092
LAT/LON: 40.481392/-108.940560
Agency: 11NPSWRD
Date Created: 10/13/99
Location: RED ROCK SEEP
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_01
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5400
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/97-08/07/97	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/07/97-08/07/97	1	295.	295.	295.	295.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/97-08/07/97	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/97-08/07/97	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/07/97-08/07/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/07/97-08/07/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/97-08/07/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/97-08/07/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	1	1190.	1190.	1190.	1190.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/97-08/07/97	1	291.	291.	291.	291.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/97-08/07/97	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/97-08/07/97	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/97-08/07/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/97-08/07/97	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/97-08/07/97	1	789.	789.	789.	789.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/97-08/07/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/07/97-08/07/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/07/97-08/07/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/07/97-08/07/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/07/97-08/07/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/97-08/07/97	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/07/97-08/07/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/07/97-08/07/97	1	4900.	4900.	4900.	4900.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/07/97-08/07/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/07/97-08/07/97	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/07/97-08/07/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/07/97-08/07/97	1	73.	73.	73.	73.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/07/97-08/07/97	1	9000.	9000.	9000.	9000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/07/97-08/07/97	1	361.	361.	361.	361.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/97-08/07/97	1	749.	749.	749.	749.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/07/97-08/07/97	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/07/97-08/07/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
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			
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			
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: DINO0093

NPS Station ID: DINO0093 | LAT/LON: 40.527337/-108.944698 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: YAMPA RIVER MILE 3.0 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_01
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE CANYON OF LODORE SOUTH COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE YAMPA RIVER; MILE 3.0; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/81-06/18/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/18/81-06/18/81	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/18/81-06/18/81	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/81-06/18/81	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/18/81-06/18/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0093

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0094

NPS Station ID: DINO0094
LAT/LON: 40.464726/-108.950282
Agency: 11NPSWRD
Date Created: 10/13/99
Location: TOM'S SPRING 1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_19
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5860
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0094

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/97-08/07/97	1		10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/07/97-08/07/97	1		3.	3.	3.	3.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/07/97-08/07/97	1		310.	310.	310.	310.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/97-08/07/97	1		407.	407.	407.	407.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/97-08/07/97	1		7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/07/97-08/07/97	1		8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/07/97-08/07/97	1		8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/97-08/07/97	1		0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	1		210.	210.	210.	210.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/97-08/07/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	1		234.	234.	234.	234.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/97-08/07/97	1		44.	44.	44.	44.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/97-08/07/97	1		16.	16.	16.	16.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/97-08/07/97	1		8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/97-08/07/97	1		1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/97-08/07/97	1		7.	7.	7.	7.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/97-08/07/97	1		14.	14.	14.	14.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/97-08/07/97	1		0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/07/97-08/07/97	1		0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/07/97-08/07/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/07/97-08/07/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/07/97-08/07/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/97-08/07/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/07/97-08/07/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/07/97-08/07/97	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/07/97-08/07/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/07/97-08/07/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/07/97-08/07/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/07/97-08/07/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/07/97-08/07/97	1	6100.	6100.	6100.	6100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/07/97-08/07/97	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/97-08/07/97	1	167.	167.	167.	167.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/07/97-08/07/97	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/07/97-08/07/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0094

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0095

NPS Station ID: DINO0095
LAT/LON: 40.464726/-108.950559
Agency: 11NPSWRD
Date Created: 10/13/99
Location: TOM'S SPRING 2
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_21
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5820
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14050002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HELLS CANYON CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/97-08/07/97	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/07/97-08/07/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/07/97-08/07/97	1	342.	342.	342.	342.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/97-08/07/97	1	327.	327.	327.	327.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/97-08/07/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/07/97-08/07/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/07/97-08/07/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/97-08/07/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/97-08/07/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/97-08/07/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/97-08/07/97	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/97-08/07/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/97-08/07/97	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/97-08/07/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/97-08/07/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/97-08/07/97	1	20.3	20.3	20.3	20.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/97-08/07/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/07/97-08/07/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/07/97-08/07/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/07/97-08/07/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/07/97-08/07/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/97-08/07/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/07/97-08/07/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/07/97-08/07/97	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/07/97-08/07/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/07/97-08/07/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/07/97-08/07/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/07/97-08/07/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/07/97-08/07/97	1	6400.	6400.	6400.	6400.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/07/97-08/07/97	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/97-08/07/97	1	152.	152.	152.	152.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/07/97-08/07/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/07/97-08/07/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0096

NPS Station ID: DINO0096 LAT/LON: 40.521754/-108.950587 Agency: 11NPSWRD Date Created: 05/30/98
Location: YAMPA RIVER; 2.3 RM ABOVE YAMPA'S MOUTH FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): DINO_USU_Y4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: 14050002 RF1 Mile Point: 0.000 Distance from RF1: 28.00 On/Off RF1:
RF3 Index: 14040109001603.27 RF3 Mile Point: 4.77 Distance from RF3: 0.05 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CANYON OF LODORE SOUTH; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON THE YAMPA RIVER 2.3 RIVER MILES ABOVE YAMPA'S MOUTH. THIS SITE IS LOCATED WITHIN THE DINOSAUR NATIONAL MONUMENT'S BOUNDARY. DATA FOR THIS SITE ORIGINATE FROM THE REPORT; "AN ECOLOGICAL CHARACTERIZATION OF THE YAMPA AND GREEN RIVER IN DINOSAUR NATIONAL MONUMENT" BY J.M. NEUHOLD AND T.C. ANNEAR; UTAH STATE UNIVERSITY; APRIL 1981. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT DINOSAUR NATIONAL MONUMENT 4545 HIGHWAY 40; DINOSAUR; CO 81610-9724. TEL (970)374-3000. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS CO 80525. TEL (970)225-3516.

Parameter Inventory for Station: DINO0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	8	11.4	12.638	21.1	3.9	49.16	7.011	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	4	131.5	138.	264.	25.	16044.667	126.668	**	**	**	**
85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	15	9.5	20.	66.	2.5	379.821	19.489	3.7	5.	36.5	54.

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

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

Station Inventory for Station: DINO0097

NPS Station ID: DINO0097 | LAT/LON: 40.720003/-108.952809 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00366 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_65 /NURE_1155167
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14040106 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14040106 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CANYON OF LODORE NORTH; CO-MOFFAT CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/77-09/19/77	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/77-09/19/77	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/77-09/19/77	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	1	1.28	1.28	1.28	1.28	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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: DINO0098

NPS Station ID: DINO0098 | LAT/LON: 40.471115/-108.953893 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00605 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_85 /NURE_1155191
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE HELLS CANYON; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	1	4300.	4300.	4300.	4300.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/77-09/22/77	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/77-09/22/77	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/77-09/22/77	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	1	18.57	18.57	18.57	18.57	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0098

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			--------------n/a--------------		
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.	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: DINO0099

NPS Station ID: DINO0099 | LAT/LON: 40.350003/-108.955004 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00541 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_79 /NURE_1155185
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE PLUG HAT ROCK; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	840.	840.	840.	840.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0099

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0100

NPS Station ID: DINO0100
LAT/LON: 40.565003/-108.957226
Agency: 11NPSWRD
Date Created: 10/13/99
Location: LIMESTONE SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_44
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5680
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-07/13/98	2	17.2	17.2	18.3	16.1	2.42	1.556	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/04/97-07/13/98	2	11.35	11.35	16.	6.7	43.245	6.576	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-07/13/98	2	466.5	466.5	528.	405.	7564.5	86.974	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/98-07/13/98	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/13/98-07/13/98	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/13/98-07/13/98	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/98-07/13/98	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/13/98-07/13/98	1	142.	142.	142.	142.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-07/13/98	2 ##	0.025	0.025	0.033	0.017	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/98-07/13/98	1	244.	244.	244.	244.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-07/13/98	2	42.5	42.5	43.	42.	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-07/13/98	2	34.	34.	36.	32.	8.	2.828	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-07/13/98	2	6.	6.	6.2	5.8	0.08	0.283	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-07/13/98	2	1.7	1.7	2.6	0.8	1.62	1.273	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-07/13/98	2	6.	6.	8.	4.	8.	2.828	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-07/13/98	2	21.65	21.65	25.	18.3	22.445	4.738	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-07/13/98	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**	**

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

Parameter Inventory for Station: DINO0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-07/13/98	2	0.17	0.17	0.3	0.04	0.034	0.184	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-07/13/98	2 ##	0.005	0.005	0.008	0.003	0.	0.004	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-07/13/98	2	1.8	1.8	2.6	1.	1.28	1.131	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-07/13/98	2	145.	145.	160.	130.	450.	21.213	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-07/13/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-07/13/98	2	7.	7.	7.	7.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-07/13/98	2	4750.	4750.	5300.	4200.	605000.	777.817	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-07/13/98	2	6.	6.	6.6	5.4	0.72	0.849	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	1	217.	217.	217.	217.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-07/13/98	2	2.	2.	2.7	1.3	0.98	0.99	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
		Drinking Water	250.	2	0	0.00							2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00							2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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							2	0	0.00			
		Drinking Water	5000.	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: DINO0101

NPS Station ID: DINO0101
LAT/LON: 40.562505/-108.957781
Agency: 112WRD
Date Created: 03/31/84
Location: SC00710315BDA-S1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403345108572801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14050007130900.00
RF3 Mile Point: 0.98
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/83-09/06/83	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/83-09/06/83	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/06/83-09/06/83	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/06/83-09/06/83	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/83-09/06/83	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/06/83-09/06/83	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/83-09/06/83	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/83-09/06/83	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/06/83-09/06/83	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/06/83-09/06/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/06/83-09/06/83	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/06/83-09/06/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/06/83-09/06/83	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/06/83-09/06/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/06/83-09/06/83	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/06/83-09/06/83	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/06/83-09/06/83	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/06/83-09/06/83	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/06/83-09/06/83	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/06/83-09/06/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/83-09/06/83	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/06/83-09/06/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/83-09/06/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/06/83-09/06/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/06/83-09/06/83	1	82.	82.	82.	82.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/06/83-09/06/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/06/83-09/06/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/06/83-09/06/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/06/83-09/06/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/06/83-09/06/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/06/83-09/06/83	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/06/83-09/06/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/06/83-09/06/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/06/83-09/06/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/06/83-09/06/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/06/83-09/06/83	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/06/83-09/06/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/06/83-09/06/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/06/83-09/06/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/06/83-09/06/83	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/06/83-09/06/83	1	211.	211.	211.	211.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/06/83-09/06/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/06/83-09/06/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	09/06/83-09/06/83	1	-4.9	-4.9	-4.9	-4.9	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/06/83-09/06/83	1	-119.	-119.	-119.	-119.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/06/83-09/06/83	1	-14.9	-14.9	-14.9	-14.9	0.	0.	**	**	**	**
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	09/06/83-09/06/83	1	-1.4	-1.4	-1.4	-1.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									
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.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
07000	TRITIUM, TOTAL	Drinking Water	20000.	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: DINO0102

NPS Station ID: DINO0102 LAT/LON: 40.559170/-108.960281 Agency: 11NPSWRD Date Created: 10/13/99
Location: DOWNSTREAM OF LIMESTONE CREEK (DSLC) FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): DINO_CSU_49
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 5400 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: 14040106 RF1 Mile Point: 0.000 Distance from RF1: 28.00 On/Off RF1:
RF3 Index: 14040109001603.27 RF3 Mile Point: 4.77 Distance from RF3: 0.05 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/04/97-08/04/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	1	276.	276.	276.	276.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/97-08/04/97	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/97-08/04/97	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	1	42.1	42.1	42.1	42.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	1	113.	113.	113.	113.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0103

NPS Station ID: DINO0103 LAT/LON: 40.518892/-108.960560 Agency: 112WRD Date Created: 05/14/83
Location: YAMPA RIVER BL BOX ELDER PARK NR DINOSAUR, CO. FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09260150
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14050002001 RF1 Mile Point: 1.480 Distance from RF1: 9.80 On/Off RF1: ON
RF3 Index: 14050002044600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/82-07/27/82	17	16.	16.059	25.	13.	14.309	3.783	13.	13.	17.	22.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/29/82-07/27/82	19	8490.	7898.421	10300.	1660.	4914169.591	2216.793	4380.	6970.	8910.	10300.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/29/82-07/27/82	3	240.	235.	300.	165.	4575.	67.639	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/29/82-07/27/82	10	41.	47.2	96.	27.	419.733	20.487	27.4	31.75	56.25	92.1
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	07/27/82-07/27/82	1	98.	98.	98.	98.	0.	0.	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	07/27/82-07/27/82	1	99.	99.	99.	99.	0.	0.	**	**	**	**
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	07/27/82-07/27/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	07/27/82-07/27/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	04/29/82-07/27/82	10	13.5	17.4	43.	9.	109.822	10.48	9.1	11.5	20.5	41.5
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	04/29/82-07/27/82	10	16.5	22.	60.	10.	218.222	14.772	10.2	13.5	25.25	57.2
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	04/29/82-07/27/82	10	26.	31.9	83.	14.	415.211	20.377	14.4	18.75	36.	79.5
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	04/29/82-07/10/82	9	43.	46.667	74.	28.	220.75	14.858	28.	34.	58.	74.
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	04/29/82-07/10/82	9	59.	62.333	87.	39.	273.5	16.538	39.	48.	77.5	87.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	04/29/82-07/10/82	9	86.	82.333	95.	66.	134.25	11.587	66.	69.5	93.	95.
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	04/29/82-07/10/82	9	97.	94.	100.	84.	39.5	6.285	84.	88.	99.5	100.
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	04/29/82-07/10/82	8	100.	99.125	100.	93.	6.125	2.475	**	**	**	**
70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	06/21/82-06/21/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/29/82-07/27/82	19	543.	722.368	2380.	173.	273841.912	523.299	176.	481.	742.	1670.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/29/82-07/27/82	19	13000.	15929.474	44800.	1830.	119747405.263	10942.916	2050.	11100.	19400.	31400.

** - Less than 9 observations ## - 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: DINO0104

NPS Station ID: DINO0104
LAT/LON: 40.562505/-108.962782
Agency: 11NPSWRD
Date Created: 10/13/99
Location: LIMESTONE CREEK
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_CSU_50
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5200
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	1	15.7	15.7	15.7	15.7	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	1	305.	305.	305.	305.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	1	558.	558.	558.	558.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/97-08/04/97	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/97-08/04/97	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/97-08/04/97	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	1	278.	278.	278.	278.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	1	16.9	16.9	16.9	16.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	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

Parameter Inventory for Station: DINO0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	1	230.	230.	230.	230.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0105

NPS Station ID: DINO0105
LAT/LON: 40.275559/-108.973060
Agency: 112WRD
Date Created: 02/28/78
Location: S(B- 4-103)32ADB-S1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401632108582301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14050007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14050007
RF1 Mile Point: 0.000
Distance from RF1: 6.00
On/Off RF1:
RF3 Index: 14050007015700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/58-05/09/73	2	12.75	12.75	15.	10.5	10.125	3.182	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/30/58-05/09/73	2	728.5	728.5	791.	666.	7812.5	88.388	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/58-05/09/73	2	7.5	7.5	7.6	7.4	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/30/58-05/09/73	2	7.489	7.489	7.6	7.4	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/58-05/09/73	2	0.032	0.032	0.04	0.025	0.	0.01	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/30/58-05/09/73	2	21.	21.	27.	15.	72.	8.485	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/58-05/09/73	2	319.5	319.5	343.	296.	1104.5	33.234	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/30/58-05/09/73	2	389.5	389.5	418.	361.	1624.5	40.305	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/30/58-05/09/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/30/58-09/30/58	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/09/73-05/09/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/09/73-05/09/73	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/09/73-05/09/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/30/58-05/09/73	2	323.	323.	346.	300.	1058.	32.527	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/30/58-05/09/73	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/30/58-05/09/73	2	62.5	62.5	65.	60.	12.5	3.536	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/30/58-05/09/73	2	41.	41.	45.	37.	32.	5.657	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/09/73-05/09/73	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/30/58-05/09/73	2	0.9	0.9	1.2	0.6	0.18	0.424	**	**	**	**
00932	SODIUM, PERCENT	09/30/58-05/09/73	2	19.5	19.5	24.	15.	40.5	6.364	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/30/58-09/30/58	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/09/73-05/09/73	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/30/58-05/09/73	2	21.	21.	26.	16.	50.	7.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/58-05/09/73	2	55.5	55.5	71.	40.	480.5	21.92	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/09/73-05/09/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/30/58-05/09/73	2	13.	13.	13.	13.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/09/73-05/09/73	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/09/73-05/09/73	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/09/73-05/09/73	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/30/58-05/09/73	2	424.5	424.5	478.	371.	5724.5	75.66	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/09/73-05/09/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/30/58-09/30/58	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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									
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.	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.	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: DINO0106

NPS Station ID: DINO0106 | LAT/LON: 40.436893/-108.976392 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00607 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_84 /NURE_1155193
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE HELLS CANYON; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/78-08/08/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/78-08/08/78	1	620.	620.	620.	620.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/78-08/08/78	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/78-08/08/78	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/78-08/08/78	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/08/78-08/08/78	1	1.07	1.07	1.07	1.07	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0107

NPS Station ID: DINO0107 LAT/LON: 40.529448/-108.980281 Agency: 112WRD Date Created: 01/25/77
Location: YAMPA R AB RIVER MILE 0 IN DINOSAUR NAT MON, CO FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 403146108584900
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14050002001 RF1 Mile Point: 0.140 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 14050002000313.63 RF3 Mile Point: 13.74 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/76-08/19/76	1	356.	356.	356.	356.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/76-08/19/76	1	495.	495.	495.	495.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/76-08/19/76	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/76-08/19/76	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/76-08/19/76	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/19/76-08/19/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/19/76-08/19/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/19/76-08/19/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/19/76-08/19/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/19/76-08/19/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/19/76-08/19/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/19/76-08/19/76	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/19/76-08/19/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0107

Parameter				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0108

NPS Station ID: DINO0108
LAT/LON: 40.528892/-108.980281
Agency: 112WRD
Date Created: 12/10/75
Location: YAMPA RIVER NR JENSEN, UTAH
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 403144108584900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14050002001
RF1 Mile Point: 0.140
Distance from RF1: 28.80
On/Off RF1: ON
RF3 Index: 14050002055202.80
RF3 Mile Point: 3.67
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	06/16/47-09/18/48	2	2707.	2707.	5320.	94.	13655538.	3695.34	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/16/47-09/18/48	2	439.	439.	680.	198.	116162.	340.825	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/47-09/18/48	2	111.	111.	145.	77.	2312.	48.083	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/16/47-09/18/48	2	135.5	135.5	177.	94.	3444.5	58.69	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/16/47-09/18/48	2	138.	138.	190.	86.	5408.	73.539	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/16/47-09/18/48	2	28.	28.	47.	9.	722.	26.87	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/16/47-09/18/48	2	33.5	33.5	44.	23.	220.5	14.849	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/47-09/18/48	2	13.5	13.5	20.	7.	84.5	9.192	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	06/16/47-09/18/48	2	43.	43.	76.	10.	2178.	46.669	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/16/47-09/18/48	2	41.	41.	78.	4.	2738.	52.326	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/16/47-09/18/48	2	61.	61.	97.	25.	2592.	50.912	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/16/47-09/18/48	2	10.9	10.9	13.	8.8	8.82	2.97	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/16/47-09/18/48	2	270.5	270.5	412.	129.	40044.5	200.111	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/16/47-09/18/48	2	977.5	977.5	1850.	105.	1522512.5	1233.901	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/16/47-09/18/48	2	0.37	0.37	0.56	0.18	0.072	0.269	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/16/47-09/18/48	2	1.05	1.05	1.5	0.6	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: DINO0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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			
71850	NITRATE NITROGEN, TOTAL (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: DINO0109

NPS Station ID: DINO0109
LAT/LON: 40.590005/-108.984726
Agency: 11NPSWRD
Date Created: 10/13/99
Location: MASSEY SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_56
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5200
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0109

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	1		14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/04/97-08/04/97	1		1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	1		300.	300.	300.	300.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	1		373.	373.	373.	373.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/97-08/04/97	1		7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	1		7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/97-08/04/97	1		7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/97-08/04/97	1		0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	1		144.	144.	144.	144.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	1		170.	170.	170.	170.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	1		50.	50.	50.	50.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	1		12.	12.	12.	12.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	1		15.	15.	15.	15.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	1		1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	1		11.	11.	11.	11.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	1		34.5	34.5	34.5	34.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	1		0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	1		0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	1	6100.	6100.	6100.	6100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	1	172.	172.	172.	172.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0110

NPS Station ID: DINO0110
LAT/LON: 40.585837/-108.984726
Agency: 11NPSWRD
Date Created: 10/13/99
Location: RIPPLING CREEK
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_CSU_54
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5280
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-07/12/98	2	16.6	16.6	17.3	15.9	0.98	0.99	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/04/97-07/12/98	2	218.	218.	225.	211.	98.	9.899	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	1	285.	285.	285.	285.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-07/12/98	2	443.	443.	460.	426.	578.	24.042	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/97-07/12/98	2	6.6	6.6	6.7	6.5	0.02	0.141	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/12/98-07/12/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/12/98-07/12/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/98-07/12/98	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-07/12/98	2	200.5	200.5	202.	199.	4.5	2.121	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-07/12/98	2 ##	0.025	0.025	0.033	0.017	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-07/12/98	2	259.5	259.5	277.	242.	612.5	24.749	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-07/12/98	2	40.	40.	42.	38.	8.	2.828	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-07/12/98	2	31.	31.	31.	31.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-07/12/98	2	4.7	4.7	5.	4.4	0.18	0.424	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-07/12/98	2	1.9	1.9	2.2	1.6	0.18	0.424	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-07/12/98	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-07/12/98	2	21.05	21.05	26.	16.1	49.005	7.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-07/12/98	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-07/12/98	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-07/12/98	2 ##	0.005	0.005	0.007	0.003	0.	0.003	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-07/12/98	2	1.45	1.45	1.9	1.	0.405	0.636	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-07/12/98	2	125.	125.	130.	120.	50.	7.071	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-07/12/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-07/12/98	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-07/12/98	2	4650.	4650.	4800.	4500.	45000.	212.132	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-07/12/98	2	5.85	5.85	6.2	5.5	0.245	0.495	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	1	189.	189.	189.	189.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-07/12/98	2	2.7	2.7	4.5	0.9	6.48	2.546	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
		Drinking Water	250.	2	0	0.00							2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00							2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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							2	0	0.00			
		Drinking Water	5000.	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: DINO0111

NPS Station ID: DINO0111 | LAT/LON: 40.448309/-108.985309 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00606 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_83 /NURE_1155192
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14050002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14050002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE HELLS CANYON; CO-MOFFAT CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/78-08/04/78	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/78-08/04/78	1	3400.	3400.	3400.	3400.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/78-08/04/78	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/78-08/04/78	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/78-08/04/78	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/04/78-08/04/78	1	27.13	27.13	27.13	27.13	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
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: DINO0112

NPS Station ID: DINO0112
LAT/LON: 40.604448/-108.986115
Agency: 11NPSWRD
Date Created: 10/13/99
Location: UPPER MASSEY SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_93
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7220
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/98-06/15/98	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/15/98-06/15/98	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/15/98-06/15/98	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/98-06/15/98	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/15/98-06/15/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/15/98-06/15/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/98-06/15/98	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/98-06/15/98	1	251.	251.	251.	251.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/98-06/15/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/98-06/15/98	1	234.	234.	234.	234.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/98-06/15/98	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/98-06/15/98	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/98-06/15/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/98-06/15/98	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/98-06/15/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/98-06/15/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/98-06/15/98	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/15/98-06/15/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/98-06/15/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/98-06/15/98	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/98-06/15/98	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/98-06/15/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/15/98-06/15/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/15/98-06/15/98	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/15/98-06/15/98	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/98-06/15/98	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0113

NPS Station ID: DINO0113
LAT/LON: 40.541948/-108.987781
Agency: 11NPSWRD
Date Created: 10/13/99
Location: WILD CANYON SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_62
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5250
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-07/13/98	2	18.9	18.9	20.1	17.7	2.88	1.697	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/04/97-07/13/98	2	698.5	698.5	1347.	50.	841104.5	917.117	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	1	315.	315.	315.	315.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-07/13/98	2	1713.	1713.	1839.	1587.	31752.	178.191	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/97-07/13/98	2	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/04/97-07/13/98	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/97-07/13/98	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/97-07/13/98	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-07/13/98	2	198.	198.	206.	190.	128.	11.314	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-07/13/98	2 ##	0.025	0.025	0.033	0.017	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-07/13/98	2	322.5	322.5	355.	290.	2112.5	45.962	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-07/13/98	2	65.5	65.5	68.	63.	12.5	3.536	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-07/13/98	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-07/13/98	2	212.15	212.15	222.	202.3	194.045	13.93	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-07/13/98	2	10.5	10.5	12.1	8.9	5.12	2.263	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-07/13/98	2	362.5	362.5	399.	326.	2664.5	51.619	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-07/13/98	2	79.3	79.3	95.	63.6	492.98	22.203	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-07/13/98	2	0.075	0.075	0.08	0.07	0.	0.007	**	**	**	**

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

Parameter Inventory for Station: DINO0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-07/13/98	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-07/13/98	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-07/13/98	2	1.9	1.9	3.	0.8	2.42	1.556	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-07/13/98	2	1135.	1135.	1200.	1070.	8450.	91.924	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-07/13/98	2	12.5	12.5	23.	2.	220.5	14.849	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-07/13/98	2	120.	120.	130.	110.	200.	14.142	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-07/13/98	2	5100.	5100.	5500.	4700.	320000.	565.685	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-07/13/98	2	26.7	26.7	29.	24.4	10.58	3.253	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	1	756.	756.	756.	756.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-07/13/98	2	1.35	1.35	1.9	0.8	0.605	0.778	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------6/01-8/31---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
		Drinking Water	250.	2	2	1.00							2	2	1.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00							2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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							2	0	0.00			
		Drinking Water	5000.	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: DINO0114

NPS Station ID: DINO0114
LAT/LON: 40.574170/-108.990005
Agency: 11NPSWRD
Date Created: 10/13/99
Location: OUTLAW SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_83
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7100
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/98-08/04/98	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/04/98-08/04/98	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/98-08/04/98	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/98-08/04/98	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/04/98-08/04/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/98-08/04/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/98-08/04/98	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/98-08/04/98	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/98-08/04/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/98-08/04/98	1	223.	223.	223.	223.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/98-08/04/98	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/98-08/04/98	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/98-08/04/98	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/98-08/04/98	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/98-08/04/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/98-08/04/98	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/98-08/04/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/04/98-08/04/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/98-08/04/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/98-08/04/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/98-08/04/98	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/98-08/04/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/98-08/04/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/98-08/04/98	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/98-08/04/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/98-08/04/98	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0115

NPS Station ID: DINO0115 | LAT/LON: 40.528948/-108.990977 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 343.8 | | FIPS State/County: 08081 COLORADO/MOFFAT |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): DINO_USFW_31 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 14060001 | Depth of Water: 0 | Aquifer: |
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id: |
Minor Basin: GREEN RIVER | | ECO Region: |
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:

Description:
THE STATION WAS LOCATED ON THE CANYON OF LODORE SOUTH COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 343.8; INSIDE DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/81-09/29/81	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/81-09/29/81	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-04/21/81	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/21/81-09/29/81	2	530.	530.	620.	440.	16200.	127.279	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/21/81-09/29/81	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	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: DINO0116

NPS Station ID: DINO0116
LAT/LON: 40.596392/-108.991671
Agency: 11NPSWRD
Date Created: 10/13/99
Location: BACK SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_65
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7000
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/98-08/04/98	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/04/98-08/04/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/98-08/04/98	1	648.	648.	648.	648.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/98-08/04/98	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/04/98-08/04/98	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/98-08/04/98	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/98-08/04/98	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/98-08/04/98	1	171.	171.	171.	171.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/98-08/04/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/98-08/04/98	1	334.	334.	334.	334.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/98-08/04/98	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/98-08/04/98	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/98-08/04/98	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/98-08/04/98	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/98-08/04/98	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/98-08/04/98	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/98-08/04/98	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/04/98-08/04/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/98-08/04/98	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/98-08/04/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/98-08/04/98	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/98-08/04/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/98-08/04/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/98-08/04/98	1	4700.	4700.	4700.	4700.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/98-08/04/98	1	14.3	14.3	14.3	14.3	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/98-08/04/98	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------6/01-8/31---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0117

NPS Station ID: DINO0117
LAT/LON: 40.593337/-108.992226
Agency: 11NPSWRD
Date Created: 10/13/99
Location: RAMS SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_87
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7000
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/98-08/05/98	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/05/98-08/05/98	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/98-08/05/98	1	637.	637.	637.	637.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/98-08/05/98	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/05/98-08/05/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/98-08/05/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/98-08/05/98	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/98-08/05/98	1	197.	197.	197.	197.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/98-08/05/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/98-08/05/98	1	322.	322.	322.	322.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/98-08/05/98	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/98-08/05/98	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/98-08/05/98	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/98-08/05/98	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/98-08/05/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/98-08/05/98	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/98-08/05/98	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/05/98-08/05/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/98-08/05/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/98-08/05/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/98-08/05/98	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/98-08/05/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/98-08/05/98	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/98-08/05/98	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/05/98-08/05/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/98-08/05/98	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: DINO0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0118

NPS Station ID: DINO0118 | LAT/LON: 40.522559/-108.992588 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 344.3 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_30
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE CANYON OF LODORE SOUTH COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 344.3; INSIDE DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/81-08/05/81	3	19.	17.167	19.5	13.	13.083	3.617	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/17/81-08/05/81	3	27.	26.667	38.	15.	132.333	11.504	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/81-08/05/81	3	30.	37.667	65.	18.	596.333	24.42	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/81-08/05/81	3	440.	460.	680.	260.	44400.	210.713	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/17/81-08/05/81	3	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	1	0.33				1	1	1.00	2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00				1	0	0.00	2	0	0.00			

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

Station Inventory for Station: DINO0119

NPS Station ID: DINO0119
LAT/LON: 40.584171/-108.994448
Agency: 11NPSWRD
Date Created: 10/13/99
Location: MIDDLE RIPPLING SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_81
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 6920
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/98-07/25/98	1	19.1	19.1	19.1	19.1	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/25/98-07/25/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/98-07/25/98	1	416.	416.	416.	416.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/25/98-07/25/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/25/98-07/25/98	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/25/98-07/25/98	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/98-07/25/98	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/98-07/25/98	1	179.	179.	179.	179.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/98-07/25/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/98-07/25/98	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/25/98-07/25/98	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/25/98-07/25/98	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/25/98-07/25/98	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/25/98-07/25/98	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/25/98-07/25/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/25/98-07/25/98	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/25/98-07/25/98	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/25/98-07/25/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/25/98-07/25/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/98-07/25/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/25/98-07/25/98	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/25/98-07/25/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/25/98-07/25/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/25/98-07/25/98	1	5700.	5700.	5700.	5700.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/25/98-07/25/98	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/25/98-07/25/98	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: DINO0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0120

NPS Station ID: DINO0120
LAT/LON: 40.541948/-108.994727
Agency: 112WRD
Date Created: 05/19/84
Location: SC00710320DBC-S1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403231108594101
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 0.90
On/Off RF1:
RF3 Index: 14060001001904.31
RF3 Mile Point: 4.38
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/83-09/07/83	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/83-09/07/83	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/83-09/07/83	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/83-09/07/83	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/83-09/07/83	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/07/83-09/07/83	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/07/83-09/07/83	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/83-09/07/83	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/83-09/07/83	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/07/83-09/07/83	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/07/83-09/07/83	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/07/83-09/07/83	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/07/83-09/07/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/07/83-09/07/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/83-09/07/83	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/83-09/07/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/07/83-09/07/83	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/07/83-09/07/83	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/07/83-09/07/83	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/07/83-09/07/83	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/83-09/07/83	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/83-09/07/83	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/07/83-09/07/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/83-09/07/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/83-09/07/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/07/83-09/07/83	1	69.	69.	69.	69.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/07/83-09/07/83	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/07/83-09/07/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/07/83-09/07/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/07/83-09/07/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/07/83-09/07/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/83-09/07/83	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/83-09/07/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/83-09/07/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/07/83-09/07/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/07/83-09/07/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/83-09/07/83	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/07/83-09/07/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/07/83-09/07/83	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/07/83-09/07/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/83-09/07/83	1	927.	927.	927.	927.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/07/83-09/07/83	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/07/83-09/07/83	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: DINO0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									
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.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
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: DINO0121

NPS Station ID: DINO0121
LAT/LON: 40.542226/-108.995004
Agency: 112WRD
Date Created: 02/28/78
Location: S(B- 7-103)20CAD-S1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403232108594201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 8.60
On/Off RF1:
RF3 Index: 14050002045900.00
RF3 Mile Point: 2.52
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/48-09/18/48	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/48-09/18/48	1	1660.	1660.	1660.	1660.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/48-09/18/48	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/18/48-09/18/48	1	239.	239.	239.	239.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/18/48-09/18/48	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/48-09/18/48	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/48-09/18/48	1	304.	304.	304.	304.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/48-09/18/48	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/48-09/18/48	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/48-09/18/48	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/18/48-09/18/48	1	237.	237.	237.	237.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/48-09/18/48	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/48-09/18/48	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/48-09/18/48	1	13.	13.	13.	13.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/48-09/18/48	1	938.	938.	938.	938.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/48-09/18/48	1	3.2	3.2	3.2	3.2	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: DINO0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	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: DINO0122

NPS Station ID: DINO0122
LAT/LON: 40.585559/-108.998892
Agency: 11NPSWRD
Date Created: 10/13/99
Location: RIPPLING SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_89
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7360
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14040106
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CANYON OF LODORE SOUTH CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/98-06/15/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/15/98-06/15/98	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/15/98-06/15/98	1	910.	910.	910.	910.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/98-06/15/98	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/15/98-06/15/98	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/15/98-06/15/98	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/98-06/15/98	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/98-06/15/98	1	391.	391.	391.	391.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/98-06/15/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/98-06/15/98	1	520.	520.	520.	520.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/98-06/15/98	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/98-06/15/98	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/98-06/15/98	1	31.6	31.6	31.6	31.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/98-06/15/98	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/98-06/15/98	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/98-06/15/98	1	124.	124.	124.	124.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/15/98-06/15/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/15/98-06/15/98	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/98-06/15/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/98-06/15/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/98-06/15/98	1	390.	390.	390.	390.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/98-06/15/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/15/98-06/15/98	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/15/98-06/15/98	1	6900.	6900.	6900.	6900.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/15/98-06/15/98	1	31.8	31.8	31.8	31.8	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/98-06/15/98	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0123

NPS Station ID: DINO0123 | LAT/LON: 40.499393/-109.010809 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01336 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_37 /NURE_1155420
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE STUNTZ RESERVOIR; CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	1	4100.	4100.	4100.	4100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/77-09/22/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/77-09/22/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/77-09/22/77	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	1	10.71	10.71	10.71	10.71	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0123

				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
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.	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: DINO0124

NPS Station ID: DINO0124 | LAT/LON: 40.544281/-109.012726 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 341.8 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_32
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE JONES HOLE UTAH-COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 341.8; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/81-08/06/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/06/81-08/06/81	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/06/81-08/06/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/81-08/06/81	1	670.	670.	670.	670.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/81-08/06/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0125

NPS Station ID: DINO0125 | LAT/LON: 40.636892/-109.014699 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01158 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_55 /NURE_1155236
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14040106 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14040106 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE HOY MOUNTAIN; CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	700.	700.	700.	700.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	7.21	7.21	7.21	7.21	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0125

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0126

NPS Station ID: DINO0126
LAT/LON: 40.569170/-109.014727
Agency: 11NPSWRD
Date Created: 10/13/99
Location: HACKINGS SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_74
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7460
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/98-06/16/98	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/16/98-06/16/98	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/98-06/16/98	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/16/98-06/16/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/16/98-06/16/98	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/16/98-06/16/98	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/98-06/16/98	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/98-06/16/98	1	204.	204.	204.	204.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/16/98-06/16/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/16/98-06/16/98	1	301.	301.	301.	301.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/16/98-06/16/98	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/98-06/16/98	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/16/98-06/16/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/16/98-06/16/98	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/16/98-06/16/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/16/98-06/16/98	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/16/98-06/16/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/16/98-06/16/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/16/98-06/16/98	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/16/98-06/16/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/16/98-06/16/98	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/98-06/16/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/16/98-06/16/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/16/98-06/16/98	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/16/98-06/16/98	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/16/98-06/16/98	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: DINO0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0127

NPS Station ID: DINO0127
LAT/LON: 40.493892/-109.018059
Agency: 11NPSWRD
Date Created: 10/13/99
Location: POOL SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_24
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5480
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE STUNTZ RESERVOIR CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	1	673.	673.	673.	673.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	1	313.	313.	313.	313.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	1	7.51	7.51	7.51	7.51	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/97-07/24/97	1	7.51	7.51	7.51	7.51	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/97-07/24/97	1	0.031	0.031	0.031	0.031	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	269.	269.	269.	269.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	1	36.6	36.6	36.6	36.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	1	4900.	4900.	4900.	4900.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	1	178.	178.	178.	178.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0128

NPS Station ID: DINO0128
LAT/LON: 40.535642/-109.020865
Agency: 11NPSWRD
Date Created: 05/30/98
Location: GREEN RIVER; 112.2 KM BELOW DAM
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USU_G3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE JONES HOLE; CO-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON THE GREEN RIVER 112.2 KILOMETERS BELOW THE FLAMING GORGE DAM AND 8 KILOMETERS BELOW THE MOUTH OF THE YAMPA. THIS SITE IS WITHIN THE DINOSAUR NATIONAL MONUMENT'S BOUNDARY. DATA FOR THIS SITE ORIGINATE FROM THE REPORT; "AN ECOLOGICAL CHARACTERIZATION OF THE YAMPA AND GREEN RIVER IN DINOSAUR NATIONAL MONUMENT" BY J.M. NEUHOLD AND T.C. ANNEAR; UTAH STATE UNIVERSITY; APRIL 1981. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT DINOSAUR NATIONAL MONUMENT 4545 HIGHWAY 40; DINOSAUR; CO 81610-9724. TEL (970)374-3000. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS CO 80525. TEL (970)225-3516.

Parameter Inventory for Station: DINO0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	8	12.8	12.788	20.	3.9	36.004	6.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	5	176.	133.8	257.	25.	10839.7	104.114	**	**	**	**
85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	15	16.	20.033	54.	4.	223.981	14.966	4.3	8.	28.	46.2

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

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

Station Inventory for Station: DINO0129

NPS Station ID: DINO0129
LAT/LON: 40.493615/-109.021392
Agency: 11NPSWRD
Date Created: 10/13/99
Location: POOL CREEK SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_25
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5480
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE STUNTZ RESERVOIR CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/97-07/24/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/97-07/24/97	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	191.	191.	191.	191.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	278.	278.	278.	278.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	1	41.3	41.3	41.3	41.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	1	4700.	4700.	4700.	4700.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	1	186.	186.	186.	186.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0130

NPS Station ID: DINO0130
LAT/LON: 40.493615/-109.021392
Agency: 112WRD
Date Created: 02/28/78
Location: S(B- 6-103) 7BBB-S1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403001109011500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 14050002064600.00
RF3 Mile Point: 0.55
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/67-09/13/67	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/67-09/13/67	1	437.	437.	437.	437.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/13/67-09/13/67	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/13/67-09/13/67	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/13/67-09/13/67	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/13/67-09/13/67	1	244.	244.	244.	244.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/13/67-09/13/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/67-09/13/67	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/67-09/13/67	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/67-09/13/67	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/67-09/13/67	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/13/67-09/13/67	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/13/67-09/13/67	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/13/67-09/13/67	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/67-09/13/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/67-09/13/67	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/67-09/13/67	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/67-09/13/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/13/67-09/13/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/67-09/13/67	1	248.	248.	248.	248.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/13/67-09/13/67	1	259.	259.	259.	259.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/13/67-09/13/67	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/13/67-09/13/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - 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: DINO0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0131

NPS Station ID: DINO0131
LAT/LON: 40.364448/-109.024449
Agency: 112WRD
Date Created: 02/28/78
Location: S(B- 5-104)24DDD- 1
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402152109012801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 14050002001400.69
RF3 Mile Point: 2.17
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/73-05/18/73	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/18/73-05/18/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/18/73-05/18/73	1	506.	506.	506.	506.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/18/73-05/18/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/18/73-05/18/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/73-05/18/73	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/18/73-05/18/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/18/73-05/18/73	1	215.	215.	215.	215.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/18/73-05/18/73	1	262.	262.	262.	262.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/18/73-05/18/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/18/73-05/18/73	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/18/73-05/18/73	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/18/73-05/18/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/18/73-05/18/73	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/18/73-05/18/73	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/18/73-05/18/73	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/18/73-05/18/73	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/18/73-05/18/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/18/73-05/18/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/18/73-05/18/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/18/73-05/18/73	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/73-05/18/73	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/18/73-05/18/73	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/18/73-05/18/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/18/73-05/18/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/18/73-05/18/73	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/18/73-05/18/73	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/18/73-05/18/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/18/73-05/18/73	1	303.	303.	303.	303.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/18/73-05/18/73	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/18/73-05/18/73	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
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: DINO0132

NPS Station ID: DINO0132
LAT/LON: 40.537227/-109.024726
Agency: 11NPSWRD
Date Created: 10/13/99
Location: MILE 221 RIVER LEFT SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_51
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5040
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/04/97-08/04/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	1	2390.	2390.	2390.	2390.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/97-08/04/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/97-08/04/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	1	314.	314.	314.	314.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	1	455.	455.	455.	455.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	1	44.5	44.5	44.5	44.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	1	166.	166.	166.	166.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	1	4700.	4700.	4700.	4700.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	1	31.	31.	31.	31.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	1	984.	984.	984.	984.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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	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			
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			
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: DINO0133

NPS Station ID: DINO0133 | LAT/LON: 40.534726/-109.024726 | Agency: 11NPSWRD | Date Created: 10/13/99
Location: MILE 221 RIVER RIGHT SPRING | | FIPS State/County: 08081 COLORADO/MOFFAT |
Station Type: /TYPA/AMBNT/SPRING | | STORET Station ID(s): DINO_CSU_52 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | | |
HUC: 14060001 | Depth of Water: 0 | Aquifer: |
Major Basin: COLORADO RIVER | Elevation: 5040 | Water Body Id: |
Minor Basin: GREEN RIVER | | ECO Region: |
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:

Description:
THE STATION IS LOCATED ON THE JONES HOLE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/97-08/04/97	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/04/97-08/04/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/04/97-08/04/97	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	1	416.	416.	416.	416.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/04/97-08/04/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/97-08/04/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/97-08/04/97	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	1	111.	111.	111.	111.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/97-08/04/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/97-08/04/97	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/97-08/04/97	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/97-08/04/97	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/97-08/04/97	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/97-08/04/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/97-08/04/97	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/97-08/04/97	1	36.1	36.1	36.1	36.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/97-08/04/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/04/97-08/04/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/04/97-08/04/97	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/97-08/04/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/97-08/04/97	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/97-08/04/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/97-08/04/97	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/04/97-08/04/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/97-08/04/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/04/97-08/04/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/97-08/04/97	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/04/97-08/04/97	1	4900.	4900.	4900.	4900.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/04/97-08/04/97	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/97-08/04/97	1	171.	171.	171.	171.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/97-08/04/97	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/04/97-08/04/97	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0134

NPS Station ID: DINO0134 | LAT/LON: 40.297198/-109.028893 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00806 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_31 /NURE_1155336
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SNAKE JOHN REEF; CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/77-09/22/77	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/77-09/22/77	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/77-09/22/77	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	1	20.02	20.02	20.02	20.02	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	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: DINO0135

NPS Station ID: DINO0135 | LAT/LON: 40.660309/-109.029699 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01159 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_58 /NURE_1155237
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14040106 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14040106 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE HOY MOUNTAIN; CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/78-08/09/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/78-08/09/78	1	550.	550.	550.	550.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/09/78-08/09/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/09/78-08/09/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/78-08/09/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/09/78-08/09/78	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0135

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0136

NPS Station ID: DINO0136
LAT/LON: 40.513892/-109.030004
Agency: 11NPSWRD
Date Created: 10/13/99
Location: HOGAN SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_31
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7240
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	1	15.3	15.3	15.3	15.3	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	1	7.48	7.48	7.48	7.48	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/97-07/24/97	1	7.48	7.48	7.48	7.48	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/97-07/24/97	1	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	282.	282.	282.	282.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	295.	295.	295.	295.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	1	214.	214.	214.	214.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0137

NPS Station ID: DINO0137 | LAT/LON: 40.303615/-109.032198 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00809 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_28 /NURE_1155338
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SNAKE JOHN REEF; CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/78-08/16/78	1	15.2	15.2	15.2	15.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/78-08/16/78	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/78-08/16/78	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/78-08/16/78	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/78-08/16/78	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/16/78-08/16/78	1	2.81	2.81	2.81	2.81	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: DINO0137

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0138

NPS Station ID: DINO0138 | LAT/LON: 40.300309/-109.032503 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00807 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_29 /NURE_1155337
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SNAKE JOHN REEF; CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/78-08/16/78	1	14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/78-08/16/78	1	305.	305.	305.	305.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/78-08/16/78	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/78-08/16/78	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/78-08/16/78	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/16/78-08/16/78	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: DINO0138

Parameter				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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: DINO0139

NPS Station ID: DINO0139 | LAT/LON: 40.305309/-109.032810 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00808 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_30 /NURE_1155208
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SNAKE JOHN REEF; CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/78-08/02/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/78-08/02/78	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/02/78-08/02/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/02/78-08/02/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/78-08/02/78	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/02/78-08/02/78	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0139

Parameter				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	1	1.00							1	1	1.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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: DINO0140

NPS Station ID: DINO0140
LAT/LON: 40.561392/-109.040282
Agency: 11NPSWRD
Date Created: 10/13/99
Location: BURNT SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_68
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7160
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/98-07/26/98	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/26/98-07/26/98	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/26/98-07/26/98	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/26/98-07/26/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/26/98-07/26/98	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/26/98-07/26/98	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/98-07/26/98	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/26/98-07/26/98	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/26/98-07/26/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/26/98-07/26/98	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/98-07/26/98	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/98-07/26/98	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/98-07/26/98	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/98-07/26/98	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/26/98-07/26/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/26/98-07/26/98	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/26/98-07/26/98	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/26/98-07/26/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/26/98-07/26/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/98-07/26/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/26/98-07/26/98	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/26/98-07/26/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/26/98-07/26/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/26/98-07/26/98	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/26/98-07/26/98	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/26/98-07/26/98	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0140

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0141

NPS Station ID: DINO0141 | LAT/LON: 40.540031/-109.043226 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 339.8 | FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_33
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE JONES HOLE UTAH-COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 339.8; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/81-05/18/81	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/18/81-05/18/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/81-05/18/81	1	650.	650.	650.	650.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/81-05/18/81	1	375.	375.	375.	375.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/18/81-05/18/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0142

NPS Station ID: DINO0142
LAT/LON: 40.523615/-109.044726
Agency: 11NPSWRD
Date Created: 10/13/99
Location: HARPER'S CORNER SPRING
FIPS State/County: 08081 COLORADO/MOFFAT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_18
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7440
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	1	419.	419.	419.	419.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	1	7.79	7.79	7.79	7.79	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/97-07/24/97	1	7.79	7.79	7.79	7.79	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/97-07/24/97	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	269.	269.	269.	269.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	1	0.04	0.04	0.04	0.04	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

Parameter Inventory for Station: DINO0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	1	85.	85.	85.	85.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	1	220.	220.	220.	220.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0143

NPS Station ID: DINO0143
LAT/LON: 40.540000/-109.048830
Agency: 21UTAH
Date Created: 11/09/77
Location: GREEN R AT UT/CO BORDER
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493798
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/77-09/13/77	5	9.	8.4	11.	4.	7.3	2.702	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-09/13/77	5	730.	736.	800.	700.	1730.	41.593	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/25/77-04/25/77	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/25/77-09/13/77	4	8.7	8.7	9.	8.4	0.087	0.294	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/25/77-09/13/77	4	8.655	8.629	9.	8.4	0.093	0.306	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/77-09/13/77	4	0.002	0.002	0.004	0.001	0.	0.001	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/22/77-09/13/77	5	70.	164.2	460.	11.	35253.2	187.758	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/22/77-09/13/77	5	1.845	1.906	2.663	1.041	0.41	0.641	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			80.594								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/25/77-09/13/77	4	31.5	40.75	93.	7.	1394.917	37.349	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/25/77-09/13/77	4	1.482	1.444	1.968	0.845	0.222	0.471	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			27.819								

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

EPA Water Quality Criteria Analysis for Station: DINO0143

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	4	1	0.25	1	0	0.00	1	1	1.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			

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

Station Inventory for Station: DINO0144

NPS Station ID: DINO0144
LAT/LON: 40.673615/-109.050837
Agency: 112WRD
Date Created: / /
Location: POT CREEK NEAR VERNAL, UTAH
FIPS State/County: 49009 UTAH/DAGGETT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09235800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14040106
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14040106056
RF1 Mile Point: 8.090
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14040106001008.12
RF3 Mile Point: 8.12
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/71-05/05/82	57	9.	8.951	19.5	0.	40.321	6.35	0.5	2.75	15.	17.2
00060	FLOW, STREAM, MEAN DAILY CFS	08/02/71-07/08/74	18	0.7	12.027	88.	0.05	651.284	25.52	0.05	0.1	6.5	65.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	63	0.04	3.808	99.	0.	201.575	14.198	0.	0.	0.3	6.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/71-05/05/82	57	360.	377.544	630.	25.	17264.395	131.394	218.	280.	480.	548.

** - Less than 9 observations ## - 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. **********

Annual Analysis for 1974 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**

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

Annual Analysis for 1975 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	5	0.4	10.16	37.	0.1	255.533	15.985	**	**	**	**

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

Annual Analysis for 1976 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	10	0.115	0.871	3.	0.01	1.624	1.274	0.011	0.02	2.25	3.

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

Annual Analysis for 1977 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	5	0.04	0.048	0.1	0.	0.001	0.036	**	**	**	**

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

Annual Analysis for 1978 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	10	0.	0.712	7.	0.	4.882	2.21	0.	0.	0.04	6.31

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

Annual Analysis for 1979 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	6	0.	0.15	0.7	0.	0.079	0.281	**	**	**	**

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

Annual Analysis for 1980 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	9	0.04	17.996	99.	0.	1105.156	33.244	0.	0.005	31.	99.

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

Annual Analysis for 1981 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	9	0.01	0.039	0.1	0.	0.002	0.045	0.	0.	0.09	0.1

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

Annual Analysis for 1982 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	7	0.2	1.357	6.	0.	5.373	2.318	**	**	**	**

** - 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 box-and-whisker plot

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/71-05/05/82	19	4.	4.053	16.	0.	18.664	4.32	0.	0.5	6.	12.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	22	0.025	0.191	2.	0.	0.204	0.452	0.	0.	0.125	0.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/71-05/05/82	20	480.	430.25	630.	25.	22606.513	150.355	231.	330.	535.	598.

** - Less 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: 3/01 to 5/31 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/71-05/05/82	28	10.75	9.918	18.5	0.	32.604	5.71	0.63	4.75	15.	16.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	22	0.2	9.634	99.	0.	530.31	23.028	0.013	0.055	3.75	36.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/71-05/05/82	27	350.	362.037	580.	175.	14363.96	119.85	199.	290.	450.	548.

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/71-05/05/82	10	17.	15.55	19.5	10.	13.803	3.715	10.	12.25	19.	19.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-08/16/82	19	0.	1.249	13.	0.	10.992	3.315	0.	0.	0.03	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/71-05/05/82	10	280.	314.	480.	225.	6821.111	82.59	227.5	261.25	350.	476.

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

Station Inventory for Station: DINO0145

NPS Station ID: DINO0145 | LAT/LON: 40.560310/-109.051892 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01477 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_38 /NURE_1155463
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE JONES HOLE; UT. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/78-07/02/78	1	15.2	15.2	15.2	15.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/78-07/02/78	1	121.	121.	121.	121.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/02/78-07/02/78	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: DINO0145

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0146

NPS Station ID: DINO0146 LAT/LON: 40.678500/-109.054160 Agency: 21UTAH Date Created: / /
Location: POT CK NR STATELINE AND GAGING STATION FIPS State/County: 49009 UTAH/DAGGETT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 493961
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14040106 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 28.00 On/Off RF1:
RF3 Index: 14040109001603.27 RF3 Mile Point: 4.77 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/77-06/22/77	3	12.	12.	16.	8.	16.	4.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/18/77-06/22/77	3	460.	460.	520.	400.	3600.	60.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/19/77-06/22/77	2	8.3	8.3	8.5	8.1	0.08	0.283	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/19/77-06/22/77	2	8.255	8.255	8.5	8.1	0.084	0.29	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/77-06/22/77	2	0.006	0.006	0.008	0.003	0.	0.003	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/18/77-06/22/77	3	460.	14517.667	43000.	93.	608466156.333	24667.107	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/18/77-06/22/77	3	2.663	3.088	4.633	1.968	1.911	1.383	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1225.283								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/18/77-06/22/77	3	4.	52.667	150.	4.	7105.333	84.293	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/18/77-06/22/77	3	0.602	1.127	2.176	0.602	0.826	0.909	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			13.389								

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

EPA Water Quality Criteria Analysis for Station: DINO0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	3	1	0.33				2	0	0.00	1	1	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	0	0.00				2	0	0.00	1	0	0.00			

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

Station Inventory for Station: DINO0147

NPS Station ID: DINO0147
LAT/LON: 40.584171/-109.056115
Agency: 11NPSWRD
Date Created: 10/13/99
Location: JONES HOLE CREEK SE OF HATCHERY
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_CSU_05
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5480
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE OUTSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/05/97-08/05/97	1	793.	793.	793.	793.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	1	365.	365.	365.	365.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/97-08/05/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/97-08/05/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	188.	188.	188.	188.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	1	150.	150.	150.	150.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0148

NPS Station ID: DINO0148 | LAT/LON: 40.566698/-109.056115 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01480 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_32 /NURE_1155465
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE JONES HOLE; UT. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	640.	640.	640.	640.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	1.78	1.78	1.78	1.78	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0149

NPS Station ID: DINO0149
LAT/LON: 40.587500/-109.056660
Agency: 21UTAH
Date Created: 03/24/79
Location: JONES HOLE CK BL FISH HATCHERY
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493794
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001020
RF1 Mile Point: 3.370
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14060002001406.24
RF3 Mile Point: 6.24
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-06/08/78	2	12.5	12.5	14.	11.	4.5	2.121	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/78-06/08/78	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/77-06/08/78	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/04/77-08/04/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/77-06/08/78	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/77-06/08/78	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/77-06/08/78	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/78-06/08/78	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/78-06/08/78	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/78-06/08/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/77-08/04/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/78-06/08/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/77-06/08/78	2	0.06	0.06	0.08	0.04	0.001	0.028	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/77-06/08/78	2	10.	10.	10.	10.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/04/77-06/08/78	2	1211.5	1211.5	2400.	23.	2825064.5	1680.793	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/04/77-06/08/78	2	2.371	2.371	3.38	1.362	2.037	1.427	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			234.947								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/78-06/08/78	1	930.	930.	930.	930.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/78-06/08/78	1	2.968	2.968	2.968	2.968	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			930.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-06/08/78	2	181.	181.	190.	172.	162.	12.728	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------6/01-8/31---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50							2	1	0.50			

& - 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: DINO0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
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: DINO0150

NPS Station ID: DINO0150
LAT/LON: 40.587500/-109.056940
Agency: 21UTAH
Date Created: 11/08/77
Location: JONES HOLE FH
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/LAKE/AGRI/IMPDMT
STORET Station ID(s): 493795
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14060001002300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-10/01/96	39	12.5	12.826	16.1	10.7	1.791	1.338	11.2	11.8	13.6	14.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/78-08/17/94	18	27.25	23.783	33.4	5.6	53.569	7.319	11.36	18.	28.7	29.89
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/31/78-08/31/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/80-10/01/96	35	329.	323.857	374.	238.	628.067	25.061	303.6	311.	335.	351.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/78-08/31/78	2	280.	280.	310.	250.	1800.	42.426	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/14/85-08/14/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/78-10/01/96	34	7.15	7.147	11.6	4.5	2.115	1.454	5.3	6.175	7.925	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/77-10/01/96	10	1.25	1.35	2.	1.	0.169	0.412	1.	1.	1.625	2.
00335	COD, .025N K2CR2O7 MG/L	08/04/77-08/30/79	2 ##	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/77-09/01/82	6	8.	7.967	8.3	7.7	0.055	0.234	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/77-09/01/82	6	8.	7.916	8.3	7.7	0.058	0.24	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/77-09/01/82	6	0.01	0.012	0.02	0.005	0.	0.006	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/78-08/14/85	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/78-10/01/96	38	7.75	7.734	8.5	6.9	0.097	0.311	7.3	7.5	7.925	8.1
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/78-10/01/96	38	7.747	7.616	8.5	6.9	0.111	0.334	7.3	7.5	7.925	8.1
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/78-10/01/96	38	0.018	0.024	0.126	0.003	0.001	0.023	0.008	0.012	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/78-08/14/85	2	157.	157.	162.	152.	50.	7.071	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/78-08/14/85	2	190.	190.	198.	182.	128.	11.314	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/14/85-08/14/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/79-10/01/96	36	0.	2.222	43.	0.	57.378	7.575	0.	0.	0.	6.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/77-06/03/81	5	0.1	0.08	0.1	0.05	0.001	0.027	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/77-08/31/78	2	0.725	0.725	0.75	0.7	0.001	0.035	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-06/03/81	5	0.1	0.15	0.3	0.05	0.01	0.1	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/78-06/03/81	5	0.6	0.51	0.75	0.05	0.072	0.268	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/77-06/03/81	6	0.055	0.139	0.55	0.025	0.041	0.204	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/77-06/08/78	2	10.5	10.5	18.	3.	112.5	10.607	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/78-08/31/78	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/78-08/31/78	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/78-08/31/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/78-08/31/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/78-08/31/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/31/78-08/31/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/31/78-08/31/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/78-08/31/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/78-08/31/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/78-08/31/78	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/04/77-10/01/80	5	430.	4184.	11000.	40.	30042430.	5481.098	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/04/77-10/01/80	5	2.633	2.884	4.041	1.602	1.181	1.087	**	**	**	**

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

Parameter Inventory for Station: DINO0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			766.124								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/78-10/01/80	4 ##	470.75	1313.25	4300.	11.5	4152220.75	2037.7	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/78-10/01/80	4 ##	2.015	2.181	3.633	1.061	1.747	1.322	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			151.648								
50051	FLOW, RATE, INSTANTANEOUS MGD	06/29/94-06/29/94	1	18.7	18.7	18.7	18.7	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	11/18/92-10/01/96	4	0.	0.	0.	0.	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	11/18/92-10/01/96	4	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-10/01/96	8	178.	195.25	312.	174.	2239.929	47.328	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/31/78-08/31/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-08/31/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/31/78-08/31/78	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-08/31/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/31/78-08/31/78	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: DINO0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	34	0	0.00	11	0	0.00	5	0	0.00	18	0	0.00			
00400	PH	Fresh Chronic	9.	6	0	0.00	1	0	0.00				5	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00				5	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	38	0	0.00	12	0	0.00	6	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	38	0	0.00	12	0	0.00	6	0	0.00	20	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00				4	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	5	2	0.40	1	0	0.00				4	2	0.50			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	2	0.50	1	0	0.00				3	2	0.67			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00							1	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-10/01/96	12	12.25	12.142	13.5	10.9	0.552	0.743	10.99	11.625	12.5	13.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/78-08/17/94	5	29.	28.36	33.4	21.3	19.253	4.388	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/80-10/01/96	12	324.5	320.917	374.	254.	830.629	28.821	268.7	307.5	333.75	365.3
00300	OXYGEN, DISSOLVED MG/L	08/31/78-10/01/96	11	7.2	7.445	9.4	5.6	1.911	1.382	5.64	6.2	8.6	9.4
00406	PH, FIELD, STANDARD UNITS SU	06/08/78-10/01/96	12	7.8	7.858	8.5	7.4	0.083	0.287	7.46	7.7	8.	8.38
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/78-10/01/96	12	7.789	7.782	8.5	7.4	0.089	0.298	7.46	7.7	8.	8.38
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/78-10/01/96	12	0.016	0.017	0.04	0.003	0.	0.01	0.005	0.01	0.02	0.035
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/79-10/01/96	12	0.	5.417	43.	0.	159.72	12.638	0.	0.	6.	34.3

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-10/01/96	6	12.1	12.217	14.1	10.7	1.23	1.109	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/78-08/17/94	3	18.	17.033	27.5	5.6	120.603	10.982	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/80-10/01/96	6	328.5	313.5	333.	238.	1378.7	37.131	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/78-10/01/96	5	5.	5.8	8.	4.5	2.455	1.567	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/78-10/01/96	6	7.5	7.533	8.	7.1	0.107	0.327	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/78-10/01/96	6	7.5	7.438	8.	7.1	0.117	0.343	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/78-10/01/96	6	0.032	0.036	0.079	0.01	0.001	0.025	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/79-10/01/96	6	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-10/01/96	21	13.2	13.39	16.1	11.	2.066	1.437	11.52	12.4	14.3	15.84
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/78-08/17/94	10	27.	23.52	29.	12.	38.926	6.239	12.3	17.25	28.	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/80-10/01/96	17	334.	329.588	357.	304.	251.132	15.847	307.2	317.5	337.5	356.2
00300	OXYGEN, DISSOLVED MG/L	08/31/78-10/01/96	18	7.2	7.339	11.6	5.6	1.773	1.332	5.6	6.65	7.825	8.63
00406	PH, FIELD, STANDARD UNITS SU	06/08/78-10/01/96	20	7.8	7.72	8.2	6.9	0.09	0.3	7.31	7.525	7.9	8.09
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/78-10/01/96	20	7.8	7.599	8.2	6.9	0.106	0.325	7.31	7.525	7.9	8.09
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/78-10/01/96	20	0.016	0.025	0.126	0.006	0.001	0.026	0.008	0.013	0.03	0.049
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/79-10/01/96	18	0.	0.833	6.	0.	3.794	1.948	0.	0.	0.	5.1

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

Station Inventory for Station: DINO0151

NPS Station ID: DINO0151
LAT/LON: 40.583059/-109.058060
Agency: 11BSF&W
Date Created: / /
Location: JONES HOLE NFH BISHOP CREEK
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 231315
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER 11
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER BASIN 06
ECO Region:
RF1 Index: 14060001020
RF1 Mile Point: 3.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14060001002002.69
RF3 Mile Point: 2.78
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	05/19/71-04/13/72	12	8.55	8.392	9.	7.3	0.254	0.504	7.36	8.25	8.7	8.91
00310	BOD, 5 DAY, 20 DEG C MG/L	05/19/71-04/13/72	12	1.95	2.125	3.5	1.5	0.335	0.579	1.5	1.8	2.5	3.26
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	12	180.	177.25	199.	164.	126.568	11.25	164.3	166.25	184.5	195.7
00500	RESIDUE, TOTAL (MG/L)	05/19/71-04/13/72	12	180.	176.917	185.	164.	40.083	6.331	164.9	173.	180.	184.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/19/71-04/13/72	12	9.	8.75	18.	3.	25.659	5.065	3.	4.	12.75	17.1
00545	RESIDUE, SETTLEABLE (ML/L)	05/19/71-04/13/72	8	1.5	3.038	16.	0.1	28.603	5.348	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.095	0.094	0.17	0.03	0.002	0.049	0.033	0.05	0.145	0.167
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.1	0.228	1.1	0.03	0.091	0.301	0.03	0.058	0.335	0.887
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.385	0.413	0.88	0.15	0.057	0.24	0.162	0.208	0.528	0.862
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/71-04/13/72	12	0.56	0.69	1.09	0.4	0.076	0.275	0.4	0.435	0.988	1.081
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/19/71-04/13/72	12	0.5	0.462	0.88	0.12	0.053	0.231	0.135	0.225	0.615	0.826
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/19/71-04/13/72	12	0.055	0.086	0.34	0.02	0.008	0.088	0.023	0.04	0.098	0.283
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	12	165.	168.667	185.	158.	57.879	7.608	159.2	164.25	175.5	182.3
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/19/71-04/13/72	12	44.	84.75	320.	15.	8247.659	90.817	15.	15.	142.5	269.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	05/19/71-04/13/72	12	1.634	1.702	2.505	1.176	0.225	0.474	1.176	1.176	2.152	2.406
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			50.296								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: DINO0151

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	1	0.08	6	0	0.00	3	0	0.00	3	1	0.33			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			

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

Station Inventory for Station: DINO0152

NPS Station ID: DINO0152 | LAT/LON: 40.565003/-109.058115 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01479 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_35 /NURE_1155464
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE JONES HOLE; UT. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/77-09/22/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/77-09/22/77	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/77-09/22/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/77-09/22/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/77-09/22/77	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/77-09/22/77	1	29.4	29.4	29.4	29.4	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: DINO0152

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	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: DINO0153

NPS Station ID: DINO0153
LAT/LON: 40.589448/-109.058337
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 3-25) 1BDA-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403522109033001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16020204
RF1 Mile Point: 0.000
Distance from RF1: 5.20
On/Off RF1:
RF3 Index: 14060002001106.34
RF3 Mile Point: 6.92
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/65-07/30/68	2	13.4	13.4	14.	12.8	0.72	0.849	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/30/68-07/30/68	1	16600.	16600.	16600.	16600.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/65-07/30/68	2	317.	317.	317.	317.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/65-09/10/65	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/65-07/30/68	2	7.75	7.75	7.9	7.6	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/65-07/30/68	2	7.725	7.725	7.9	7.6	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/65-07/30/68	2	0.019	0.019	0.025	0.013	0.	0.009	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/10/65-09/10/65	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/65-07/30/68	2	162.5	162.5	164.	161.	4.5	2.121	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/10/65-07/30/68	2	198.	198.	200.	196.	8.	2.828	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/10/65-07/30/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/65-07/30/68	2	169.5	169.5	171.	168.	4.5	2.121	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/65-07/30/68	2	7.	7.	10.	4.	18.	4.243	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/65-07/30/68	2	42.5	42.5	46.	39.	24.5	4.95	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/65-07/30/68	2	15.5	15.5	17.	14.	4.5	2.121	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/65-07/30/68	2	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/10/65-07/30/68	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/65-07/30/68	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/65-07/30/68	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/65-07/30/68	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/65-07/30/68	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/65-07/30/68	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/10/65-07/30/68	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/65-07/30/68	2	174.	174.	180.	168.	72.	8.485	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/10/65-07/30/68	2	180.	180.	181.	179.	2.	1.414	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/65-07/30/68	2	2.15	2.15	2.6	1.7	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: DINO0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	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			

& - 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: DINO0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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			
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: DINO0154

NPS Station ID: DINO0154
LAT/LON: 40.583338/-109.058337
Agency: 11BSF&W
Date Created: / /
Location: JONES HOLE NFH BISHOP CREEK
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 231313
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER 11
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER BASIN 06
ECO Region:
RF1 Index: 14060001020
RF1 Mile Point: 3.370
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14060001002002.69
RF3 Mile Point: 2.83
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	05/19/71-04/13/72	12	7.8	7.742	8.9	6.8	0.255	0.505	6.92	7.45	7.9	8.63
00310	BOD, 5 DAY, 20 DEG C MG/L	05/19/71-04/13/72	12	4.55	5.742	12.2	3.2	7.45	2.729	3.29	3.9	7.775	11.24
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	12	165.	164.417	168.	160.	7.356	2.712	160.	162.	165.75	168.
00500	RESIDUE, TOTAL (MG/L)	05/19/71-04/13/72	12	181.	181.	188.	163.	47.636	6.902	166.9	179.25	187.25	188.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/19/71-04/13/72	12	15.5	18.167	33.	11.	51.606	7.184	11.3	12.25	24.25	31.2
00545	RESIDUE, SETTLEABLE (ML/L)	05/19/71-04/13/72	7	6.	8.071	33.	0.2	128.349	11.329	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.395	0.353	0.65	0.12	0.029	0.17	0.129	0.203	0.498	0.608
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.14	0.134	0.26	0.05	0.004	0.059	0.053	0.083	0.158	0.242
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.43	0.432	0.66	0.18	0.015	0.121	0.222	0.365	0.5	0.627
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/71-04/13/72	12	0.935	0.97	1.6	0.5	0.11	0.332	0.53	0.715	1.1	1.57
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/19/71-04/13/72	12	0.66	0.654	1.4	0.17	0.144	0.38	0.179	0.32	0.86	1.325
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/19/71-04/13/72	12	0.075	0.087	0.2	0.02	0.003	0.058	0.023	0.033	0.143	0.185
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	12	169.	169.417	182.	160.	42.811	6.543	161.2	165.	173.	181.4
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/19/71-04/13/72	12	260.	245.5	530.	32.	28627.364	169.196	33.2	79.5	368.75	500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	05/19/71-04/13/72	12	2.393	2.242	2.724	1.505	0.18	0.425	1.52	1.898	2.567	2.697
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			174.768								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: DINO0154

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			

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

Station Inventory for Station: DINO0155

NPS Station ID: DINO0155
LAT/LON: 40.583281/-109.058281
Agency: 11BSF&W
Date Created: / /
Location: JONES HOLE NFH BISHOP CREEK
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 231314
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER 11
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER BASIN 06
ECO Region:
RF1 Index: 14060001020
RF1 Mile Point: 3.370
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14060001002002.69
RF3 Mile Point: 2.83
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	05/19/71-04/13/72	12	7.85	7.825	8.3	7.3	0.108	0.328	7.36	7.525	8.075	8.3
00310	BOD, 5 DAY, 20 DEG C MG/L	05/19/71-04/13/72	12	2.9	2.992	5.	1.9	0.706	0.84	1.96	2.3	3.425	4.61
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	12	169.5	173.25	193.	160.	177.114	13.308	160.	160.	187.25	192.1
00500	RESIDUE, TOTAL (MG/L)	05/19/71-04/13/72	12	180.	178.917	186.	164.	40.992	6.403	166.4	175.	183.75	185.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/19/71-04/13/72	12	12.	12.333	22.	5.	28.97	5.382	5.6	8.	15.75	21.4
00545	RESIDUE, SETTLEABLE (ML/L)	05/19/71-04/13/72	7	3.	5.029	23.	0.1	65.002	8.062	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.165	0.233	0.6	0.1	0.031	0.177	0.1	0.108	0.283	0.594
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.1	0.092	0.2	0.01	0.003	0.052	0.01	0.06	0.115	0.179
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.29	0.336	0.6	0.16	0.019	0.139	0.169	0.215	0.44	0.576
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/71-04/13/72	12	0.705	0.695	0.91	0.46	0.019	0.137	0.487	0.563	0.808	0.883
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/19/71-04/13/72	12	0.57	0.568	0.99	0.2	0.072	0.268	0.2	0.298	0.813	0.963
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/19/71-04/13/72	12	0.12	0.198	0.75	0.05	0.048	0.219	0.053	0.078	0.178	0.69
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	12	165.5	165.417	170.	158.	15.902	3.988	158.	164.25	168.	170.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/19/71-04/13/72	12	54.5	67.083	250.	15.	4256.265	65.24	16.8	23.	75.	208.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	05/19/71-04/13/72	12	1.703	1.68	2.398	1.176	0.132	0.363	1.22	1.362	1.875	2.291
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			47.819								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: DINO0155

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			

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

Station Inventory for Station: DINO0156

NPS Station ID: DINO0156
LAT/LON: 40.583476/-109.058476
Agency: 11BSF&W
Date Created: / /
Location: JONES HOLE NFH BISHOP CREEK
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 231311
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER 11
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER BASIN 06
ECO Region:
RF1 Index: 14060001020
RF1 Mile Point: 3.370
Distance from RF1: 12.40
On/Off RF1: OFF
RF3 Index: 14060002010200.00
RF3 Mile Point: 0.08
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	05/19/71-04/13/72	12	7.05	7.042	7.1	6.9	0.004	0.067	6.93	7.	7.1	7.1
00310	BOD, 5 DAY, 20 DEG C MG/L	05/19/71-04/13/72	12	0.4	0.475	0.8	0.	0.062	0.249	0.06	0.325	0.7	0.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	12	159.	157.917	165.	146.	35.538	5.961	146.6	155.25	162.75	164.7
00500	RESIDUE, TOTAL (MG/L)	05/19/71-04/13/72	12	171.5	168.	177.	151.	74.364	8.623	153.1	160.	175.	176.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/19/71-04/13/72	12	1.	1.333	3.	1.	0.424	0.651	1.	1.	1.75	2.7
00545	RESIDUE, SETTLEABLE (ML/L)	05/19/71-04/13/72	7	0.4	0.9	4.	0.1	1.933	1.39	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.045	0.058	0.15	0.01	0.002	0.045	0.01	0.023	0.085	0.144
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.015	0.018	0.03	0.01	0.	0.009	0.01	0.01	0.03	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/71-04/13/72	12	0.11	0.16	0.41	0.04	0.016	0.125	0.043	0.053	0.25	0.386
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/71-04/13/72	12	0.21	0.279	0.65	0.08	0.031	0.175	0.086	0.125	0.388	0.605
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/19/71-04/13/72	12	0.14	0.122	0.19	0.03	0.003	0.054	0.036	0.065	0.16	0.187
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/19/71-04/13/72	12	0.035	0.038	0.1	0.01	0.001	0.031	0.01	0.01	0.05	0.097
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/71-04/13/72	12	162.	162.25	171.	150.	41.477	6.44	150.9	158.5	168.	170.7
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/19/71-04/13/72	12	6.5	8.667	30.	0.	81.879	9.049	0.	0.75	15.	25.5
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	05/19/71-04/13/72	12	0.739	0.703	1.477	0.	0.28	0.529	0.	0.119	1.176	1.387
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			5.047								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/71-04/13/72	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: DINO0156

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			

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

Station Inventory for Station: DINO0157

NPS Station ID: DINO0157
LAT/LON: 40.590559/-109.059170
Agency: 112WRD
Date Created: 03/31/84
Location: (D-3-25)01 BDA-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403526109033301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 1.80
On/Off RF1:
RF3 Index: 14060002045200.00
RF3 Mile Point: 0.13
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/83-10/25/83	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/25/83-10/25/83	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/83-10/25/83	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/25/83-10/25/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/25/83-10/25/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/83-10/25/83	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/25/83-10/25/83	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/25/83-10/25/83	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/83-10/25/83	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/83-10/25/83	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/25/83-10/25/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/25/83-10/25/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/83-10/25/83	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/25/83-10/25/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/25/83-10/25/83	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/83-10/25/83	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/83-10/25/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/25/83-10/25/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/83-10/25/83	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/83-10/25/83	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/83-10/25/83	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/83-10/25/83	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/25/83-10/25/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/25/83-10/25/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/25/83-10/25/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/25/83-10/25/83	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/25/83-10/25/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/25/83-10/25/83	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/25/83-10/25/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/25/83-10/25/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/25/83-10/25/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/25/83-10/25/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/25/83-10/25/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/25/83-10/25/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/25/83-10/25/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/25/83-10/25/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/25/83-10/25/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/25/83-10/25/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/25/83-10/25/83	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/25/83-10/25/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/25/83-10/25/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/25/83-10/25/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/25/83-10/25/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/83-10/25/83	1	167.	167.	167.	167.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	10/25/83-10/25/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/25/83-10/25/83	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: DINO0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									
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.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
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: DINO0158

NPS Station ID: DINO0158
LAT/LON: 40.564727/-109.059449
Agency: 11NPSWRD
Date Created: 10/13/99
Location: ELY FALLS SEEP
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_38
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5140
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	1	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	1	527.	527.	527.	527.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/97-08/05/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/97-08/05/97	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	209.	209.	209.	209.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	254.	254.	254.	254.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	1	28.8	28.8	28.8	28.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	1	5400.	5400.	5400.	5400.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	1	216.	216.	216.	216.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------6/01-8/31---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0159

NPS Station ID: DINO0159
LAT/LON: 40.564727/-109.059449
Agency: 11NPSWRD
Date Created: 10/13/99
Location: ELY CREEK FALLS
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_CSU_35
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5140
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-07/13/98	2	15.35	15.35	16.	14.7	0.845	0.919	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/05/97-07/13/98	2	671.5	671.5	673.	670.	4.5	2.121	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	1	295.	295.	295.	295.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-07/13/98	2	431.5	431.5	489.	374.	6612.5	81.317	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-07/13/98	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/05/97-07/13/98	2	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/97-07/13/98	2	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/97-07/13/98	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-07/13/98	2	180.5	180.5	209.	152.	1624.5	40.305	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-07/13/98	2 ##	0.025	0.025	0.033	0.017	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-07/13/98	2	255.	255.	277.	233.	968.	31.113	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-07/13/98	2	50.5	50.5	51.	50.	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-07/13/98	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-07/13/98	2	5.35	5.35	5.4	5.3	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-07/13/98	2	1.8	1.8	1.9	1.7	0.02	0.141	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-07/13/98	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-07/13/98	2	37.5	37.5	45.	30.	112.5	10.607	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-07/13/98	2	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-07/13/98	2	0.115	0.115	0.2	0.03	0.014	0.12	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-07/13/98	2 ##	0.016	0.016	0.03	0.003	0.	0.019	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-07/13/98	2	2.15	2.15	3.3	1.	2.645	1.626	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-07/13/98	2	215.	215.	220.	210.	50.	7.071	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-07/13/98	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-07/13/98	2	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-07/13/98	2	5000.	5000.	5200.	4800.	80000.	282.843	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-07/13/98	2	12.5	12.5	14.	11.	4.5	2.121	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	1	201.	201.	201.	201.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-07/13/98	2	4.7	4.7	8.9	0.5	35.28	5.94	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
		Drinking Water	250.	2	0	0.00							2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00							2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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							2	0	0.00			
		Drinking Water	5000.	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: DINO0160

NPS Station ID: DINO0160 LAT/LON: 40.590000/-109.059660 Agency: 21UTAH Date Created: 04/10/82
Location: JONES HOLE SP AB JONES HOLE FH (INFLUENT) FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 493796
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: 14060001020 RF1 Mile Point: 3.810 Distance from RF1: 22.50 On/Off RF1: OFF
RF3 Index: 14050007037800.00 RF3 Mile Point: 4.44 Distance from RF3: 0.43 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-10/01/96	17	12.	12.029	14.6	10.9	0.727	0.853	10.98	11.65	12.45	13.08
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/78-08/17/94	9	28.	25.789	29.5	5.	61.326	7.831	5.	27.5	29.	29.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/08/82-10/26/82	4	0.95	1.15	2.	0.7	0.337	0.58	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/78-10/01/96	14	315.	312.714	330.	280.	246.835	15.711	282.5	303.75	325.5	330.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/78-10/26/82	5	315.	318.	325.	310.	45.	6.708	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/78-10/01/96	13	7.6	7.254	8.3	5.8	0.708	0.841	5.88	6.35	7.8	8.22
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/77-06/03/81	6	1.	1.	2.	0.5	0.3	0.548	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/04/77-10/26/82	8 ##	6.25	11.188	50.	4.	248.638	15.768	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/77-08/30/79	4	7.85	7.85	7.9	7.8	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/77-08/30/79	4	7.847	7.847	7.9	7.8	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/77-08/30/79	4	0.014	0.014	0.016	0.013	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/78-10/26/82	6	3.5	4.	8.	2.	5.2	2.28	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/78-10/01/96	16	7.8	7.806	8.2	7.3	0.061	0.246	7.44	7.625	8.	8.13
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/78-10/01/96	16	7.8	7.738	8.2	7.3	0.066	0.256	7.44	7.625	8.	8.13
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/78-10/01/96	16	0.016	0.018	0.05	0.006	0.	0.012	0.007	0.01	0.024	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/78-10/26/82	5	161.	160.8	164.	159.	4.2	2.049	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/78-10/26/82	5	196.	196.	200.	194.	6.	2.449	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/79-11/18/92	9	0.	4.222	24.	0.	76.444	8.743	0.	0.	7.	24.
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/30/79-08/30/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/77-10/26/82	8 ##	0.05	0.356	2.5	0.05	0.75	0.866	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/77-08/31/78	2	0.7	0.7	0.8	0.6	0.02	0.141	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/78-10/26/82	8	0.15	0.206	0.5	0.05	0.023	0.152	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/08/78-10/26/82	9	0.6	0.548	0.75	0.04	0.04	0.201	0.04	0.55	0.645	0.75
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/77-10/26/82	10	0.055	0.119	0.55	0.02	0.028	0.166	0.021	0.025	0.138	0.52
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/77-10/26/82	8	4.6	5.55	14.	0.5	21.909	4.681	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/78-10/26/82	5	171.	170.6	172.	168.	2.8	1.673	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/78-10/26/82	5	44.	43.2	46.	40.	5.2	2.28	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/78-10/26/82	5	15.	15.4	18.	13.	3.3	1.817	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/78-10/26/82	5	3.	3.2	4.	2.	0.7	0.837	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/78-10/26/82	5	1.	0.9	1.	0.5	0.05	0.224	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/31/78-10/26/82	5	2.	2.	3.	1.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/31/78-10/26/82	5	13.	14.2	21.	10.	22.7	4.764	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/78-08/31/78	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/78-08/31/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/78-08/31/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/08/82-10/26/82	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/04/77-10/01/80	4	23.	246.875	930.	11.5	207433.729	455.449	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/04/77-10/01/80	4	1.362	1.688	2.968	1.061	0.749	0.865	**	**	**	**

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

Parameter Inventory for Station: DINO0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			48.771								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/78-08/30/79	3	23.	24.833	40.	11.5	205.583	14.338	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/78-08/30/79	3	1.362	1.341	1.602	1.061	0.074	0.271	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			21.953								
50051	FLOW, RATE, INSTANTANEOUS MGD	06/29/94-06/29/94	1	18.7	18.7	18.7	18.7	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/29/94-10/01/96	3	0.	0.	0.	0.	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/29/94-10/01/96	3	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/77-10/01/96	11	178.	178.455	188.	172.	27.473	5.241	172.	172.	182.	187.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/31/78-08/31/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-10/26/82	5	1.	1.1	1.5	1.	0.05	0.224	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/31/78-10/26/82	5	0.09	0.092	0.12	0.08	0.	0.016	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-10/26/82	5 ##	2.5	5.	15.	2.5	31.25	5.59	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/31/78-10/26/82	4 ##	0.015	0.036	0.1	0.015	0.002	0.043	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-10/26/82	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/08/82-10/26/82	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/31/78-10/26/82	5	10.	15.	25.	5.	87.5	9.354	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	6	0	0.00				7	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00							4	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00							4	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	16	0	0.00	6	0	0.00				10	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00	6	0	0.00				10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	3	0	0.00				6	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	250.	5	0	0.00	2	0	0.00				3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	5	0	0.00	2	0	0.00				3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00				3	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	0	0.00							3	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	50.	5	0	0.00	2	0	0.00				3	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	5	0	0.00	2	0	0.00				3	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00				2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	5	0	0.00	2	0	0.00				3	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	1300.	4	0	0.00	2	0	0.00				2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	15.	4	0	0.00	2	0	0.00				2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	2.	4	0	0.00	2	0	0.00				2	0	0.00			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00			

& - 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: DINO0160

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	5	0	0.00	2	0	0.00				3	0	0.00			
	Drinking Water	5000.	5	0	0.00	2	0	0.00				3	0	0.00			

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

Station Inventory for Station: DINO0161

NPS Station ID: DINO0161
LAT/LON: 40.591115/-109.060559
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 3-25) 1BDB-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403528109033801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16020204
RF1 Mile Point: 0.000
Distance from RF1: 3.50
On/Off RF1:
RF3 Index: 14060001002002.69
RF3 Mile Point: 3.84
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/65-06/13/68	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/65-06/13/68	2	318.5	318.5	320.	317.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/65-09/10/65	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/65-06/13/68	2	7.8	7.8	7.9	7.7	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/65-06/13/68	2	7.789	7.789	7.9	7.7	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/65-06/13/68	2	0.016	0.016	0.02	0.013	0.	0.005	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/10/65-09/10/65	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/65-06/13/68	2	164.	164.	167.	161.	18.	4.243	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/10/65-06/13/68	2	200.	200.	204.	196.	32.	5.657	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/10/65-06/13/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/65-09/10/65	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/65-06/13/68	2	171.5	171.5	172.	171.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/65-06/13/68	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/65-06/13/68	2	42.	42.	46.	38.	32.	5.657	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/65-06/13/68	2	16.	16.	18.	14.	8.	2.828	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/65-06/13/68	2	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/10/65-06/13/68	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/10/65-09/10/65	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/65-06/13/68	2	0.8	0.8	0.9	0.7	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/65-06/13/68	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/65-06/13/68	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/65-06/13/68	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/65-06/13/68	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/10/65-06/13/68	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/65-06/13/68	2	173.	173.	178.	168.	50.	7.071	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/10/65-06/13/68	2	182.5	182.5	184.	181.	4.5	2.121	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/65-06/13/68	2	0.9	0.9	1.7	0.1	1.28	1.131	**	**	**	**
71885	IRON (UG/L AS FE)	06/13/68-06/13/68	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

EPA Water Quality Criteria Analysis for Station: DINO0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	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			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
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: DINO0162

NPS Station ID: DINO0162 | LAT/LON: 40.591392/-109.060810 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01126 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_36 /NURE_1155225
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE JONES HOLE; UT. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/78-08/08/78	1	15.1	15.1	15.1	15.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/78-08/08/78	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/78-08/08/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/78-08/08/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/78-08/08/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/08/78-08/08/78	1	2.88	2.88	2.88	2.88	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0162

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0163

NPS Station ID: DINO0163
LAT/LON: 40.591670/-109.061948
Agency: 11NPSWRD
Date Created: 10/13/99
Location: JONES HOLE CREEK ABOVE HATCHERY
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_CSU_04
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5640
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE OUTSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	1	13.9	13.9	13.9	13.9	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	1	315.	315.	315.	315.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/97-08/05/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/97-08/05/97	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	1	37.	37.	37.	37.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0164

NPS Station ID: DINO0164
LAT/LON: 40.564727/-109.064170
Agency: 11NPSWRD
Date Created: 10/13/99
Location: BIG DRAW
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_36
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5280
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/05/97-08/05/97	1	421.	421.	421.	421.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	1	379.	379.	379.	379.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/97-08/05/97	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/97-08/05/97	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	272.	272.	272.	272.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	1	36.2	36.2	36.2	36.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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Parameter Inventory for Station: DINO0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	1	5500.	5500.	5500.	5500.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	1	172.	172.	172.	172.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0165

NPS Station ID: DINO0165
LAT/LON: 40.568337/-109.064727
Agency: 11NPSWRD
Date Created: 10/13/99
Location: ELY SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_37
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5440
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0165

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	1		23.5	23.5	23.5	23.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/05/97-08/05/97	1		16.	16.	16.	16.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	1		295.	295.	295.	295.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	1		564.	564.	564.	564.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	1		6.	6.	6.	6.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/05/97-08/05/97	1		8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/97-08/05/97	1		8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/97-08/05/97	1		0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1		400.	400.	400.	400.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	1	##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1		319.	319.	319.	319.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	1		63.	63.	63.	63.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	1		29.	29.	29.	29.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	1		6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	1		1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	1		8.	8.	8.	8.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	1		16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	1		0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	1		0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	1	5500.	5500.	5500.	5500.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	1	232.	232.	232.	232.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0166

NPS Station ID: DINO0166
LAT/LON: 40.515837/-109.065281
Agency: 11NPSWRD
Date Created: 10/13/99
Location: SNOW RANCH SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_16
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7560
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/97-07/24/97	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/24/97-07/24/97	1	0.81	0.81	0.81	0.81	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/97-07/24/97	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/24/97-07/24/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/97-07/24/97	1	7.38	7.38	7.38	7.38	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/97-07/24/97	1	7.38	7.38	7.38	7.38	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/97-07/24/97	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	352.	352.	352.	352.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/97-07/24/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/97-07/24/97	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/97-07/24/97	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/97-07/24/97	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/97-07/24/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/97-07/24/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/97-07/24/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/97-07/24/97	1	13.4	13.4	13.4	13.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/97-07/24/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/97-07/24/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/24/97-07/24/97	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

Parameter Inventory for Station: DINO0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/97-07/24/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/24/97-07/24/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/97-07/24/97	1	370.	370.	370.	370.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/97-07/24/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/24/97-07/24/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/24/97-07/24/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/97-07/24/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/97-07/24/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/97-07/24/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/24/97-07/24/97	1	9500.	9500.	9500.	9500.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/24/97-07/24/97	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/97-07/24/97	1	274.	274.	274.	274.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/97-07/24/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/24/97-07/24/97	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0167

NPS Station ID: DINO0167 | LAT/LON: 40.572504/-109.066893 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01478 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_34 /NURE_1155303
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE JONES HOLE; UT. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	4200.	4200.	4200.	4200.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0167

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0168

NPS Station ID: DINO0168
LAT/LON: 40.566393/-109.076392
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 3-25)11DCC-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403359109043501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 6.40
On/Off RF1:
RF3 Index: 14060002007400.00
RF3 Mile Point: 0.09
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/69-09/24/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/69-09/24/69	1	439.	439.	439.	439.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/69-09/24/69	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/69-09/24/69	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/69-09/24/69	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/24/69-09/24/69	1	194.	194.	194.	194.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/24/69-09/24/69	1	237.	237.	237.	237.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/24/69-09/24/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/24/69-09/24/69	1	232.	232.	232.	232.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/24/69-09/24/69	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/24/69-09/24/69	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/69-09/24/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/69-09/24/69	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/24/69-09/24/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/69-09/24/69	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/69-09/24/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/69-09/24/69	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/69-09/24/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/69-09/24/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/24/69-09/24/69	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/24/69-09/24/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/24/69-09/24/69	1	280.	280.	280.	280.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/24/69-09/24/69	1	256.	256.	256.	256.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/69-09/24/69	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/69-09/24/69	1	30.	30.	30.	30.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

& - 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: DINO0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
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									
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: DINO0169

NPS Station ID: DINO0169 | LAT/LON: 40.505615/-109.076699 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01198 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_33 /NURE_1155249
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE JONES HOLE; UT. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	760.	760.	760.	760.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	0.33	0.33	0.33	0.33	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: DINO0169

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0170

NPS Station ID: DINO0170
LAT/LON: 40.504726/-109.077781
Agency: 11NPSWRD
Date Created: 10/13/99
Location: VALLEY VIEW SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_17
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 7480
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JONES HOLE UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/97-07/28/97	1	16.4	16.4	16.4	16.4	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	07/28/97-07/28/97	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/28/97-07/28/97	1	154.	154.	154.	154.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/97-07/28/97	1	604.	604.	604.	604.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/97-07/28/97	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/28/97-07/28/97	1	7.61	7.61	7.61	7.61	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/28/97-07/28/97	1	7.61	7.61	7.61	7.61	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/97-07/28/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/28/97-07/28/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/28/97-07/28/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/28/97-07/28/97	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/28/97-07/28/97	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/28/97-07/28/97	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/28/97-07/28/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/28/97-07/28/97	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/28/97-07/28/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/28/97-07/28/97	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/28/97-07/28/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/28/97-07/28/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	07/28/97-07/28/97	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/28/97-07/28/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/28/97-07/28/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/28/97-07/28/97	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/28/97-07/28/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/28/97-07/28/97	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/28/97-07/28/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/28/97-07/28/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/28/97-07/28/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/28/97-07/28/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/28/97-07/28/97	1	9900.	9900.	9900.	9900.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/28/97-07/28/97	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/28/97-07/28/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/28/97-07/28/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	07/28/97-07/28/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------6/01-8/31---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0171

NPS Station ID: DINO0171 | LAT/LON: 40.533170/-109.087865 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 337.3 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_34
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE JONES HOLE UTAH-COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 337.3; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/81-05/18/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/18/81-05/18/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/81-05/18/81	1	410.	410.	410.	410.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/81-05/18/81	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/18/81-05/18/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0171

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0172

NPS Station ID: DINO0172
LAT/LON: 40.539726/-109.088892
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 3-25)22DDA-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403223109052001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 4.00
On/Off RF1:
RF3 Index: 14060001002100.00
RF3 Mile Point: 3.38
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/48-09/19/48	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/19/48-09/19/48	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/48-09/19/48	1	905.	905.	905.	905.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/48-09/19/48	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/19/48-09/19/48	1	189.	189.	189.	189.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/19/48-09/19/48	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/48-09/19/48	1	530.	530.	530.	530.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/48-09/19/48	1	374.	374.	374.	374.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/48-09/19/48	1	143.	143.	143.	143.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/48-09/19/48	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/19/48-09/19/48	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/48-09/19/48	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/48-09/19/48	1	363.	363.	363.	363.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/48-09/19/48	1	15.	15.	15.	15.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/48-09/19/48	1	664.	664.	664.	664.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/19/48-09/19/48	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: DINO0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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									
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: DINO0173

NPS Station ID: DINO0173
LAT/LON: 40.526337/-109.089171
Agency: 11NPSWRD
Date Created: 11/21/98
Location: GREEN RIVER MILE 336.8
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_35
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE JONES HOLE UTAH-COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 336.8; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/81-09/30/81	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/30/81-09/30/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/81-09/30/81	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/30/81-09/30/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0173

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0174

NPS Station ID: DINO0174 | LAT/LON: 40.523698/-109.090782 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 336.6 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_36
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE JONES HOLE UTAH-COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 336.6; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/81-06/20/81	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/81-06/20/81	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/81-06/20/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/20/81-06/20/81	1	385.	385.	385.	385.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/20/81-06/20/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0174

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0175

NPS Station ID: DINO0175 LAT/LON: 40.423615/-109.093616 Agency: 11NPSWRD Date Created: 03/07/98
Location: C01194 FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): DINO_NURE_27 /NURE_1155248
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: 14060001 RF1 Mile Point: 0.000 Distance from RF1: 28.00 On/Off RF1:
RF3 Index: 14040109001603.27 RF3 Mile Point: 4.77 Distance from RF3: 0.05 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE STUNTZ RESERVOIR; UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/78-08/10/78	1	15.3	15.3	15.3	15.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/78-08/10/78	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/10/78-08/10/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/10/78-08/10/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/78-08/10/78	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/10/78-08/10/78	1	2.29	2.29	2.29	2.29	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: DINO0175

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0176

NPS Station ID: DINO0176 | LAT/LON: 40.518976/-109.097615 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 336.1 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_37
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE JONES HOLE UTAH-COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 336.1; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/81-04/22/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/81-04/22/81	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/22/81-04/22/81	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/22/81-04/22/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0177

NPS Station ID: DINO0177 | LAT/LON: 40.509170/-109.117671 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 334.7 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_38
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE JONES HOLE UTAH-COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 334.7; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/81-06/21/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/21/81-06/21/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/21/81-06/21/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/21/81-06/21/81	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/21/81-06/21/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0178

NPS Station ID: DINO0178
LAT/LON: 40.522504/-109.146892
Agency: 11NPSWRD
Date Created: 11/21/98
Location: GREEN RIVER MILE 332.8
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_39
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE ISLAND PARK UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 332.8; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/81-08/07/81	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/81-08/07/81	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/07/81-08/07/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/81-08/07/81	1	685.	685.	685.	685.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/81-08/07/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0178

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0179

NPS Station ID: DINO0179
Location: (D- 4-25)31CCA-S1
Station Type: /TYPA/AMBNT/SPRING
RMI-Indexes:
RMI-Miles:
HUC: 14060001
Major Basin:
Minor Basin:
RF1 Index: 14060001
RF3 Index: 14060002030604.05
Description:

LAT/LON: 40.425281/-109.150838
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 4.83

Agency: 112WRD
FIPS State/County: 49047 UTAH/UINTAH
STORET Station ID(s): 402531109090301
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 26.30
Distance from RF3: 0.07

Date Created: 02/28/78
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: DINO0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/68-07/31/68	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/31/68-07/31/68	1	454.	454.	454.	454.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/31/68-07/31/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/31/68-07/31/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/68-07/31/68	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/68-07/31/68	1	203.	203.	203.	203.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/31/68-07/31/68	1	248.	248.	248.	248.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/31/68-07/31/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/31/68-07/31/68	1	246.	246.	246.	246.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/31/68-07/31/68	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/68-07/31/68	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/68-07/31/68	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/68-07/31/68	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/31/68-07/31/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/68-07/31/68	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/68-07/31/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/68-07/31/68	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/31/68-07/31/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/68-07/31/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/31/68-07/31/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/31/68-07/31/68	1	268.	268.	268.	268.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/31/68-07/31/68	1	268.	268.	268.	268.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/68-07/31/68	1	2.7	2.7	2.7	2.7	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: DINO0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			

& - 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: DINO0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0180

NPS Station ID: DINO0180
LAT/LON: 40.538616/-109.154170
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 3-25)19CDD-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403219109091501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 2.30
On/Off RF1:
RF3 Index: 14060002001100.00
RF3 Mile Point: 0.56
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/70-05/21/70	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/70-05/21/70	1	405.	405.	405.	405.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/21/70-05/21/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/21/70-05/21/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/70-05/21/70	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/70-05/21/70	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/21/70-05/21/70	1	254.	254.	254.	254.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/21/70-05/21/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/70-05/21/70	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/21/70-05/21/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/70-05/21/70	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/70-05/21/70	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/70-05/21/70	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/21/70-05/21/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/70-05/21/70	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/70-05/21/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/21/70-05/21/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/21/70-05/21/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/21/70-05/21/70	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/21/70-05/21/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/21/70-05/21/70	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/21/70-05/21/70	1	228.	228.	228.	228.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/21/70-05/21/70	1	232.	232.	232.	232.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/70-05/21/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	05/21/70-05/21/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

& - 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: DINO0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
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						
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: DINO0181

NPS Station ID: DINO0181 | LAT/LON: 40.503337/-109.154448 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 329.8 | | FIPS State/County: 49047 UTAH/UINTAH |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): DINO_USFW_40 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 14060001 | Depth of Water: 0 | Aquifer: |
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id: |
Minor Basin: GREEN RIVER | | ECO Region: |
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:

Description:
THE STATION WAS LOCATED ON THE ISLAND PARK UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 329.8; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/81-10/02/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/02/81-10/02/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/81-10/02/81	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/81-10/02/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0181

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0182

NPS Station ID: DINO0182 LAT/LON: 40.421892/-109.165309 Agency: 11NPSWRD Date Created: 03/07/98
Location: C01188 FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): DINO_NURE_13 /NURE_1155381
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: 14060001 RF1 Mile Point: 0.000 Distance from RF1: 28.00 On/Off RF1:
RF3 Index: 14040109001603.27 RF3 Mile Point: 4.77 Distance from RF3: 0.05 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SPLIT MOUNTAIN; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-08/15/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/78-08/15/78	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/78-08/15/78	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/78-08/15/78	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/78-08/15/78	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/15/78-08/15/78	1	0.16	0.16	0.16	0.16	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: DINO0182

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0183

NPS Station ID: DINO0183 | LAT/LON: 40.430003/-109.167504 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01187 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_14 /NURE_1155245
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SPLIT MOUNTAIN; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/78-08/04/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/78-08/04/78	1	2340.	2340.	2340.	2340.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/78-08/04/78	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/78-08/04/78	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/78-08/04/78	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/04/78-08/04/78	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0183

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0184

NPS Station ID: DINO0184
LAT/LON: 40.430281/-109.167504
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 4-24)36BDC-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402549109100301
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 4.20
On/Off RF1:
RF3 Index: 14060001063700.00
RF3 Mile Point: 0.20
Distance from RF3: 0.18
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/68-07/31/68	2	15.5	15.5	19.	12.	24.5	4.95	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/68-07/31/68	2	359.	359.	366.	352.	98.	9.899	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/68-07/31/68	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/68-07/31/68	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/68-07/31/68	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/68-07/31/68	2	166.5	166.5	171.	162.	40.5	6.364	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/11/68-07/31/68	2	202.5	202.5	208.	197.	60.5	7.778	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/11/68-07/31/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/11/68-07/31/68	2	190.	190.	196.	184.	72.	8.485	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/11/68-07/31/68	2	23.5	23.5	25.	22.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/11/68-07/31/68	2	36.5	36.5	38.	35.	4.5	2.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/11/68-07/31/68	2	23.5	23.5	24.	23.	0.5	0.707	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/11/68-07/31/68	2	4.1	4.1	4.2	4.	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/11/68-07/31/68	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/68-07/31/68	2	1.05	1.05	1.1	1.	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/68-07/31/68	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/11/68-07/31/68	2	23.5	23.5	26.	21.	12.5	3.536	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/11/68-07/31/68	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/68-07/31/68	2	9.65	9.65	10.	9.3	0.245	0.495	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/11/68-07/31/68	2	30.	30.	50.	10.	800.	28.284	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/11/68-07/31/68	2	199.	199.	200.	198.	2.	1.414	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/11/68-07/31/68	2	207.5	207.5	215.	200.	112.5	10.607	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/11/68-07/31/68	2	4.1	4.1	4.7	3.5	0.72	0.849	**	**	**	**
71885	IRON (UG/L AS FE)	06/11/68-06/11/68	1	120.	120.	120.	120.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
		Drinking Water	250.	2	0	0.00							2	0	0.00			

& - 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: DINO0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00							2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							2	0	0.00			
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: DINO0185

NPS Station ID: DINO0185
LAT/LON: 40.430003/-109.168337
Agency: 11NPSWRD
Date Created: 10/13/99
Location: HOG CANYON SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_75
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5320
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/98-05/21/98	1	13.7	13.7	13.7	13.7	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	05/21/98-05/21/98	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/21/98-05/21/98	1	334.	334.	334.	334.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/21/98-05/21/98	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/21/98-05/21/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/21/98-05/21/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/98-05/21/98	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/98-05/21/98	1	151.	151.	151.	151.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/21/98-05/21/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/98-05/21/98	1	163.	163.	163.	163.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/98-05/21/98	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/98-05/21/98	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/98-05/21/98	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/98-05/21/98	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/21/98-05/21/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/21/98-05/21/98	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/21/98-05/21/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/21/98-05/21/98	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/21/98-05/21/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/21/98-05/21/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/21/98-05/21/98	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/21/98-05/21/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/21/98-05/21/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	05/21/98-05/21/98	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	05/21/98-05/21/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/98-05/21/98	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0185

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
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						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0186

NPS Station ID: DINO0186 | LAT/LON: 40.401392/-109.172198 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01193 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_20 /NURE_1155247
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SPLIT MOUNTAIN; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/77-09/14/77	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/77-09/14/77	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/77-09/14/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/77-09/14/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/77-09/14/77	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/14/77-09/14/77	1	5.65	5.65	5.65	5.65	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: DINO0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0187

NPS Station ID: DINO0187
LAT/LON: 40.397781/-109.176393
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 5-24)11DAC-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402352109103501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 18.40
On/Off RF1:
RF3 Index: 14060002047700.65
RF3 Mile Point: 0.75
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/73-05/09/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/09/73-05/09/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/09/73-05/09/73	1	571.	571.	571.	571.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/09/73-05/09/73	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/09/73-05/09/73	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/09/73-05/09/73	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/09/73-05/09/73	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/09/73-05/09/73	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/09/73-05/09/73	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/09/73-05/09/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/09/73-05/09/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/09/73-05/09/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/09/73-05/09/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/09/73-05/09/73	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/09/73-05/09/73	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/09/73-05/09/73	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/09/73-05/09/73	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/09/73-05/09/73	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/09/73-05/09/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/09/73-05/09/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/09/73-05/09/73	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/09/73-05/09/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/09/73-05/09/73	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/09/73-05/09/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/09/73-05/09/73	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/09/73-05/09/73	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/09/73-05/09/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/09/73-05/09/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/09/73-05/09/73	1	350.	350.	350.	350.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/09/73-05/09/73	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/09/73-05/09/73	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0187

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
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: DINO0188

NPS Station ID: DINO0188 | LAT/LON: 40.397809/-109.176698 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01192 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_21 /NURE_1155246
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SPLIT MOUNTAIN; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/77-09/19/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/77-09/19/77	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/77-09/19/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/77-09/19/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/77-09/19/77	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/19/77-09/19/77	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0189

NPS Station ID: DINO0189
LAT/LON: 40.427226/-109.177782
Agency: 11NPSWRD
Date Created: 10/13/99
Location: BOX ELDER SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_34
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5440
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/97-08/18/97	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/18/97-08/18/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/18/97-08/18/97	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/97-08/18/97	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/97-08/18/97	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/18/97-08/18/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/18/97-08/18/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/97-08/18/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	1	188.	188.	188.	188.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/97-08/18/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	1	291.	291.	291.	291.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/97-08/18/97	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/97-08/18/97	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/97-08/18/97	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/97-08/18/97	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/97-08/18/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/97-08/18/97	1	79.6	79.6	79.6	79.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/97-08/18/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/18/97-08/18/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/18/97-08/18/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/97-08/18/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/97-08/18/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/97-08/18/97	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/18/97-08/18/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/97-08/18/97	1	470.	470.	470.	470.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/18/97-08/18/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/97-08/18/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/97-08/18/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/97-08/18/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/18/97-08/18/97	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/18/97-08/18/97	1	29.	29.	29.	29.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/97-08/18/97	1	176.	176.	176.	176.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/97-08/18/97	1	19.	19.	19.	19.	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/18/97-08/18/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0190

NPS Station ID: DINO0190
LAT/LON: 40.481420/-109.180448
Agency: 11NPSWRD
Date Created: 11/21/98
Location: GREEN RIVER MILE 327.8
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_41
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE SPLIT MOUNTAIN UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 327.8; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/81-05/20/81	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/20/81-05/20/81	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/81-05/20/81	1	335.	335.	335.	335.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/81-05/20/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0190

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0191

NPS Station ID: DINO0191
LAT/LON: 40.470892/-109.182977
Agency: 11NPSWRD
Date Created: 11/21/98
Location: GREEN RIVER MILE 326.8
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_42
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE SPLIT MOUNTAIN UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 326.8; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/81-08/08/81	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/81-08/08/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/81-08/08/81	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/08/81-08/08/81	1	690.	690.	690.	690.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/81-08/08/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0191

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0192

NPS Station ID: DINO0192
LAT/LON: 40.431115/-109.188060
Agency: 11NPSWRD
Date Created: 10/13/99
Location: ELDER SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_33
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5380
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/97-08/18/97	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/18/97-08/18/97	1	335.	335.	335.	335.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/97-08/18/97	1	740.	740.	740.	740.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/97-08/18/97	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/18/97-08/18/97	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/18/97-08/18/97	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/97-08/18/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	1	393.	393.	393.	393.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/97-08/18/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/97-08/18/97	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/97-08/18/97	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/97-08/18/97	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/97-08/18/97	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/97-08/18/97	1	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/97-08/18/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/97-08/18/97	1	58.6	58.6	58.6	58.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/97-08/18/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/18/97-08/18/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/97-08/18/97	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

Parameter Inventory for Station: DINO0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/97-08/18/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/97-08/18/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/97-08/18/97	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/18/97-08/18/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/97-08/18/97	1	430.	430.	430.	430.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/18/97-08/18/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/97-08/18/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/97-08/18/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/18/97-08/18/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/18/97-08/18/97	1	5600.	5600.	5600.	5600.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/18/97-08/18/97	1	21.	21.	21.	21.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/97-08/18/97	1	308.	308.	308.	308.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/97-08/18/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/18/97-08/18/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0192

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0193

NPS Station ID: DINO0193
LAT/LON: 40.495004/-109.192226
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 4-24) 3DDD-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402942109113201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 14060002019000.64
RF3 Mile Point: 2.21
Distance from RF3: 0.51
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/67-09/12/67	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/67-09/12/67	1	476.	476.	476.	476.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/12/67-09/12/67	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/12/67-09/12/67	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/67-09/12/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/12/67-09/12/67	1	233.	233.	233.	233.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/12/67-09/12/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/12/67-09/12/67	1	199.	199.	199.	199.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/12/67-09/12/67	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/12/67-09/12/67	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/67-09/12/67	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/12/67-09/12/67	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/12/67-09/12/67	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/67-09/12/67	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/12/67-09/12/67	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/12/67-09/12/67	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/67-09/12/67	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/67-09/12/67	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/12/67-09/12/67	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/12/67-09/12/67	1	282.	282.	282.	282.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/12/67-09/12/67	1	284.	284.	284.	284.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/67-09/12/67	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/12/67-09/12/67	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: DINO0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - 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: DINO0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0194

NPS Station ID: DINO0194 | LAT/LON: 40.418309/-109.192503 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01190 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_22 /NURE_1155382
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SPLIT MOUNTAIN; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	9.18	9.18	9.18	9.18	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0194

Parameter				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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: DINO0195

NPS Station ID: DINO0195 | LAT/LON: 40.466365/-109.193698 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 326.1 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_43
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE SPLIT MOUNTAIN UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 326.1; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/81-04/23/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/23/81-04/23/81	1	255.	255.	255.	255.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/81-04/23/81	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/23/81-04/23/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0195

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0196

NPS Station ID: DINO0196
LAT/LON: 40.466809/-109.202615
Agency: 11NPSWRD
Date Created: 05/30/98
Location: GREEN RIVER; 135.2 KM BELOW DAM
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USU_G4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SPLIT MOUNTAIN; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON THE GREEN RIVER 135.2 KILOMETERS BELOW THE FLAMING GORGE DAM AND WITHIN SPLIT MOUNTAIN CANYON. THIS SITE IS WITHIN THE DINOSAUR NATIONAL MONUMENT'S BOUNDARY. DATA FOR THIS SITE ORIGINATE FROM THE REPORT; "AN ECOLOGICAL CHARACTERIZATION OF THE YAMPA AND GREEN RIVER IN DINOSAUR NATIONAL MONUMENT" BY J.M. NEUHOLD AND T.C. ANNEAR; UTAH STATE UNIVERSITY; APRIL 1981. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT DINOSAUR NATIONAL MONUMENT 4545 HIGHWAY 40; DINOSAUR; CO 81610-9724. TEL (970)374-3000. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS CO 80525. TEL (970)225-3516.

Parameter Inventory for Station: DINO0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-09/15/79	8	13.6	13.075	21.1	5.6	32.831	5.73	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/15/78-09/15/79	5	154.	146.6	326.	25.	14952.3	122.28	**	**	**	**
85561	PARTICULATE, ORGANIC MATTER - NES SURVEY MG/L	04/15/79-09/15/79	15	12.	26.467	66.	4.5	553.41	23.525	4.5	7.	52.	62.4

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

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

Station Inventory for Station: DINO0197

NPS Station ID: DINO0197
LAT/LON: 40.507504/-109.203337
Agency: 11NPSWRD
Date Created: 10/13/99
Location: MCKEES'S SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_80
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5140
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISLAND PARK UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/98-07/16/98	1	21.9	21.9	21.9	21.9	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/16/98-07/16/98	1	9000.	9000.	9000.	9000.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/16/98-07/16/98	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/16/98-07/16/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/16/98-07/16/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/16/98-07/16/98	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/16/98-07/16/98	1	338.	338.	338.	338.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/16/98-07/16/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/16/98-07/16/98	1	2367.	2367.	2367.	2367.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/16/98-07/16/98	1	348.	348.	348.	348.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/16/98-07/16/98	1	244.	244.	244.	244.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/16/98-07/16/98	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/16/98-07/16/98	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/16/98-07/16/98	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/16/98-07/16/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/16/98-07/16/98	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/16/98-07/16/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/16/98-07/16/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/16/98-07/16/98	1	1349.	1349.	1349.	1349.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/16/98-07/16/98	1	5510.	5510.	5510.	5510.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/16/98-07/16/98	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/16/98-07/16/98	1	445.	445.	445.	445.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/16/98-07/16/98	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	07/16/98-07/16/98	1	1506.	1506.	1506.	1506.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/16/98-07/16/98	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: DINO0197

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0198

NPS Station ID: DINO0198
LAT/LON: 40.507504/-109.203337
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 4-24) 3BAA-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 403027109121201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 4.40
On/Off RF1:
RF3 Index: 14060001047000.00
RF3 Mile Point: 0.14
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/70-05/21/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/70-05/21/70	1	3580.	3580.	3580.	3580.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/21/70-05/21/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/21/70-05/21/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/70-05/21/70	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/70-05/21/70	1	587.	587.	587.	587.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/21/70-05/21/70	1	716.	716.	716.	716.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/21/70-05/21/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/70-05/21/70	1	680.	680.	680.	680.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/21/70-05/21/70	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/70-05/21/70	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/70-05/21/70	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/70-05/21/70	1	661.	661.	661.	661.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/21/70-05/21/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/70-05/21/70	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/70-05/21/70	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/21/70-05/21/70	1	1440.	1440.	1440.	1440.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/21/70-05/21/70	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/21/70-05/21/70	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/21/70-05/21/70	1	740.	740.	740.	740.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/21/70-05/21/70	1	400.	400.	400.	400.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/21/70-05/21/70	1	2860.	2860.	2860.	2860.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/21/70-05/21/70	1	2730.	2730.	2730.	2730.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/70-05/21/70	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	05/21/70-05/21/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0198

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

& - 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: DINO0198

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
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						
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						
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: DINO0199

NPS Station ID: DINO0199
LAT/LON: 40.448059/-109.210560
Agency: 11NPSWRD
Date Created: 10/13/99
Location: CAMP SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_69
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5400
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/98-06/20/98	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/20/98-06/20/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/20/98-06/20/98	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/20/98-06/20/98	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/20/98-06/20/98	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/20/98-06/20/98	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/98-06/20/98	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/98-06/20/98	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/98-06/20/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/20/98-06/20/98	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/98-06/20/98	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/98-06/20/98	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/98-06/20/98	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/98-06/20/98	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/20/98-06/20/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/20/98-06/20/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/20/98-06/20/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/20/98-06/20/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/20/98-06/20/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/98-06/20/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/20/98-06/20/98	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/98-06/20/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/20/98-06/20/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/20/98-06/20/98	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/20/98-06/20/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/20/98-06/20/98	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: DINO0199

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0200

NPS Station ID: DINO0200 | LAT/LON: 40.441698/-109.213309 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01185 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): DINO_NURE_25 /NURE_1155244
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SPLIT MOUNTAIN; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/78-08/10/78	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/78-08/10/78	1	790.	790.	790.	790.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/10/78-08/10/78	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/10/78-08/10/78	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/78-08/10/78	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/10/78-08/10/78	1	7.35	7.35	7.35	7.35	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: DINO0200

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0201

NPS Station ID: DINO0201
LAT/LON: 40.448059/-109.217227
Agency: 11NPSWRD
Date Created: 10/13/99
Location: CHEW SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_70
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5440
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/98-06/26/98	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/26/98-06/26/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/26/98-06/26/98	1	520.	520.	520.	520.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/26/98-06/26/98	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/26/98-06/26/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/26/98-06/26/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/98-06/26/98	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/26/98-06/26/98	1	243.	243.	243.	243.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/26/98-06/26/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/26/98-06/26/98	1	185.	185.	185.	185.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/26/98-06/26/98	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/26/98-06/26/98	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/26/98-06/26/98	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/26/98-06/26/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/26/98-06/26/98	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/26/98-06/26/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/26/98-06/26/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/26/98-06/26/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/26/98-06/26/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/26/98-06/26/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/26/98-06/26/98	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/26/98-06/26/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/26/98-06/26/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/26/98-06/26/98	1	3500.	3500.	3500.	3500.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/26/98-06/26/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/26/98-06/26/98	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 time series plot

EPA Water Quality Criteria Analysis for Station: DINO0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0202

NPS Station ID: DINO0202
LAT/LON: 40.477226/-109.218337
Agency: 11NPSWRD
Date Created: 10/13/99
Location: MITTEN CANYON WARM SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_45
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 4880
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/97-08/05/97	1	23.7	23.7	23.7	23.7	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/05/97-08/05/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/05/97-08/05/97	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/97-08/05/97	1	1480.	1480.	1480.	1480.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/97-08/05/97	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/97-08/05/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/97-08/05/97	1	342.	342.	342.	342.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/97-08/05/97	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/97-08/05/97	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/97-08/05/97	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/97-08/05/97	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/97-08/05/97	1	294.	294.	294.	294.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/97-08/05/97	1	183.2	183.2	183.2	183.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/97-08/05/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/05/97-08/05/97	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/05/97-08/05/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/97-08/05/97	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/97-08/05/97	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/97-08/05/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/05/97-08/05/97	1	860.	860.	860.	860.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/05/97-08/05/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/97-08/05/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/97-08/05/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/97-08/05/97	1	93.	93.	93.	93.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/05/97-08/05/97	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/05/97-08/05/97	1	55.	55.	55.	55.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/97-08/05/97	1	407.	407.	407.	407.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/97-08/05/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/05/97-08/05/97	1	300.	300.	300.	300.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0202

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
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	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			
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			
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: DINO0203

NPS Station ID: DINO0203
LAT/LON: 40.465559/-109.221115
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 4-24)16CDD-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402756109131601
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 8.40
On/Off RF1:
RF3 Index: 14060002028500.00
RF3 Mile Point: 4.16
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/48-09/08/83	2	30.5	30.5	31.	30.	0.5	0.707	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/19/48-09/19/48	1	2690.	2690.	2690.	2690.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/19/48-09/19/48	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/48-09/08/83	2	1585.	1585.	1600.	1570.	450.	21.213	**	**	**	**
00400	PH (STANDARD UNITS)	09/08/83-09/08/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/08/83-09/08/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/83-09/08/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/08/83-09/08/83	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/08/83-09/08/83	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/83-09/08/83	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/48-09/08/83	2	161.	161.	162.	160.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/19/48-09/19/48	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/19/48-09/19/48	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/08/83-09/08/83	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/08/83-09/08/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/08/83-09/08/83	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/08/83-09/08/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/08/83-09/08/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/08/83-09/08/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/08/83-09/08/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/48-09/19/48	1	374.	374.	374.	374.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/48-09/19/48	1	212.	212.	212.	212.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/48-09/08/83	2	95.5	95.5	97.	94.	4.5	2.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/48-09/08/83	2	31.	31.	32.	30.	2.	1.414	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/08/83-09/08/83	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/19/48-09/19/48	1	193.	193.	193.	193.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/08/83-09/08/83	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/48-09/08/83	2	290.5	290.5	291.	290.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/48-09/08/83	2	216.	216.	220.	212.	32.	5.657	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/08/83-09/08/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/48-09/08/83	2	17.5	17.5	18.	17.	0.5	0.707	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/08/83-09/08/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/08/83-09/08/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/08/83-09/08/83	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/08/83-09/08/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/08/83-09/08/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/08/83-09/08/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/08/83-09/08/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	09/08/83-09/08/83	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/08/83-09/08/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/08/83-09/08/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/08/83-09/08/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/08/83-09/08/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/08/83-09/08/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/08/83-09/08/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/08/83-09/08/83	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/08/83-09/08/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/08/83-09/08/83	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/08/83-09/08/83	1	938.	938.	938.	938.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/48-09/19/48	1	942.	942.	942.	942.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/19/48-09/19/48	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/08/83-09/08/83	1	0.99	0.99	0.99	0.99	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/08/83-09/08/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	09/08/83-09/08/83	1	-8.6	-8.6	-8.6	-8.6	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/08/83-09/08/83	1	-124.	-124.	-124.	-124.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/08/83-09/08/83	1	-16.5	-16.5	-16.5	-16.5	0.	0.	**	**	**	**
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	09/08/83-09/08/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									
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.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	2	1.00	2	2	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
07000	TRITIUM, TOTAL	Drinking Water	20000.	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									
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: DINO0204

NPS Station ID: DINO0204
LAT/LON: 40.444448/-109.221948
Agency: 11NPSWRD
Date Created: 10/13/99
Location: HANGING SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_29
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5320
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/97-08/19/97	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/19/97-08/19/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/19/97-08/19/97	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/97-08/19/97	1	590.	590.	590.	590.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/97-08/19/97	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/19/97-08/19/97	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/19/97-08/19/97	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/97-08/19/97	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/97-08/19/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	1	358.	358.	358.	358.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/97-08/19/97	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/97-08/19/97	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/97-08/19/97	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/97-08/19/97	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/19/97-08/19/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/97-08/19/97	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/97-08/19/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/97-08/19/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/19/97-08/19/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/97-08/19/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/97-08/19/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/97-08/19/97	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/97-08/19/97	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/19/97-08/19/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/97-08/19/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/97-08/19/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/97-08/19/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/19/97-08/19/97	1	5500.	5500.	5500.	5500.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/19/97-08/19/97	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/97-08/19/97	1	251.	251.	251.	251.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/97-08/19/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/19/97-08/19/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0205

NPS Station ID: DINO0205 | LAT/LON: 40.426392/-109.229199 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01184 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_19 /NURE_1155380
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SPLIT MOUNTAIN; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0205

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	3200.	3200.	3200.	3200.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/77-09/24/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/77-09/24/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1	18.93	18.93	18.93	18.93	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0205

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0206

NPS Station ID: DINO0206
LAT/LON: 40.482226/-109.230560
Agency: 11NPSWRD
Date Created: 10/13/99
Location: WARM SPRING RIVER LEFT
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_48
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 4840
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/97-09/22/97	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	09/22/97-09/22/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/22/97-09/22/97	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/22/97-09/22/97	1	1038.	1038.	1038.	1038.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/22/97-09/22/97	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/22/97-09/22/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/22/97-09/22/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/97-09/22/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/97-09/22/97	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/97-09/22/97	1	298.	298.	298.	298.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/97-09/22/97	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/97-09/22/97	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/97-09/22/97	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/97-09/22/97	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/22/97-09/22/97	1	148.	148.	148.	148.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/22/97-09/22/97	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/97-09/22/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/22/97-09/22/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/22/97-09/22/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/22/97-09/22/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/22/97-09/22/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/22/97-09/22/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/22/97-09/22/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/22/97-09/22/97	1	680.	680.	680.	680.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/22/97-09/22/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/22/97-09/22/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/22/97-09/22/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/22/97-09/22/97	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	09/22/97-09/22/97	1	5700.	5700.	5700.	5700.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	09/22/97-09/22/97	1	42.	42.	42.	42.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/22/97-09/22/97	1	950.	950.	950.	950.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/22/97-09/22/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	09/22/97-09/22/97	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0206

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
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									
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									
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: DINO0207

NPS Station ID: DINO0207
LAT/LON: 40.447781/-109.231116
Agency: 11NPSWRD
Date Created: 10/13/99
Location: MID-JOINT SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_28
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5040
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/97-08/19/97	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/19/97-08/19/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/19/97-08/19/97	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/97-08/19/97	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/97-08/19/97	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/19/97-08/19/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/19/97-08/19/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/97-08/19/97	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/97-08/19/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	1	253.	253.	253.	253.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/97-08/19/97	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/97-08/19/97	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/97-08/19/97	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/97-08/19/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/19/97-08/19/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/97-08/19/97	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/97-08/19/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/97-08/19/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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Parameter Inventory for Station: DINO0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/19/97-08/19/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/97-08/19/97	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/97-08/19/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/97-08/19/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/19/97-08/19/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/97-08/19/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/97-08/19/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/19/97-08/19/97	1	3200.	3200.	3200.	3200.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/19/97-08/19/97	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/97-08/19/97	1	202.	202.	202.	202.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/97-08/19/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/19/97-08/19/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0208

NPS Station ID: DINO0208
LAT/LON: 40.409448/-109.234726
Agency: 112WRD
Date Created: / /
Location: GREEN RIVER NEAR JENSEN, UTAH
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09261000
RMI-Indexes: 1101000 010670
Within Park Boundary: Yes
RMI-Miles: 0929.90 0314.30
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14040106097700.31
RF3 Mile Point: 4.52
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	470	11.1	11.141	25.6	-0.5	44.437	6.666	2.	5.575	16.5	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	204	17.75	16.187	38.	-26.	163.102	12.771	4.	-5.	28.	32.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	105	642.	642.562	698.	620.	79.114	8.895	634.	637.5	648.	651.
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	03/11/80-03/11/80	1	2860.	2860.	2860.	2860.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	385	3360.	4711.262	23900.	290.	17583712.96	4193.294	1001.2	2040.	5588.	11308.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	313	3000.	4905.169	29500.	717.	24763644.962	4976.308	1304.	1830.	5910.	11640.
00065	STAGE, STREAM (FEET)	09/06/74-02/18/86	28	4.61	5.199	11.36	3.03	4.123	2.03	3.06	3.628	6.44	8.133
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/22/80-10/22/80	1	750.	750.	750.	750.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	455	690.	632.703	2330.	200.	46960.98	216.705	329.6	477.	750.	800.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	205	9.5	9.906	35.	5.9	5.772	2.403	8.	8.4	10.95	12.48
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	448	7.9	7.896	8.8	2.3	0.21	0.458	7.5	7.6	8.2	8.4
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	448	7.9	4.951	8.8	2.3	8.906	2.984	7.5	7.6	8.2	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	448	0.013	11.206	5011.872	0.002	56068.473	236.788	0.004	0.006	0.025	0.032
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	114	8.2	8.196	8.6	7.3	0.046	0.214	7.95	8.1	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	114	8.2	8.128	8.6	7.3	0.05	0.225	7.95	8.1	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	114	0.006	0.007	0.05	0.003	0.	0.006	0.004	0.005	0.008	0.011
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	268	4.7	5.663	66.	0.5	33.655	5.801	1.6	2.5	6.4	9.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	300	148.	138.597	259.	36.	876.67	29.609	94.	120.	157.	164.
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	280	180.	169.404	264.	44.	1225.711	35.01	116.	146.	191.	201.9
00445	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	225	0.	0.56	66.	0.	22.069	4.698	0.	0.	0.	0.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	06/28/89-06/28/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	104	0.03	0.054	0.82	0.	0.009	0.092	0.005	0.02	0.05	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/90-10/08/92	18 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/20/62-09/16/70	30	0.64	0.7	1.8	0.02	0.261	0.511	0.142	0.195	1.125	1.49
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	213	0.2	0.337	7.3	0.01	0.291	0.539	0.05	0.1	0.5	0.66
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	110	0.03	0.036	0.37	0.	0.003	0.055	0.	0.	0.033	0.09
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/79-01/29/82	25	0.02	0.031	0.16	0.	0.001	0.035	0.003	0.01	0.04	0.084
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	186	0.01	0.014	0.17	0.	0.	0.019	0.005	0.005	0.02	0.03
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	341	240.	227.229	1250.	0.	10356.671	101.768	128.	170.	260.	282.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	302	90.	89.96	1070.	0.	7821.799	88.441	25.3	50.	110.	127.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	245	58.	53.771	101.	0.	182.005	13.491	31.6	46.5	62.	66.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	245	23.	21.301	32.	3.2	37.96	6.161	11.	19.	26.	27.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	376	54.	51.023	203.	2.	532.987	23.087	20.	34.25	62.	71.
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	340	1.5	1.457	4.	0.	0.244	0.494	0.71	1.2	1.7	2.
00932p	SODIUM, PERCENT	04/20/62-11/21/85	252	33.	32.115	48.	16.	24.11	4.91	25.3	30.	34.75	37.
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/01/67-03/11/80	48	55.	49.833	83.	13.	377.716	19.435	19.	34.	63.75	73.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	246	2.7	2.554	3.9	1.1	0.338	0.581	1.6	2.375	2.9	3.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	414	21.	21.145	87.	3.	133.228	11.542	8.	13.	25.	31.

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

Parameter Inventory for Station: DINO0208

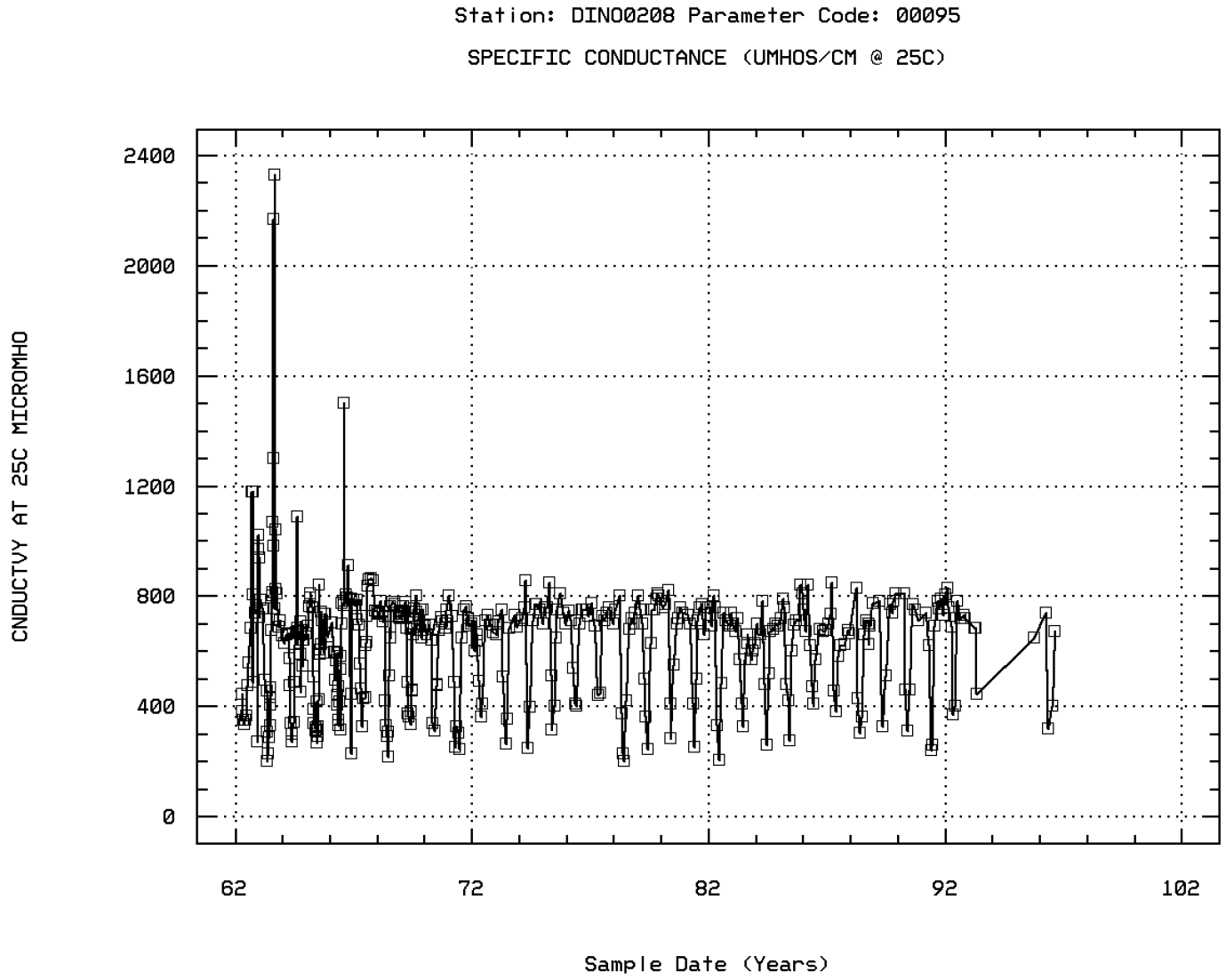
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	415	175.	165.002	1290.	20.	10424.563	102.101	59.6	110.	200.	227.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	236	0.3	0.267	0.9	0.05	0.01	0.098	0.2	0.2	0.3	0.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	237	5.7	6.018	13.	1.4	5.245	2.29	3.08	4.3	7.85	9.4
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	236	80.	82.565	900.	0.04	3823.948	61.838	40.	60.	100.	110.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/87-04/03/96	41 ##	0.5	1.085	7.	0.5	2.274	1.508	0.5	0.5	1.	2.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	304	436.5	418.707	2150.	128.	38888.927	197.203	212.	304.25	490.5	535.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	181	450.	403.845	688.	90.	13229.72	115.021	201.8	327.	476.5	500.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	327	3720.	3982.87	14830.1	167.	4951736.637	2225.25	1468.008	2390.	5250.	6779.992
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	327	0.61	0.569	2.92	0.12	0.07	0.264	0.28	0.41	0.67	0.72
70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	04/09/64-04/09/64	1	3.	3.	3.	3.	0.	0.	**	**	**	**
70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	10/01/59-04/09/64	10	6.	5.6	10.	2.	6.489	2.547	2.	2.75	7.	9.7
70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	10/01/59-04/09/64	10	85.	79.3	94.	23.	447.344	21.151	27.9	77.25	91.75	94.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	113	92.	80.398	100.	18.	467.992	21.633	43.4	64.	99.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	84	91.	85.929	100.	38.	225.682	15.023	64.5	77.	98.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	75	97.	94.093	100.	58.	65.032	8.064	81.	93.	99.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	58	100.	98.19	100.	84.	18.402	4.29	92.4	99.	100.	100.
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	04/29/60-07/14/61	13	100.	100.	100.	100.	0.	0.	100.	100.	100.	100.
70337p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	138	38.	39.384	77.	4.	361.611	19.016	13.	24.	58.	65.
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	180	49.5	47.933	88.	4.	513.113	22.652	17.	29.	69.75	78.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/15/51-06/01/63	22	60.	53.773	91.	12.	693.136	26.327	14.5	29.25	78.	82.7
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	148	72.5	64.872	100.	8.	722.534	26.88	26.9	39.	90.75	96.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/15/51-06/01/63	22	80.	68.818	98.	19.	763.68	27.635	25.3	46.	93.25	96.4
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	10/01/59-08/23/79	109	75.	73.908	100.	14.	410.14	20.252	46.	60.	91.5	98.
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	03/21/60-06/04/79	100	86.5	84.03	100.	29.	200.999	14.177	66.3	76.	97.	99.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	03/21/60-06/04/79	96	98.	94.823	100.	10.	173.726	13.181	90.	95.	100.	100.
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	03/31/60-06/04/79	60	100.	96.567	100.	10.	266.148	16.314	99.	100.	100.	100.
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	04/29/60-06/04/79	12	100.	100.	100.	100.	0.	0.	100.	100.	100.	100.
71820	DENSITY (GM/ML AT 20 C)	07/09/86-07/09/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	02/26/82-12/19/85	38	0.055	0.112	1.1	0.01	0.034	0.183	0.028	0.04	0.123	0.222
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/20/62-09/16/70	30	2.85	3.097	8.	0.1	5.042	2.245	0.61	0.875	4.975	6.45
71885	IRON (UG/L AS FE)	04/20/62-05/21/62	2	175.	175.	230.	120.	6050.	77.782	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	285	651.	1559.323	18200.	9.	7726421.1	2779.644	64.	167.5	1780.	3488.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	151	9030.	21220.212	202000.	90.	907992304.555	30132.911	642.2	1570.	31900.	55020.
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/20/81-07/21/81	6	1.85	1.75	2.2	0.9	0.219	0.468	**	**	**	**

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

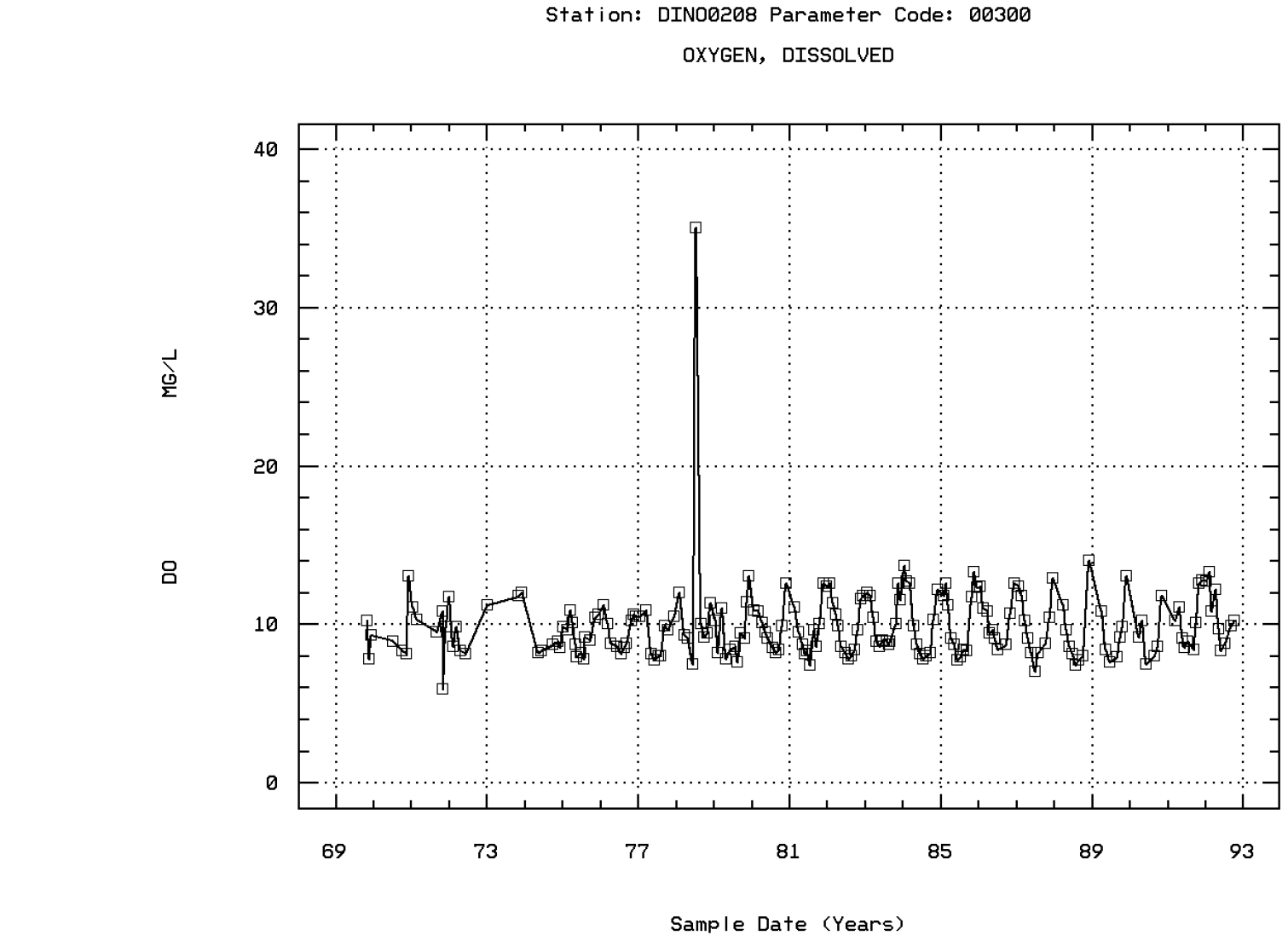
EPA Water Quality Criteria Analysis for Station: DINO0208

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	205	0	0.00	102	0	0.00	51	0	0.00	52	0	0.00			
00400	PH	Fresh Chronic	9.	448	0	0.00	195	0	0.00	119	0	0.00	134	0	0.00			
		Other-Lo Lim.	6.5	448	1	0.00	195	1	0.01	119	0	0.00	134	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	114	0	0.00	51	0	0.00	33	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	114	0	0.00	51	0	0.00	33	0	0.00	30	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	18	0	0.00	10	0	0.00	6	0	0.00	2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	30	0	0.00	17	0	0.00	7	0	0.00	6	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	213	0	0.00	97	0	0.00	59	0	0.00	57	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	414	0	0.00	173	0	0.00	112	0	0.00	129	0	0.00			
		Drinking Water	250.	414	0	0.00	173	0	0.00	112	0	0.00	129	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	415	21	0.05	174	11	0.06	112	3	0.03	129	7	0.05			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	236	0	0.00	111	0	0.00	64	0	0.00	61	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	41	0	0.00	15	0	0.00	15	0	0.00	11	0	0.00			
		Drinking Water	50.	41	0	0.00	15	0	0.00	15	0	0.00	11	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	30	0	0.00	17	0	0.00	7	0	0.00	6	0	0.00			

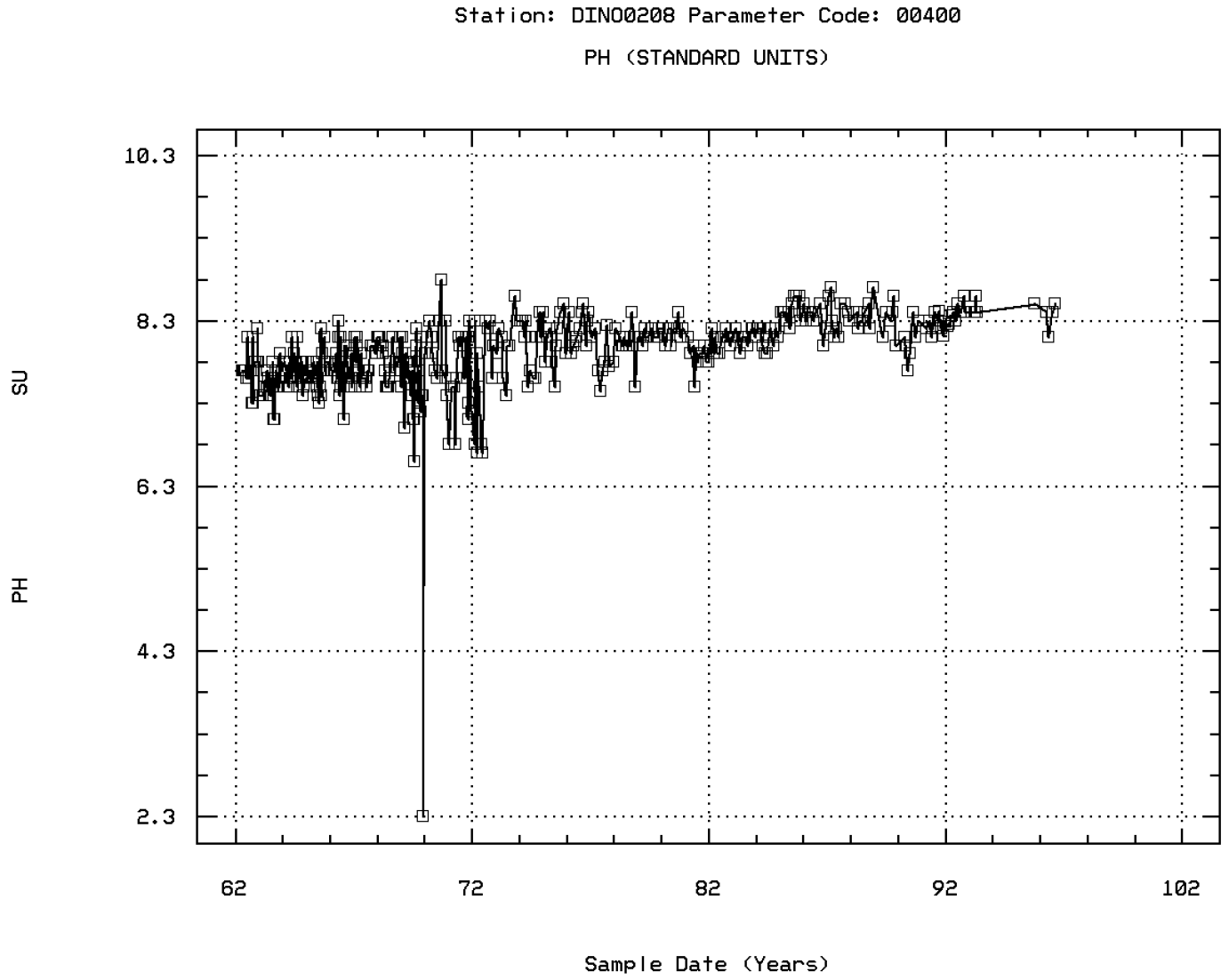
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



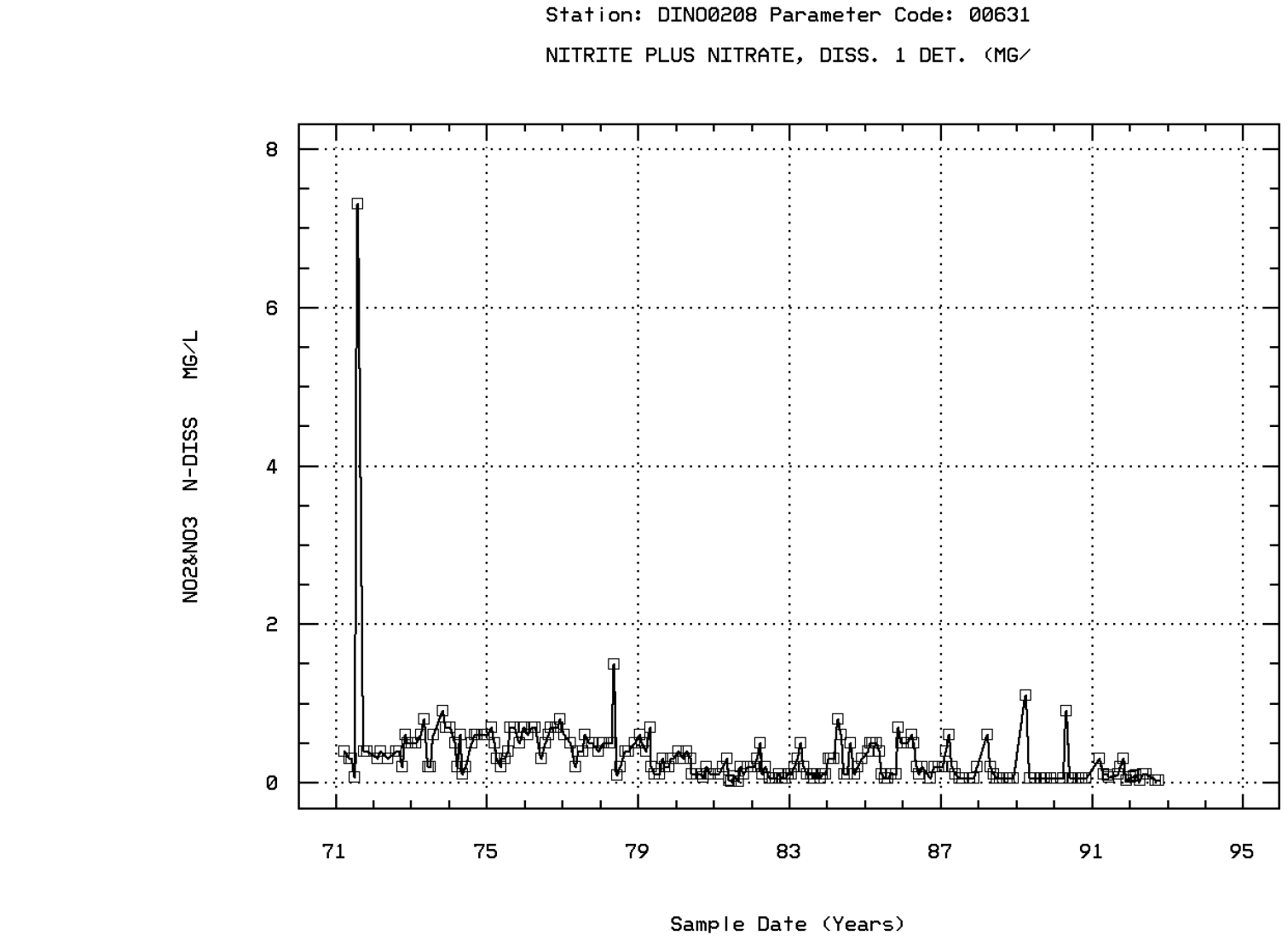
GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH



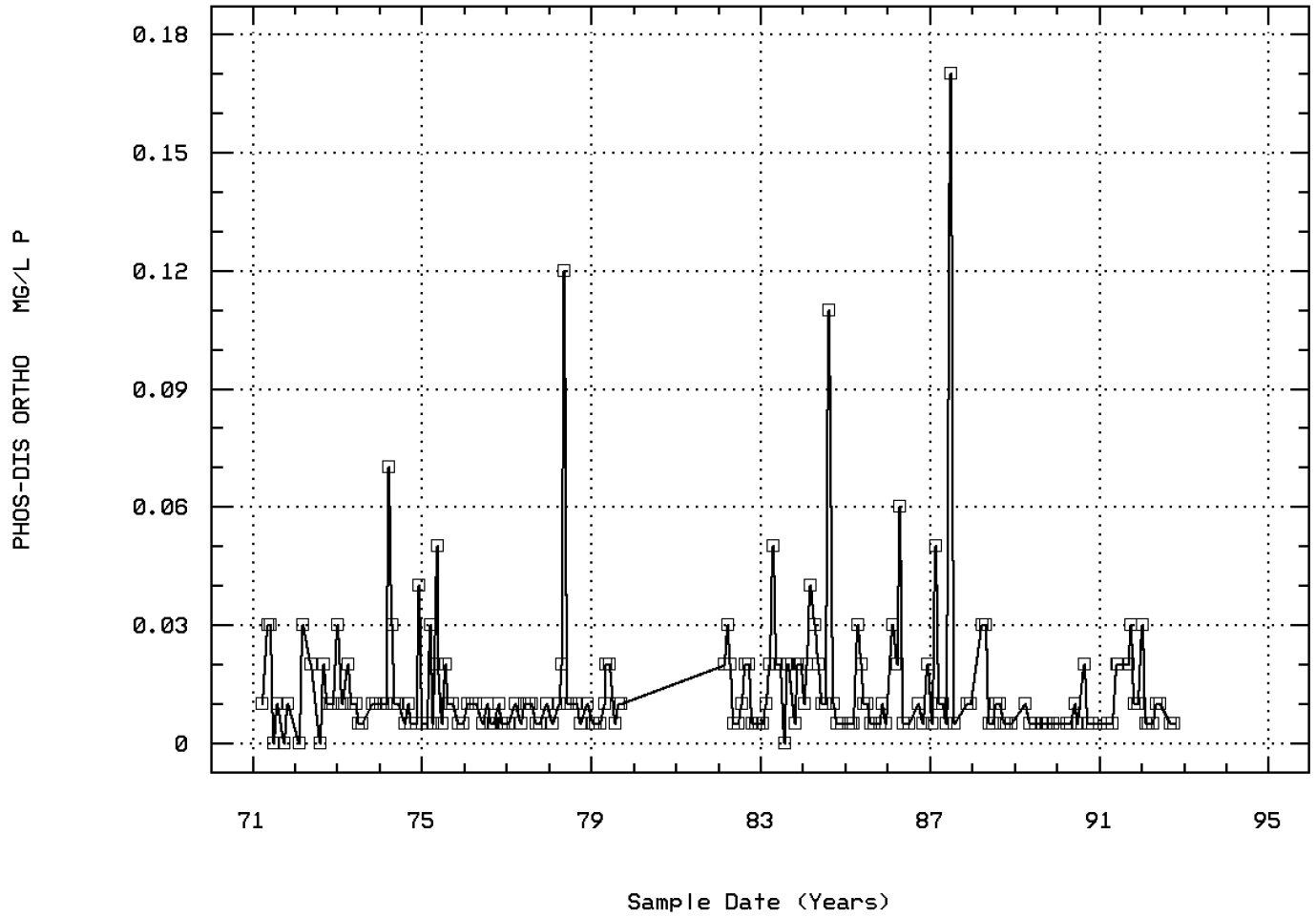
GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00671

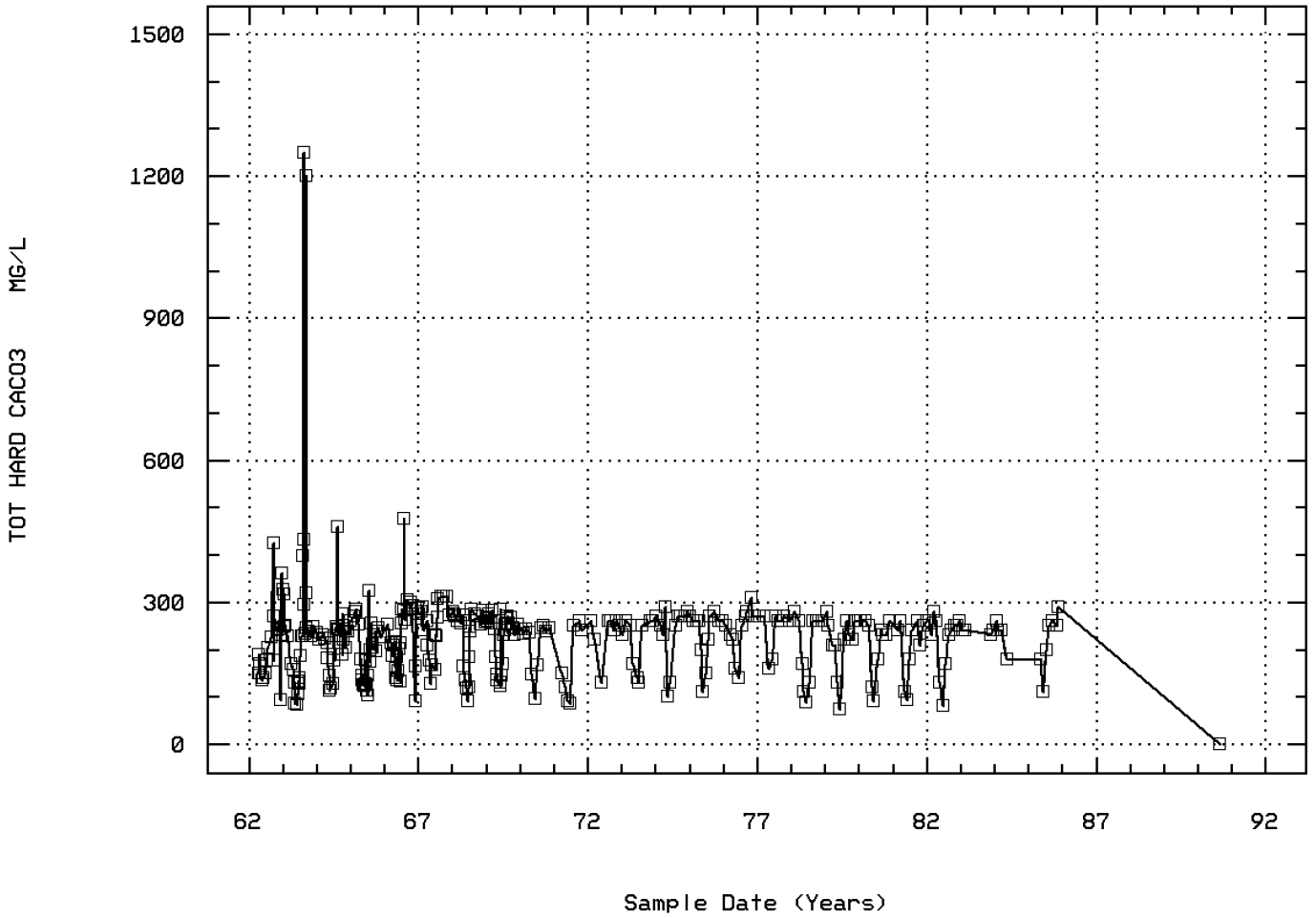
PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



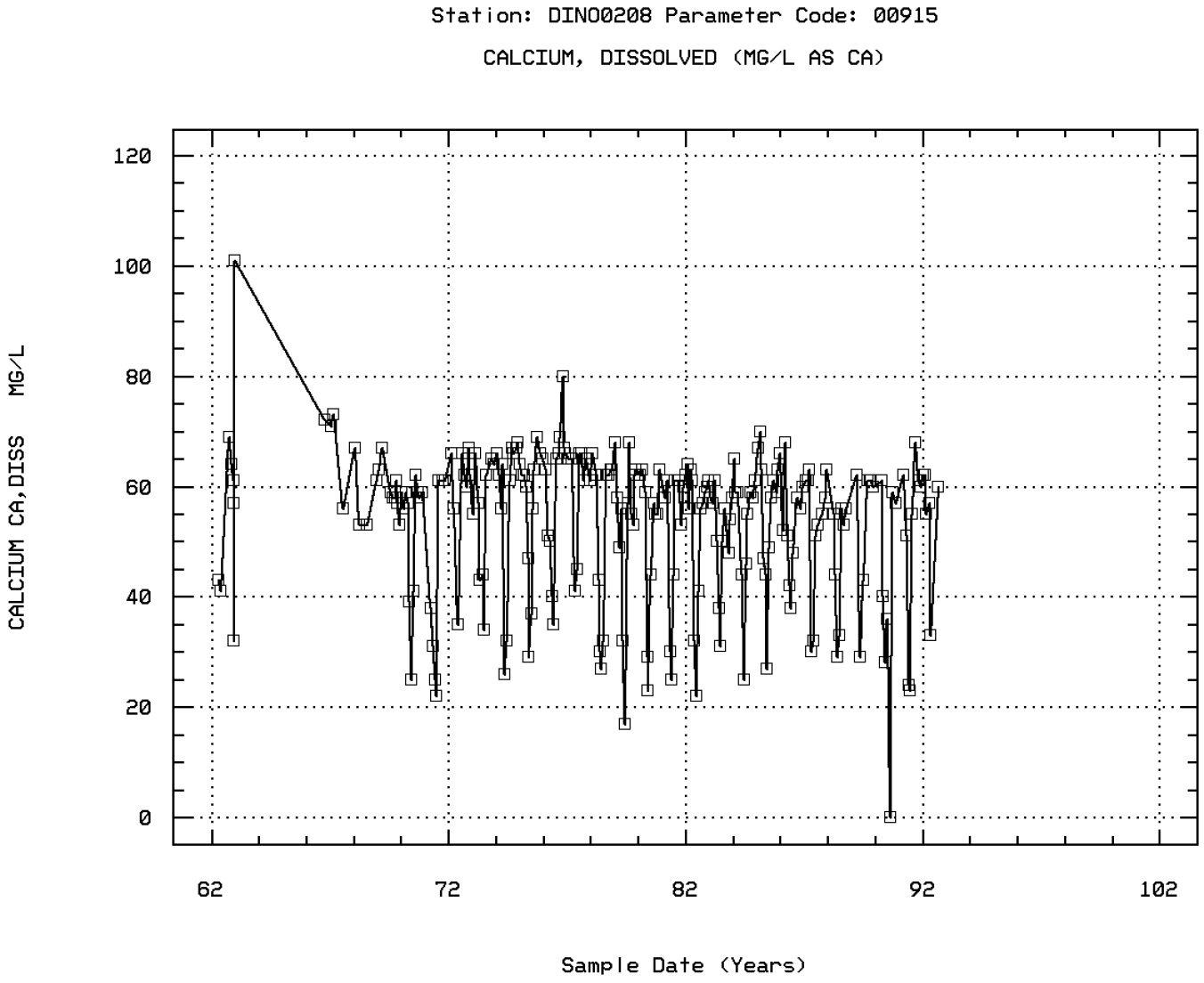
GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00900

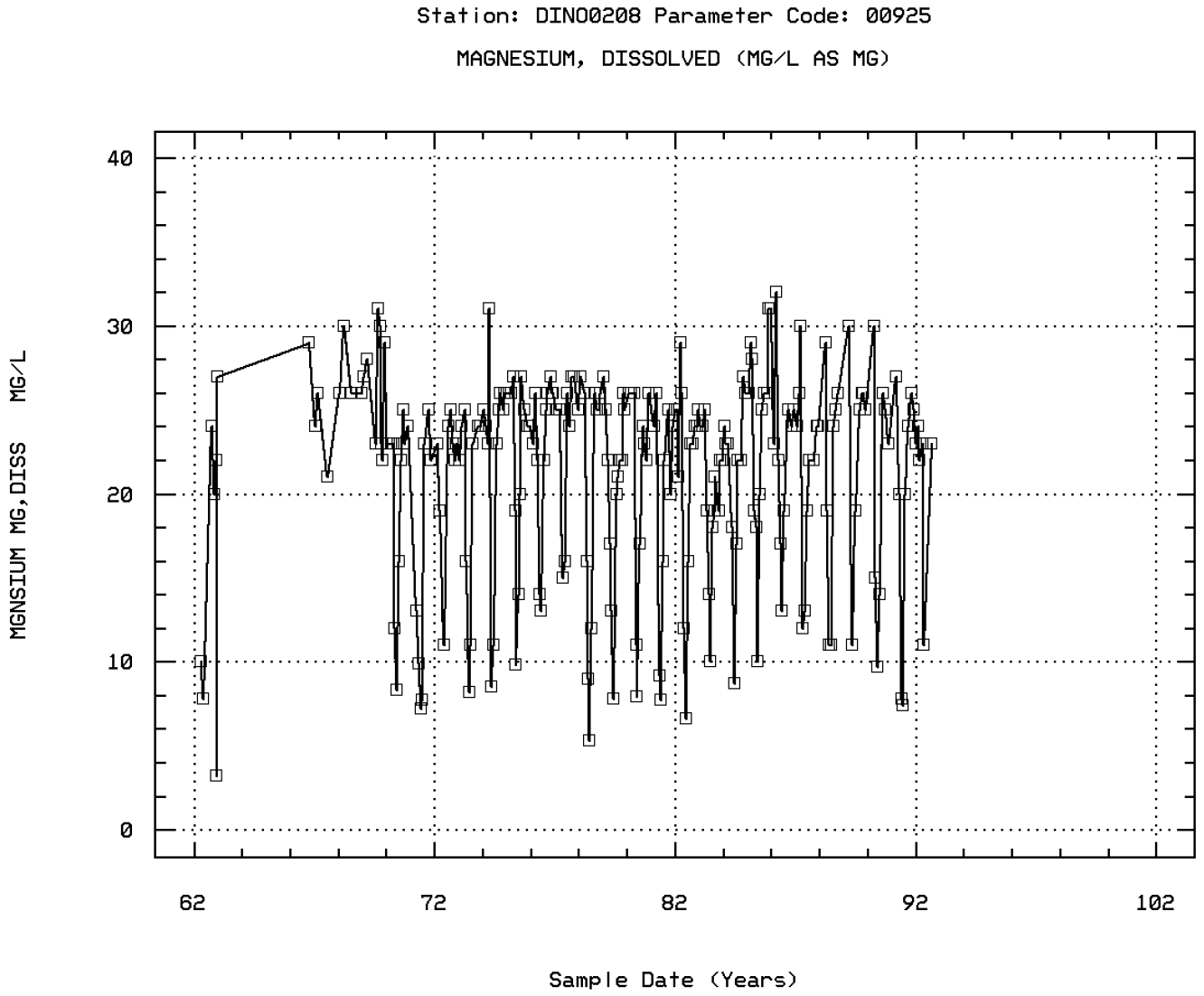
HARDNESS, TOTAL (MG/L AS CACO3)



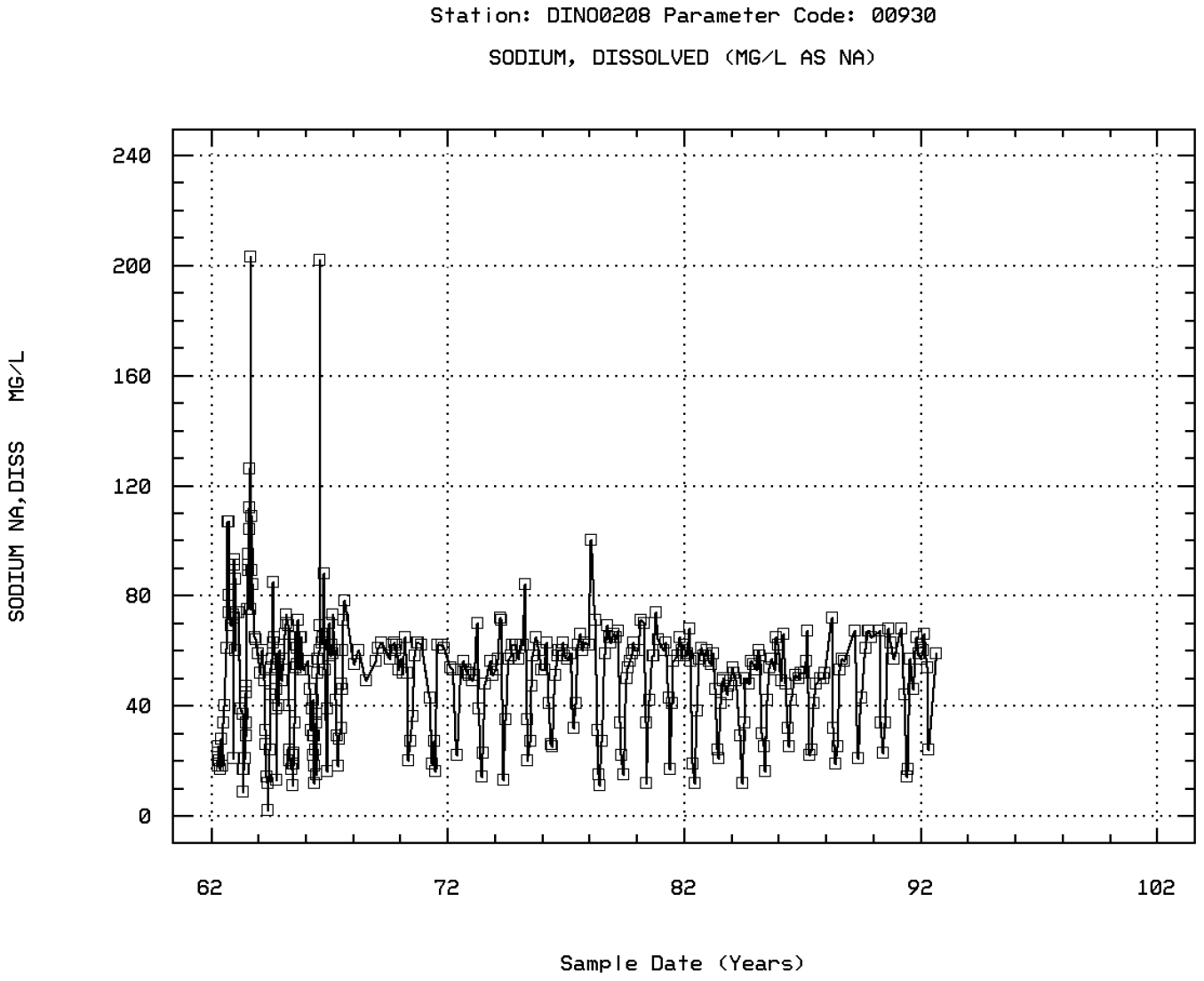
GREEN RIVER NEAR JENSEN, UTAH



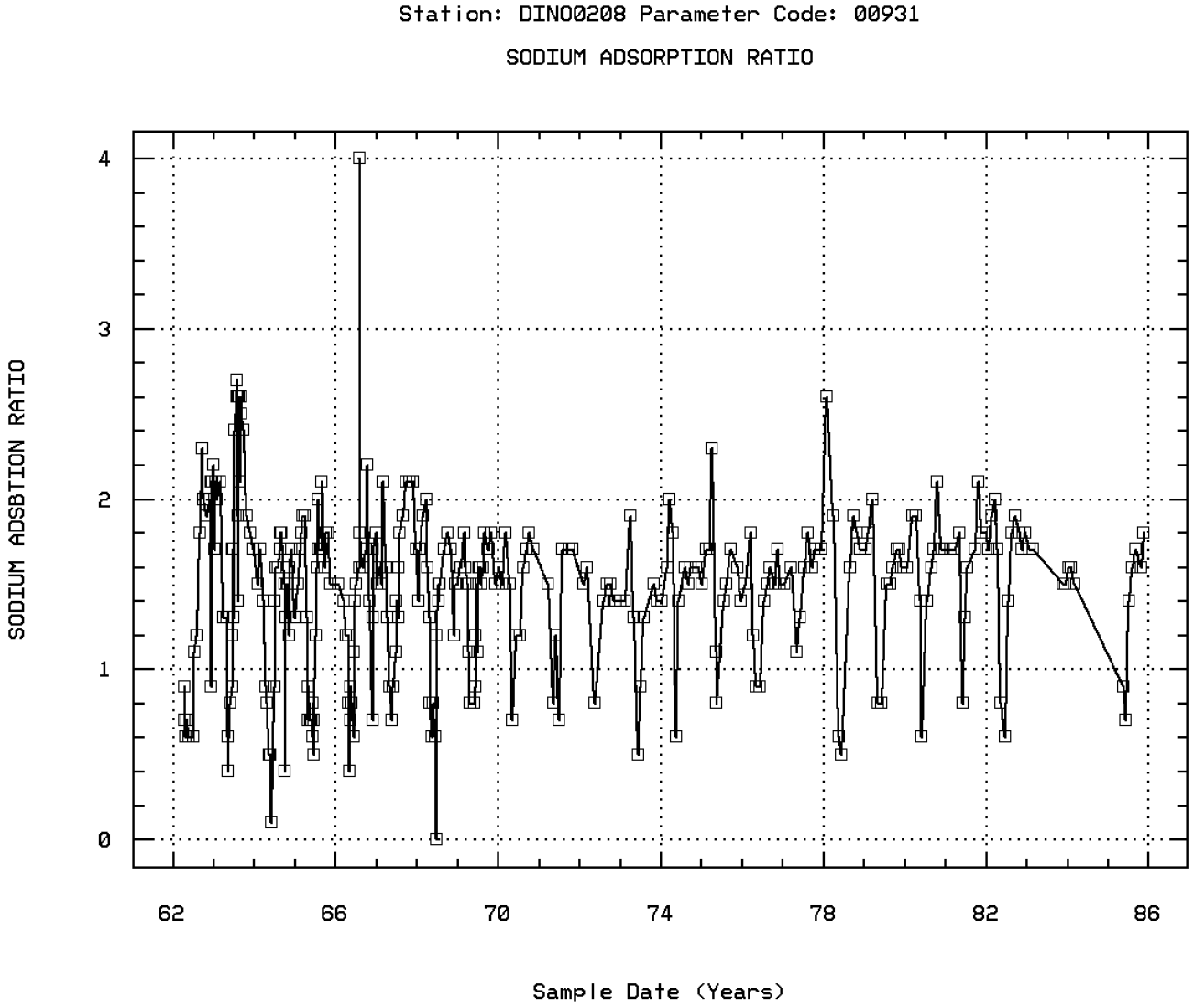
GREEN RIVER NEAR JENSEN, UTAH



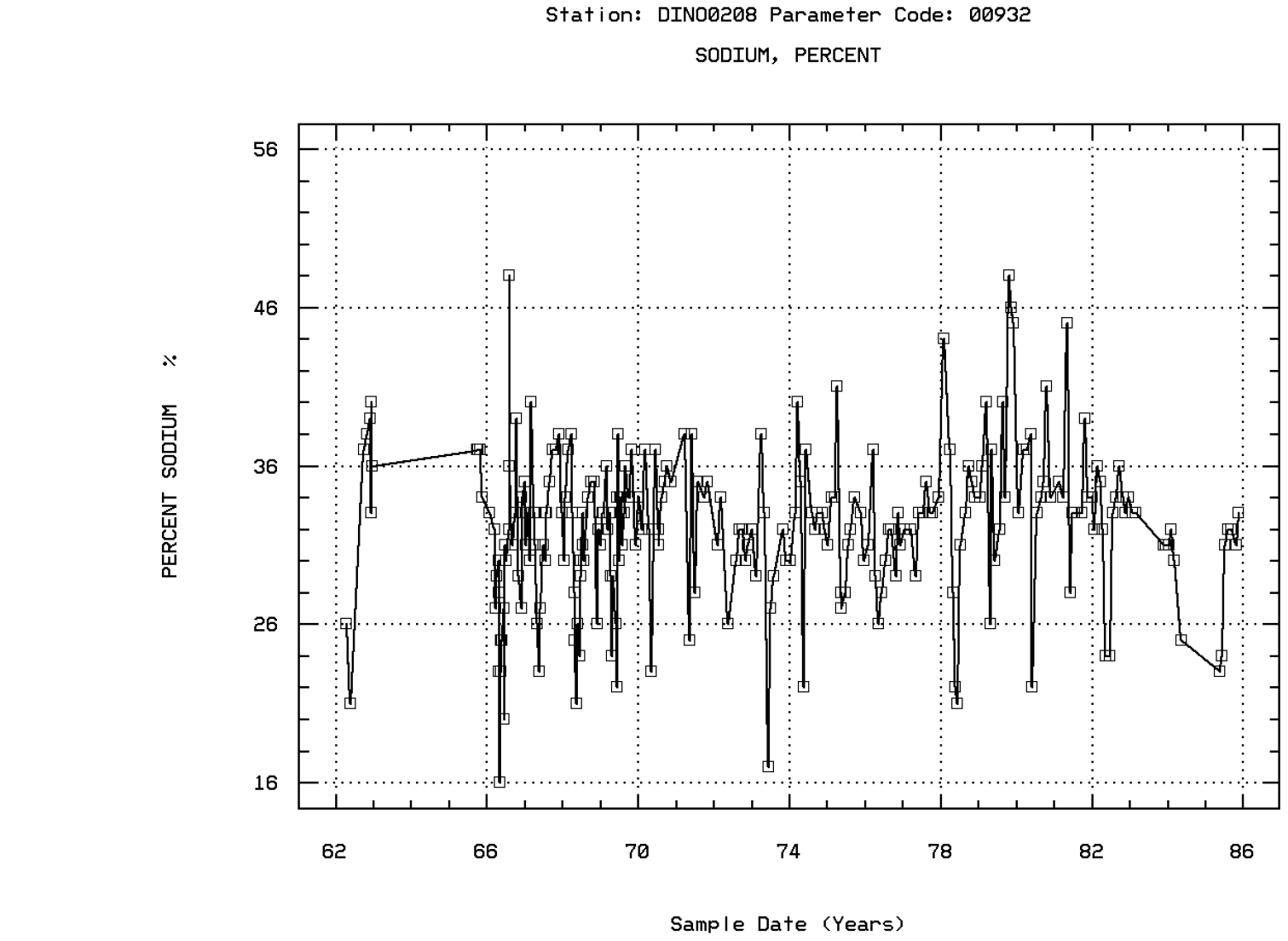
GREEN RIVER NEAR JENSEN, UTAH



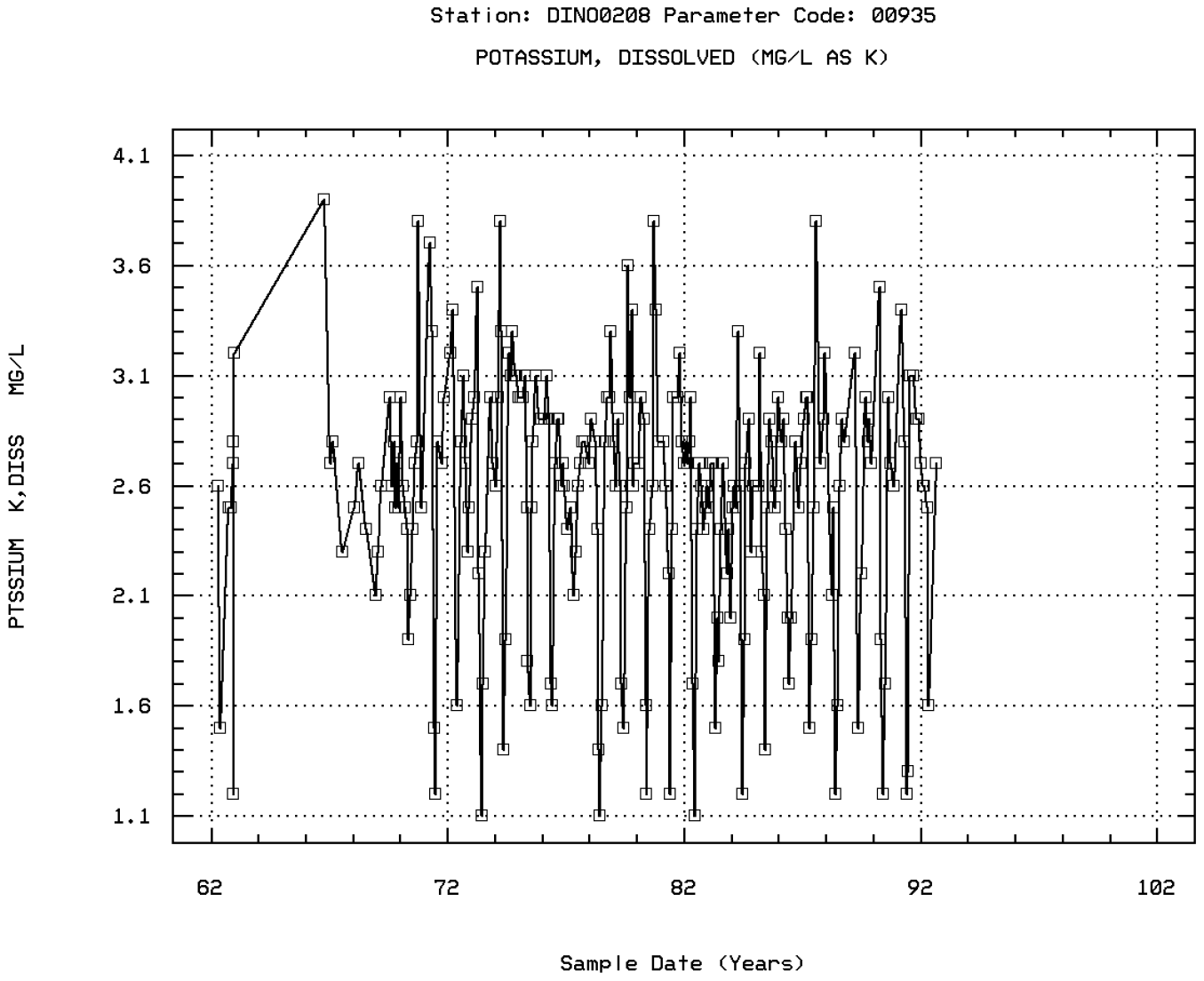
GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH



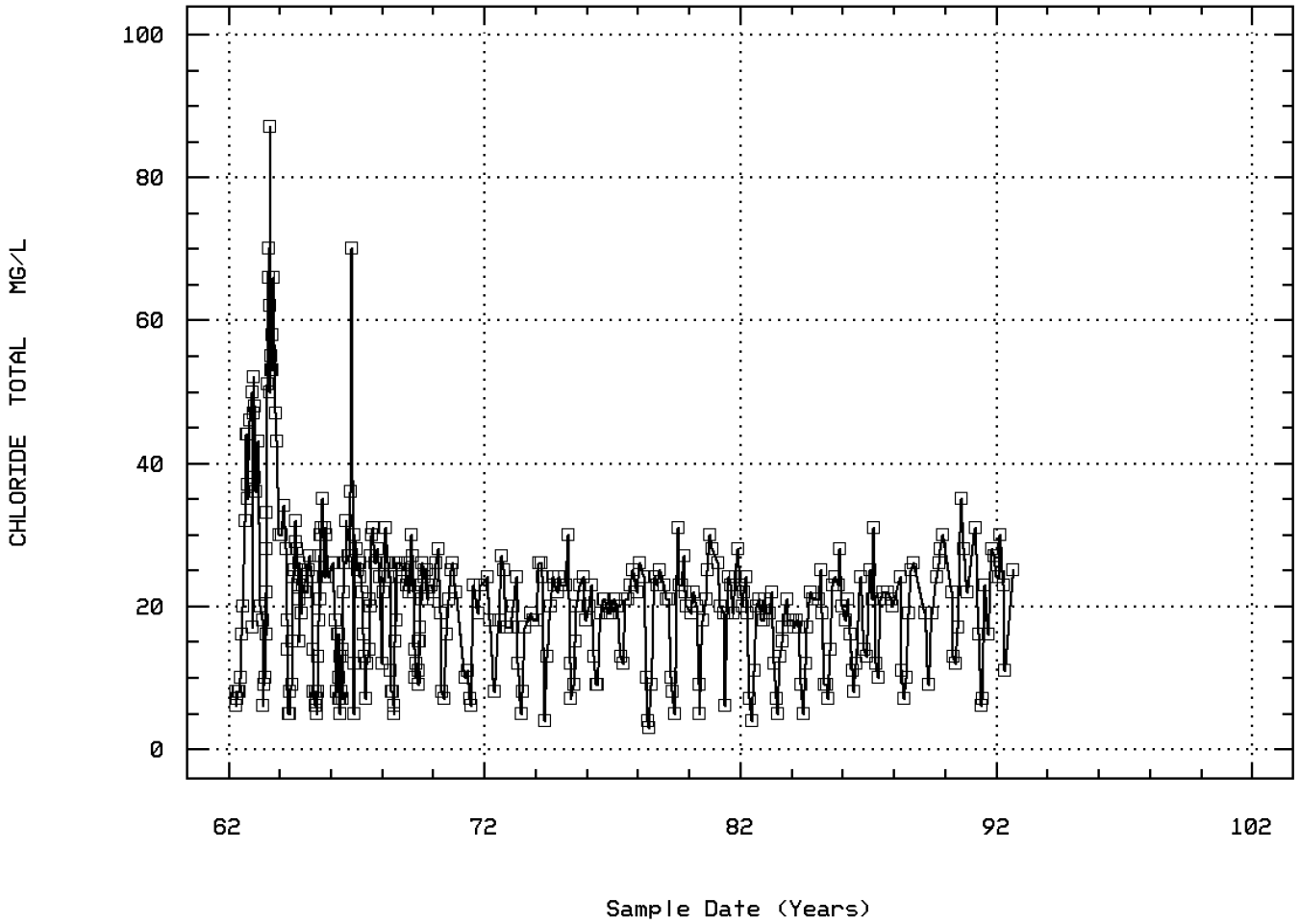
GREEN RIVER NEAR JENSEN, UTAH



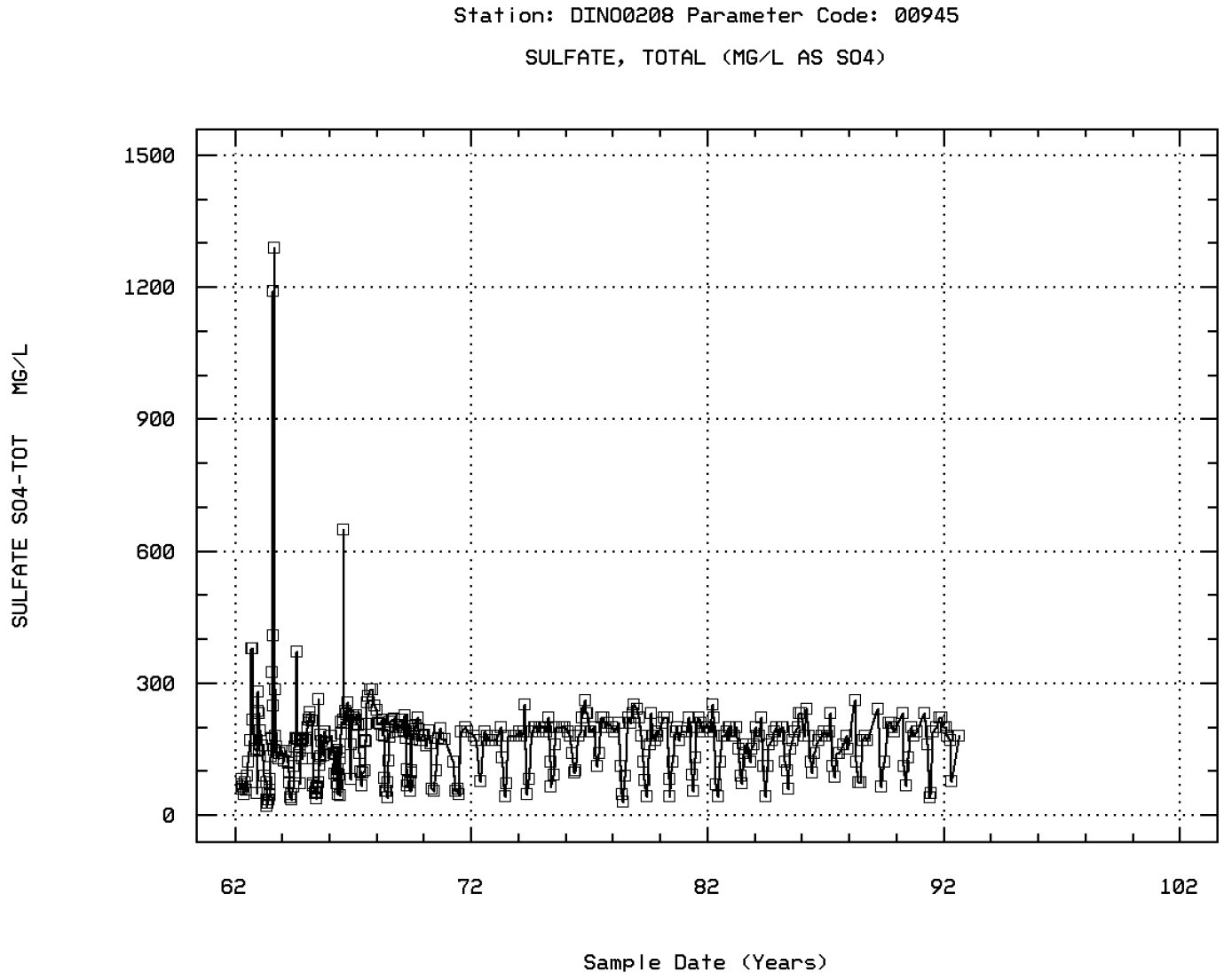
GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00940

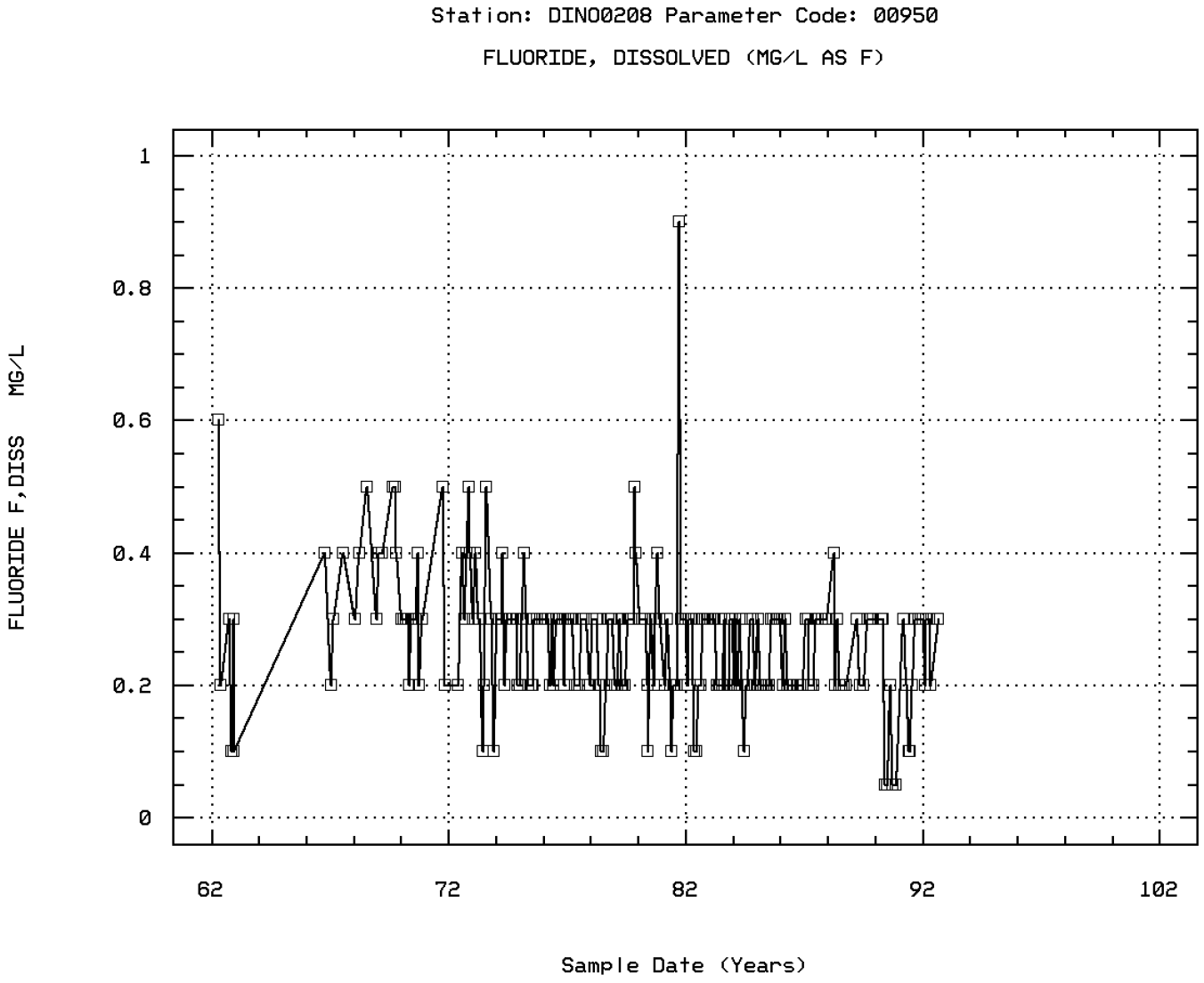
CHLORIDE,TOTAL IN WATER



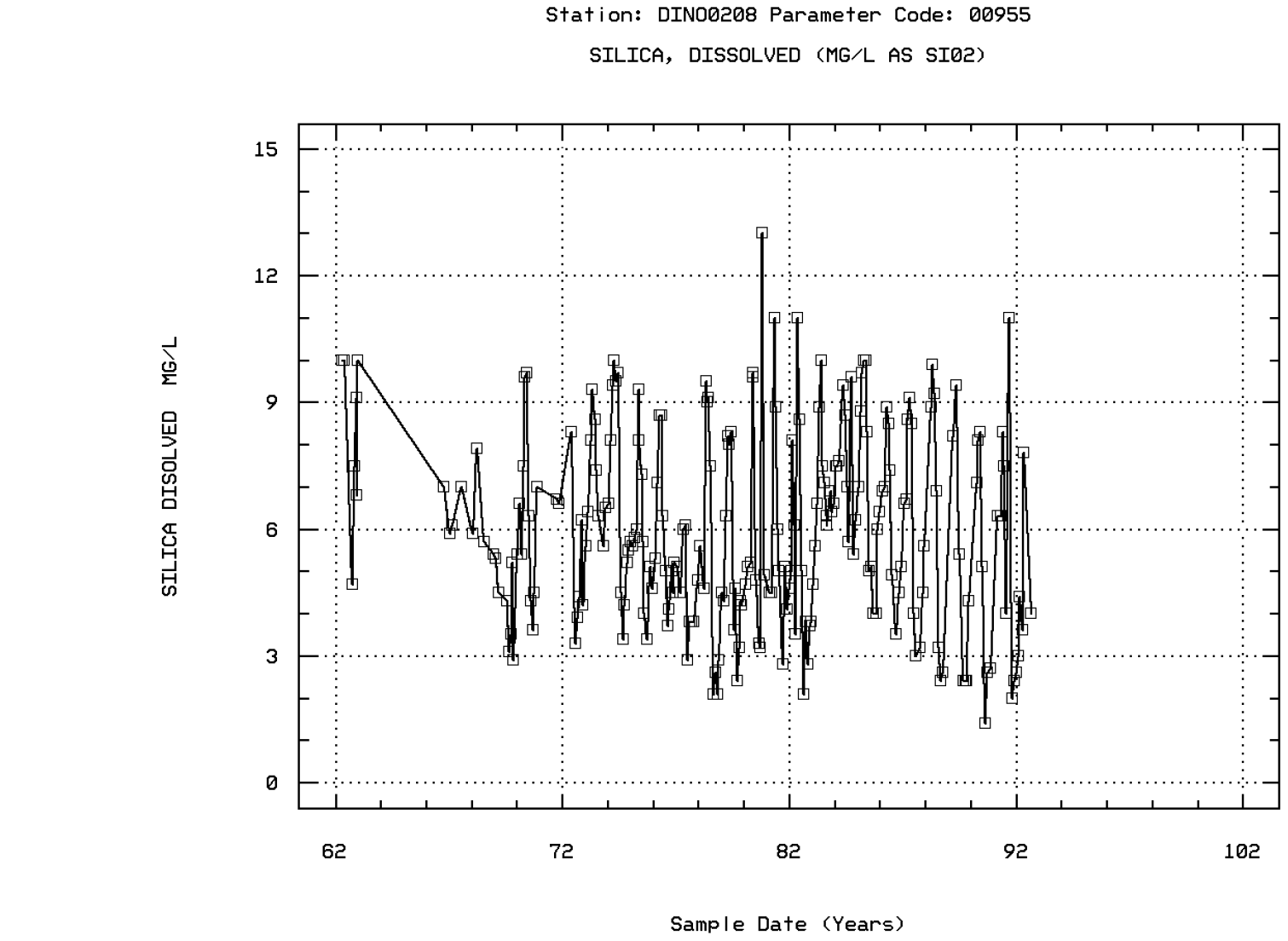
GREEN RIVER NEAR JENSEN, UTAH



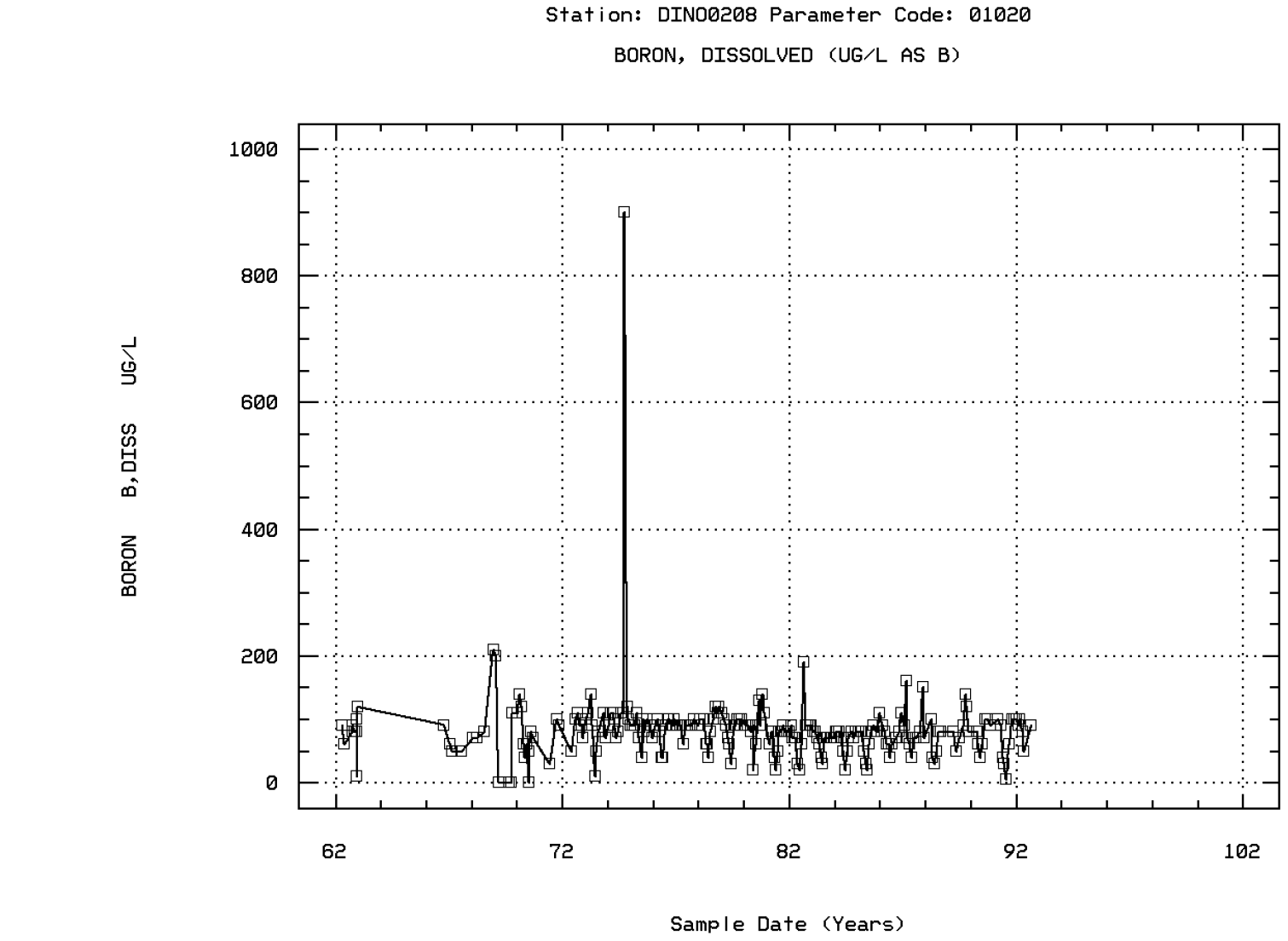
GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH



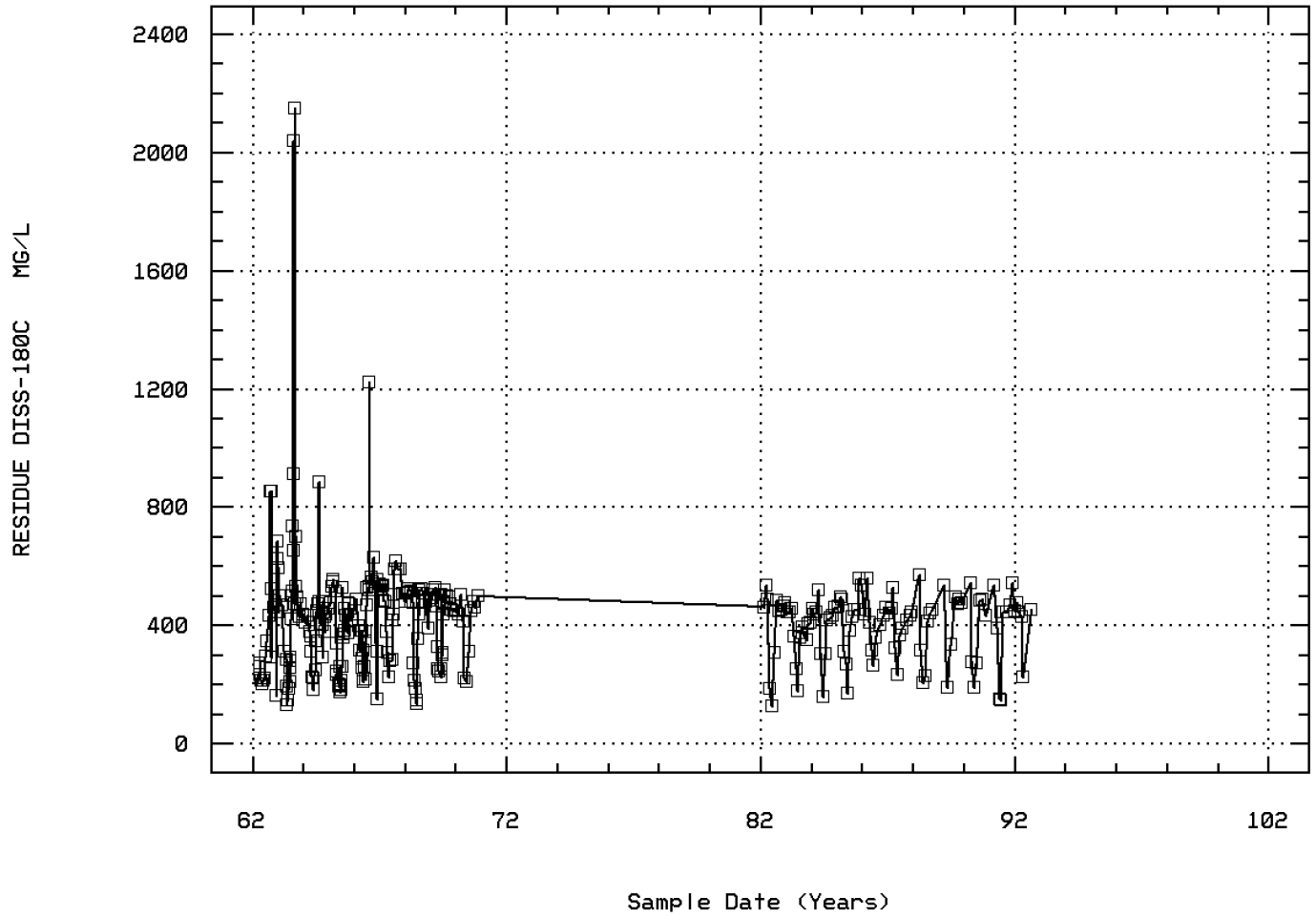
GREEN RIVER NEAR JENSEN, UTAH



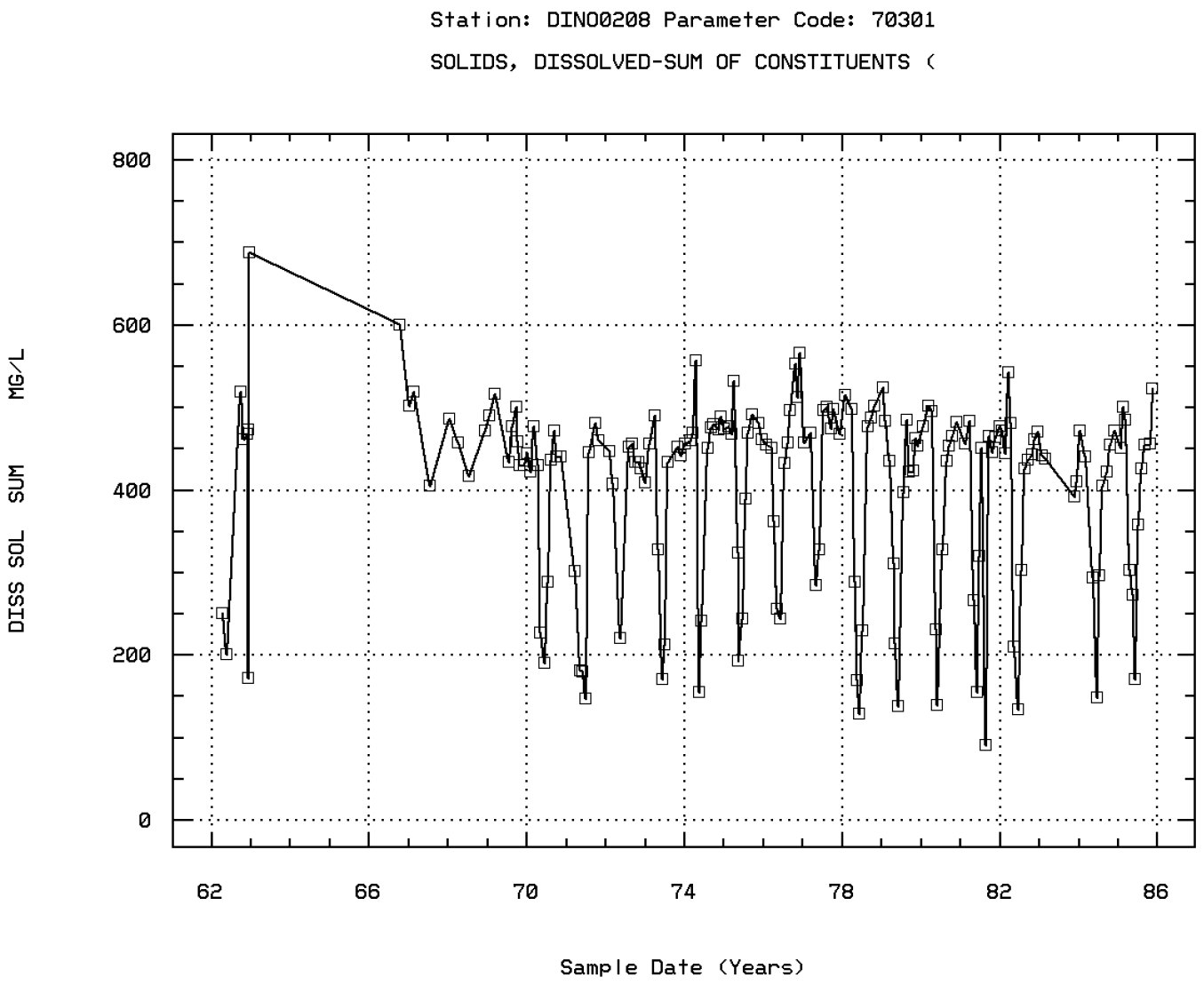
GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 70300

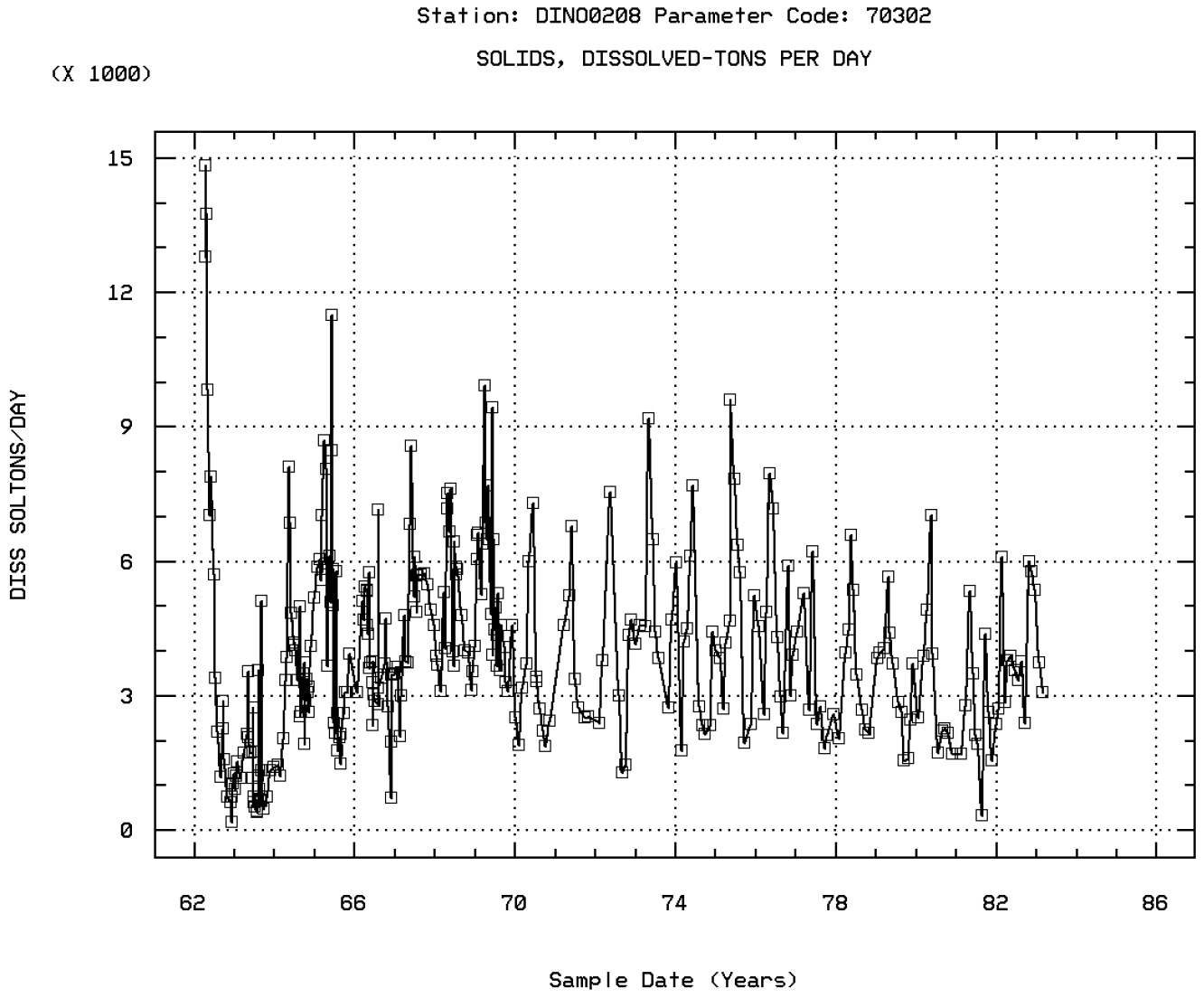
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



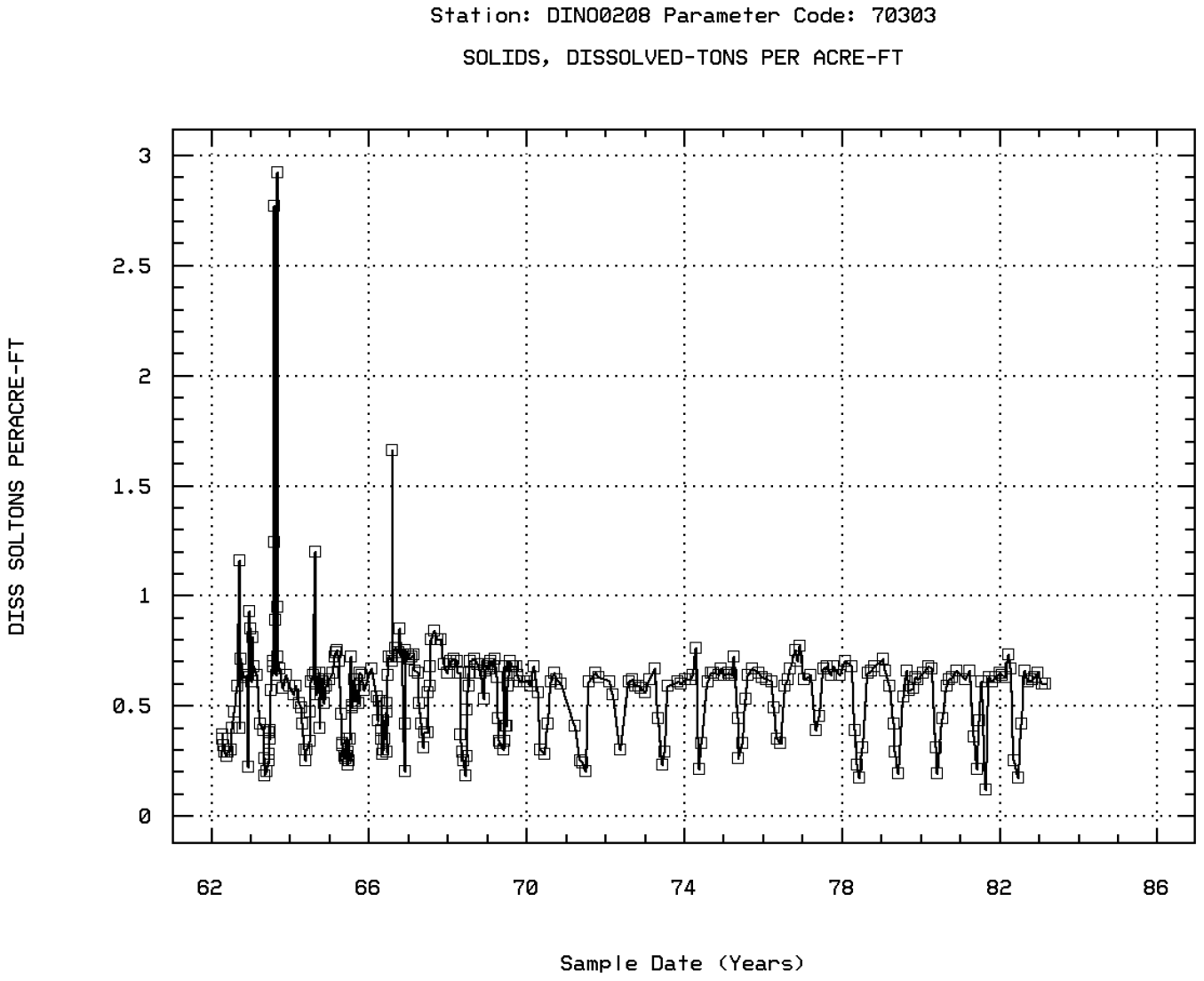
GREEN RIVER NEAR JENSEN, UTAH



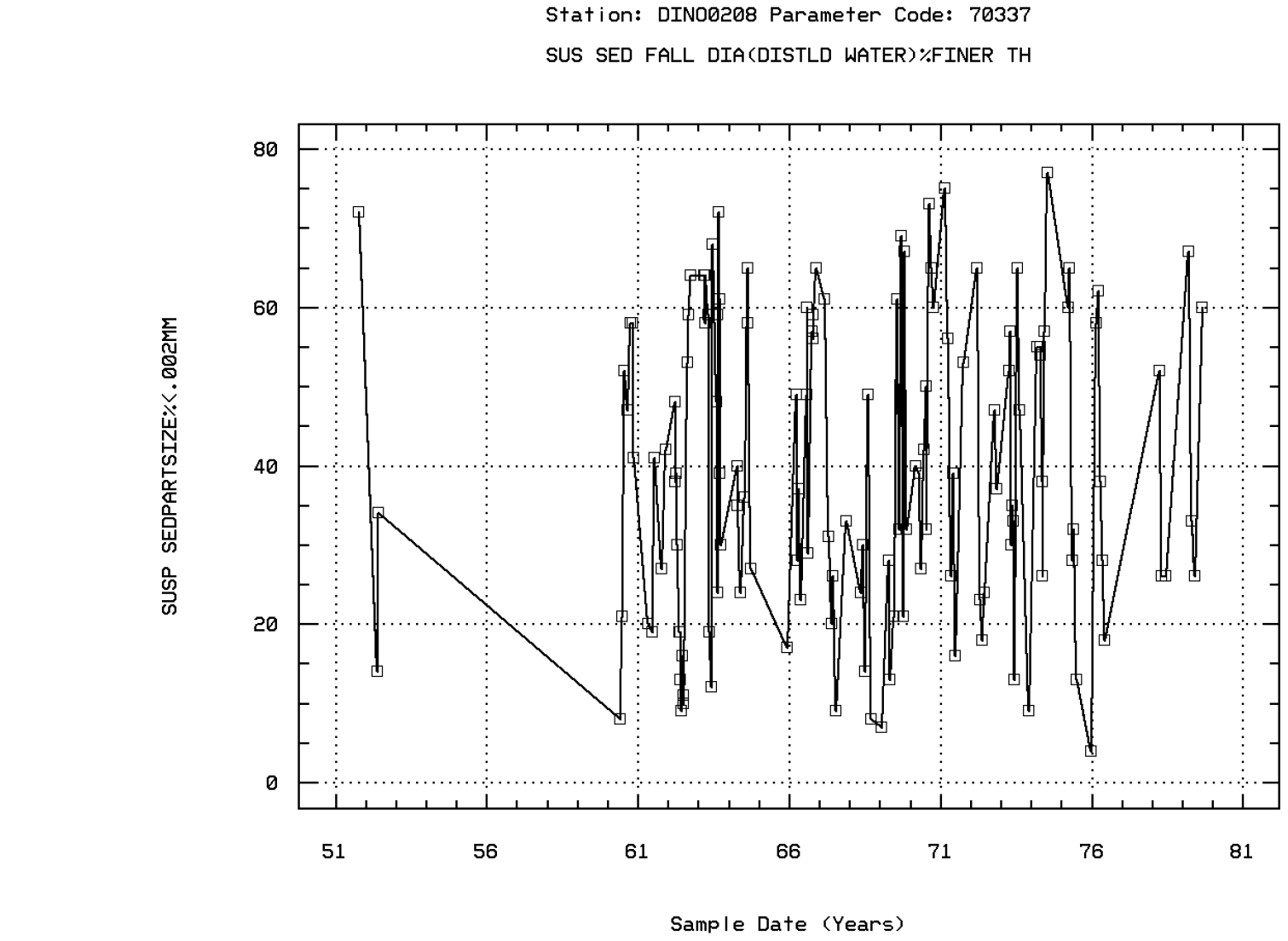
GREEN RIVER NEAR JENSEN, UTAH



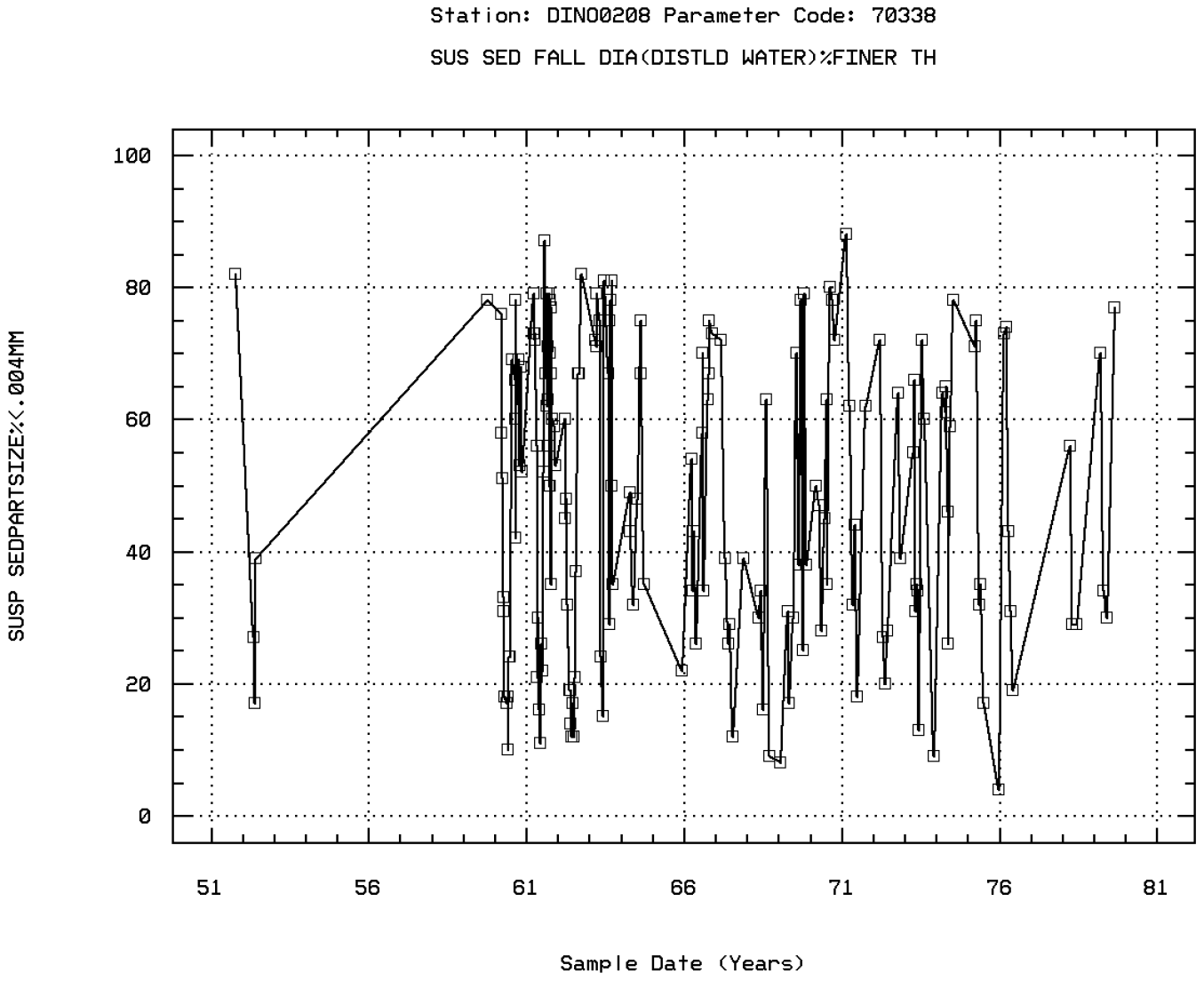
GREEN RIVER NEAR JENSEN, UTAH



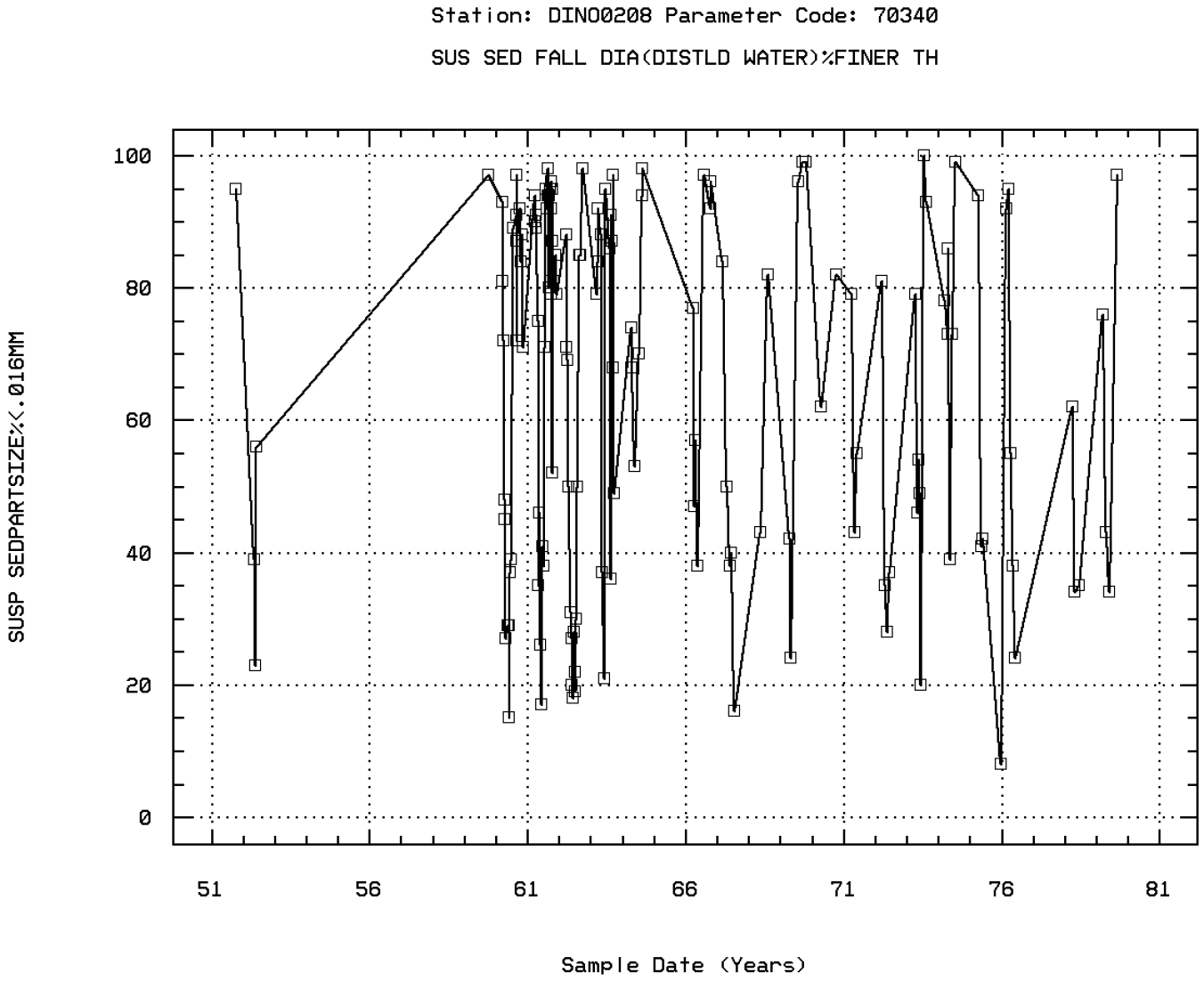
GREEN RIVER NEAR JENSEN, UTAH



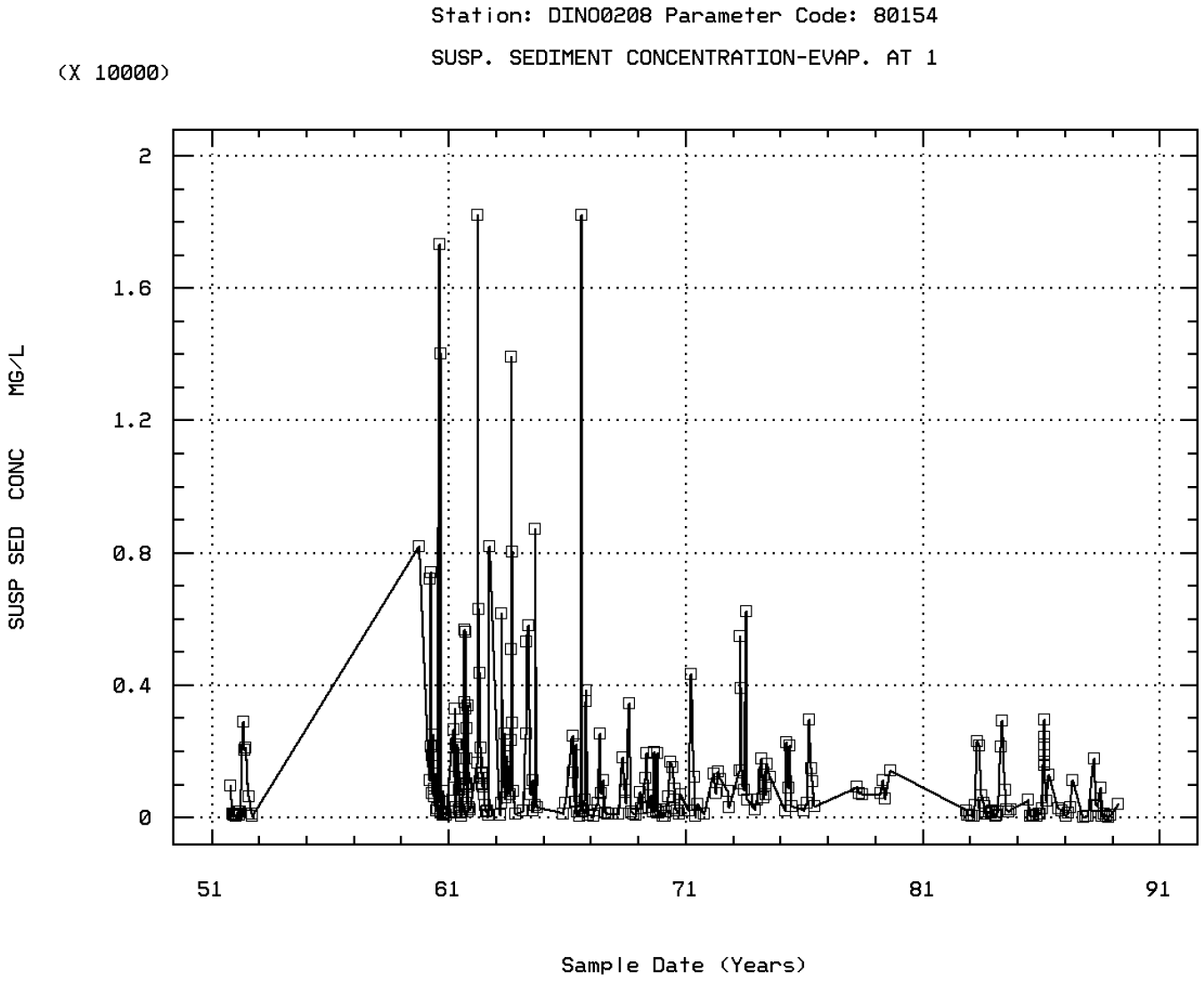
GREEN RIVER NEAR JENSEN, UTAH



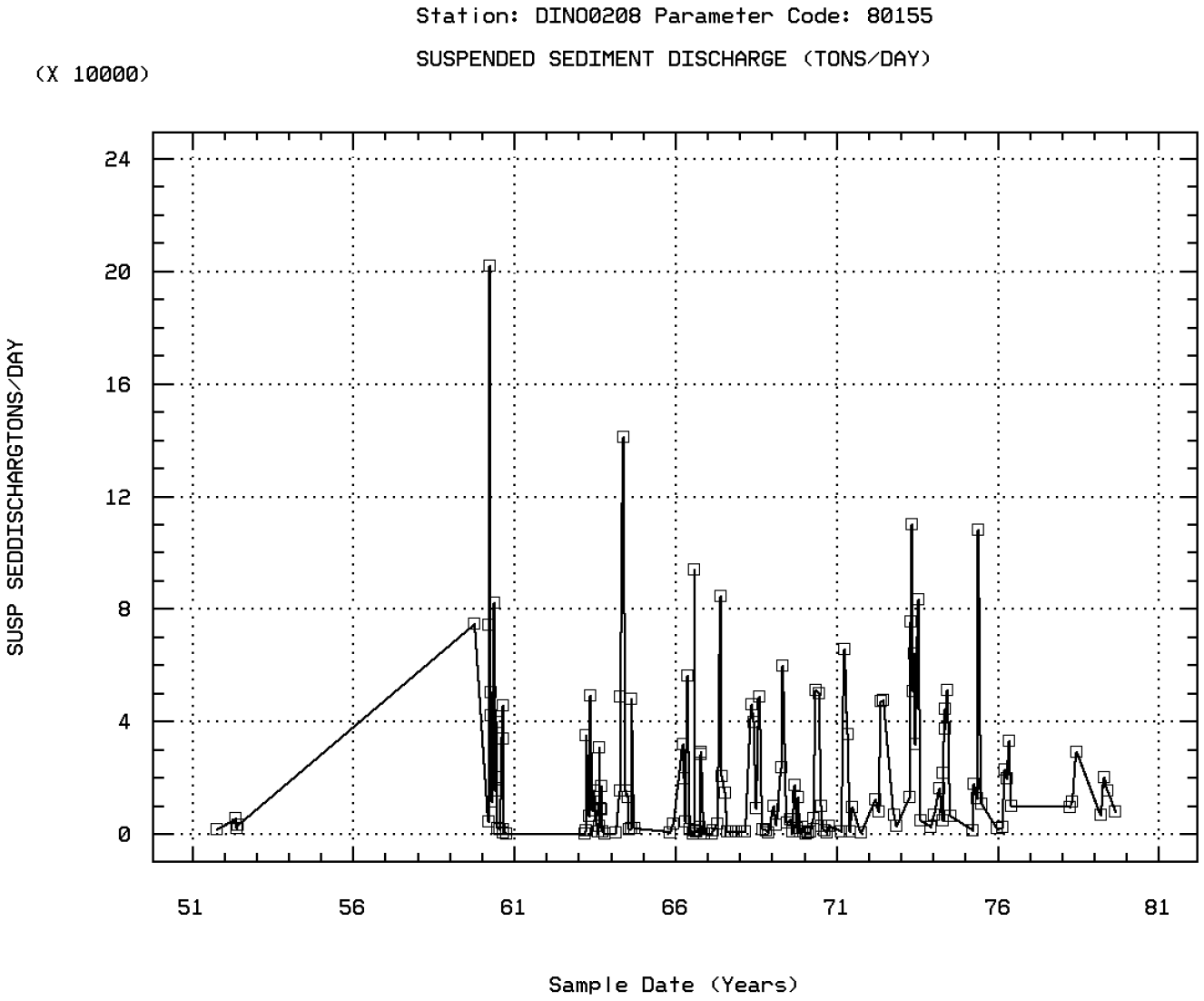
GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH

Annual Analysis for 1951 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	4	1235.	1410.	2050.	1120.	185133.333	430.271	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	4	78.	81.	98.	70.	166.667	12.91	**	**	**	**
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	3	81.	82.667	90.	77.	44.333	6.658	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	3	93.	93.333	99.	88.	30.333	5.508	**	**	**	**
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	3	100.	98.333	100.	95.	8.333	2.887	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	1	72.	72.	72.	72.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	1	82.	82.	82.	82.	0.	0.	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	1	95.	95.	95.	95.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	4	90.	293.	940.	52.	186692.	432.079	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	1	1670.	1670.	1670.	1670.	0.	0.	**	**	**	**

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

Annual Analysis for 1952 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	14	1365.	6318.571	29000.	780.	99362105.495	9968.054	990.	1290.	6535.	27700.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	14	65.	67.214	97.	39.	356.335	18.877	40.	53.5	81.25	95.5
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	14	85.	81.571	100.	51.	215.802	14.69	57.	70.5	92.5	99.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	13	96.	93.538	100.	80.	40.103	6.333	81.2	90.	98.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	10	99.5	98.5	100.	93.	5.167	2.273	93.4	97.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	2	24.	24.	34.	14.	200.	14.142	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	3	27.	27.667	39.	17.	121.333	11.015	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	3	39.	39.333	56.	23.	272.333	16.503	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	14	141.	619.214	2870.	41.	919518.181	958.915	45.	65.25	969.5	2490.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	3	3190.	3493.333	5490.	1800.	3473033.333	1863.608	**	**	**	**

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

Annual Analysis for 1959 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	1	3380.	3380.	3380.	3380.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	2	3380.	3380.	3380.	3380.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	1	78.	78.	78.	78.	0.	0.	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	1	97.	97.	97.	97.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	2	8190.	8190.	8190.	8190.	0.	0.	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	1	74800.	74800.	74800.	74800.	0.	0.	**	**	**	**

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

Annual Analysis for 1960 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	25	16.7	13.076	22.2	2.2	43.329	6.583	2.86	7.75	18.9	20.
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	17	3910.	5289.882	12200.	717.	17680109.61	4204.772	762.6	1033.5	9455.	11480.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	25	3810.	4663.4	12200.	717.	16530347.25	4065.753	849.6	1080.	8800.	11300.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	25	91.	80.56	100.	31.	467.007	21.61	43.	64.	99.5	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	19	86.	81.947	100.	49.	297.497	17.248	51.	74.	98.	99.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	18	95.	92.778	100.	74.	71.007	8.427	74.	88.	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	13	100.	97.077	100.	84.	34.244	5.852	84.	98.	100.	100.

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

Annual Analysis for 1960 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	7	47.	40.714	58.	8.	370.571	19.25	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	20	51.5	45.85	78.	10.	494.661	22.241	17.1	24.	67.5	75.3
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	20	72.	64.3	97.	15.	748.853	27.365	27.2	37.5	88.75	92.9
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	25	858.	3433.24	17300.	56.	28371577.107	5326.498	80.2	223.5	4850.	15320.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	17	20000.	36843.059	202000.	108.	2491052050.059	49910.44	288.8	1745.	47900.	106000.

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

Annual Analysis for 1961 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	35	12.8	13.274	23.9	0.	48.961	6.997	2.78	8.9	20.6	22.44
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	35	2380.	3762.514	21200.	938.	16172351.845	4021.486	1210.	1490.	3130.	9800.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	35	95.	85.086	100.	30.	366.492	19.144	54.4	67.	98.	99.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	33	98.	90.242	100.	38.	242.189	15.562	59.6	88.	99.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	26	98.5	93.615	100.	58.	111.046	10.538	75.7	93.5	99.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	21	100.	97.762	100.	85.	25.89	5.088	85.4	99.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	5	27.	29.8	42.	19.	123.7	11.122	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	30	61.	56.467	87.	11.	454.947	21.329	21.1	46.25	73.	79.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	30	83.	75.633	98.	17.	557.964	23.621	35.3	66.25	94.	95.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	35	1030.	1576.4	5670.	42.	2182588.776	1477.359	153.8	293.	2210.	3408.

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

Annual Analysis for 1962 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	16	16.1	15.219	23.9	2.8	43.851	6.622	2.8	11.525	21.55	22.71
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	19	1112.	6724.211	21760.	386.	62534935.287	7907.903	488.	593.	13780.	20200.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	16	12100.	10923.75	24100.	1070.	42977051.667	6555.688	1644.	4020.	14865.	20320.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	19	489.	606.316	1180.	270.	81855.673	286.104	336.	365.	756.	1180.
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	19	7.7	7.758	8.2	7.3	0.063	0.25	7.3	7.7	7.8	8.2
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	19	7.7	7.692	8.2	7.3	0.067	0.259	7.3	7.7	7.8	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	19	0.02	0.02	0.05	0.006	0.	0.012	0.006	0.016	0.02	0.05
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	18	5.2	5.378	20.	0.8	16.284	4.035	1.7	3.75	6.1	8.03
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	18	137.	140.889	207.	69.	1137.987	33.734	105.9	116.75	159.5	203.4
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	19	167.	175.789	252.	84.	1898.62	43.573	134.	144.	203.	248.
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	19	190.	218.789	426.	93.	8936.953	94.535	134.	149.	244.	426.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	19	46.	74.789	223.	24.	3911.064	62.539	24.	32.	88.	223.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	8	59.	58.5	101.	32.	457.714	21.394	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	8	21.	17.	27.	3.2	76.011	8.718	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	19	40.	51.579	107.	17.	1019.035	31.922	18.	21.	74.	107.
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	19	1.1	1.358	2.3	0.6	0.419	0.647	0.6	0.7	2.	2.3
00932p	SODIUM, PERCENT	04/20/62-11/21/85	8	36.5	33.75	40.	21.	46.214	6.798	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	8	2.55	2.375	3.2	1.2	0.456	0.676	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	19	20.	25.947	50.	6.	300.497	17.335	7.	8.	44.	50.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	19	121.	148.263	379.	48.	10993.538	104.85	49.	64.	215.	379.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	7	0.2	0.243	0.6	0.1	0.033	0.181	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	8	9.1	8.4	10.	4.7	3.674	1.917	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	9	80.	78.889	120.	10.	936.111	30.596	10.	70.	95.	120.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	19	294.	391.579	854.	160.	44936.146	211.981	200.	221.	469.	854.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	8	464.	403.75	688.	172.	32145.071	179.29	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	19	2270.01	4780.704	14830.1	167.	23326409.712	4829.742	615.	1040.01	7890.	13750.1
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	19	0.4	0.534	1.16	0.22	0.083	0.288	0.27	0.3	0.64	1.16

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

Annual Analysis for 1962 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	16	73.5	72.625	100.	38.	485.983	22.045	42.2	53.5	95.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	13	82.	84.385	99.	69.	99.59	9.979	71.4	75.	94.	97.8
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	13	97.	96.692	100.	92.	7.231	2.689	92.4	94.	99.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	11	100.	100.	100.	100.	0.	0.	100.	100.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	14	24.5	30.571	64.	9.	378.418	19.453	9.5	12.5	49.25	61.5
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	16	26.5	35.25	82.	12.	548.2	23.414	12.	14.75	57.	71.5
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	16	40.5	49.438	98.	18.	829.196	28.796	18.7	23.25	81.5	91.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	16	1255.	2998.438	18200.	64.	21827742.929	4672.017	140.3	444.5	3780.	11200.

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

Annual Analysis for 1963 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	15	17.2	16.507	25.6	3.3	32.338	5.687	7.98	12.8	19.4	24.88
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	44	784.5	1632.909	7240.	290.	3266100.875	1807.236	349.5	499.	2086.	4834.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	29	755.	784.483	2330.	202.	240878.044	490.793	288.	443.5	954.5	1300.
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	29	7.5	7.514	7.9	7.1	0.029	0.171	7.4	7.4	7.6	7.7
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	29	7.5	7.48	7.9	7.1	0.03	0.174	7.4	7.4	7.6	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	29	0.032	0.033	0.079	0.013	0.	0.015	0.02	0.025	0.04	0.04
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	29	8.4	10.193	34.	4.	44.247	6.652	4.6	6.4	12.5	16.
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	29	162.	152.034	217.	75.	1268.82	35.621	102.	129.	173.	195.
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	29	198.	185.345	264.	91.	1886.091	43.429	124.	157.5	211.	238.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	29	229.	287.621	1250.	84.	75203.03	274.232	106.	136.5	305.	432.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	29	68.	136.138	1070.	0.	64719.695	254.401	3.	23.	120.5	272.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	29	74.	71.059	203.	8.7	1646.971	40.583	17.	38.	91.	112.
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	29	1.9	1.841	2.7	0.4	0.435	0.659	0.8	1.3	2.45	2.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	29	47.	41.793	87.	6.	467.17	21.614	9.	21.	56.5	66.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	29	147.	222.103	1290.	20.	88465.382	297.431	34.	65.	233.	407.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	29	472.	549.414	2150.	131.	218993.823	467.968	184.	281.5	610.	913.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	29	1200.01	1452.733	5100.	402.	1190088.874	1090.912	462.4	678.5	1725.01	3540.01
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	29	0.64	0.747	2.92	0.18	0.404	0.635	0.25	0.385	0.83	1.24
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	1	94.	94.	94.	94.	0.	0.	**	**	**	**
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	1	99.	99.	99.	99.	0.	0.	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	14	58.5	48.357	72.	12.	393.478	19.836	15.5	28.5	64.	70.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	14	71.5	59.429	81.	15.	564.11	23.751	19.5	33.5	78.25	81.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	14	85.	72.143	97.	21.	650.132	25.498	28.5	46.	91.25	96.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	15	1850.	3088.067	13900.	69.	14584662.352	3818.987	84.6	594.	5090.	10372.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	15	8450.	12371.8	49300.	90.	220932390.029	14863.795	114.	915.	16900.	40600.

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

Annual Analysis for 1964 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	10	15.	13.35	22.2	1.7	36.034	6.003	2.09	10.175	16.975	21.76
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	35	2710.	3847.257	14010.	1023.	9751864.667	3122.798	1268.	2090.	4230.	8515.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	25	639.	589.16	1090.	272.	28345.39	168.361	324.	483.	669.5	692.2
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	25	7.7	7.696	8.1	7.4	0.032	0.179	7.46	7.6	7.8	7.98
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	25	7.7	7.663	8.1	7.4	0.033	0.182	7.46	7.6	7.8	7.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	25	0.02	0.022	0.04	0.008	0.	0.008	0.011	0.016	0.025	0.035
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	25	5.4	6.328	13.	1.5	8.043	2.836	2.5	4.8	7.8	10.8
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	25	154.	147.76	214.	95.	638.607	25.271	101.2	134.	161.	169.4
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	25	188.	180.12	261.	116.	948.527	30.798	123.2	163.	196.	206.4

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Annual Analysis for 1964 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	25	228.	220.56	460.	112.	4454.923	66.745	123.6	185.	244.	261.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	25	71.	72.8	246.	16.	2040.583	45.173	17.	47.5	87.	105.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	25	52.	44.56	85.	2.	401.173	20.029	12.6	28.5	58.	63.8
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	25	1.5	1.264	1.8	0.1	0.24	0.49	0.46	0.9	1.65	1.74
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	25	24.	21.4	34.	5.	69.5	8.337	6.8	15.	28.	30.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	25	145.	135.92	370.	35.	4557.16	67.507	44.8	84.5	170.5	174.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	25	408.	400.44	882.	181.	17760.59	133.269	221.4	327.5	452.5	480.4
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	25	3337.01	3481.447	8098.	1196.01	2488017.179	1577.345	1432.61	2577.51	4123.	5724.6
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	25	0.55	0.544	1.2	0.25	0.033	0.181	0.3	0.445	0.615	0.65
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	3	100.	96.667	100.	90.	33.333	5.774	**	**	**	**
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	1	97.	97.	97.	97.	0.	0.	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	7	36.	40.714	65.	24.	235.238	15.337	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	7	48.	49.857	75.	32.	252.81	15.9	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	6	72.	76.167	98.	53.	288.167	16.975	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	10	915.5	2516.7	8700.	185.	9153298.678	3025.442	185.4	267.	5417.5	8410.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	10	14050.	28746.	141000.	550.	1883511493.333	43399.441	648.	1762.5	48150.	131790.

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Annual Analysis for 1965 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	2	7.25	7.25	8.9	5.6	5.445	2.333	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	29	4206.	5637.138	16370.	1425.	17654176.266	4201.687	1774.	2493.5	8768.5	12540.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	27	605.	563.444	842.	267.	36535.333	191.142	305.4	338.	735.	795.8
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	27	7.7	7.681	8.2	7.3	0.038	0.194	7.4	7.6	7.8	7.94
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	27	7.7	7.643	8.2	7.3	0.039	0.198	7.4	7.6	7.8	7.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	27	0.02	0.023	0.05	0.006	0.	0.01	0.012	0.016	0.025	0.04
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	27	5.5	5.681	11.	1.9	5.412	2.326	3.06	4.2	6.6	10.12
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	27	141.	131.963	164.	85.	681.96	26.114	90.8	107.	157.	162.
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	27	172.	160.926	200.	104.	1010.84	31.794	110.8	130.	191.	198.
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	27	199.	200.074	324.	104.	4044.148	63.594	121.6	136.	256.	281.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	27	62.	68.111	171.	14.	1751.41	41.85	20.6	28.	102.	119.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	27	53.	45.704	73.	11.	446.293	21.126	17.	22.	65.	70.2
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	27	1.5	1.359	2.1	0.5	0.249	0.499	0.68	0.8	1.8	1.92
00932p	SODIUM, PERCENT	04/20/62-11/21/85	4	37.	36.25	37.	34.	2.25	1.5	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	27	22.	19.667	35.	5.	94.	9.695	6.	8.	27.	31.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	27	133.	134.333	264.	36.	4703.692	68.583	49.8	63.	189.	224.2
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	27	375.	364.	555.	172.	16834.615	129.748	189.2	234.	476.	532.2
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	27	5080.	4854.823	11490.1	1470.01	6263171.322	2502.633	2010.01	2600.01	6040.	8524.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	27	0.51	0.495	0.75	0.23	0.031	0.177	0.258	0.32	0.65	0.724
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	1	22.	22.	22.	22.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	2	263.5	263.5	429.	98.	54780.5	234.052	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	2	2124.	2124.	3740.	508.	5222912.	2285.369	**	**	**	**

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Annual Analysis for 1966 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	14	11.4	13.45	21.1	6.1	31.821	5.641	6.65	9.	20.15	20.85
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	40	2790.	3655.95	9510.	1350.	4060153.844	2014.982	1790.7	2004.5	5247.	6762.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	26	587.	618.615	1500.	228.	66940.646	258.729	325.5	434.	783.5	837.8
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	26	7.65	7.719	8.3	7.1	0.065	0.255	7.47	7.6	7.9	8.1
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	26	7.647	7.648	8.3	7.1	0.07	0.265	7.47	7.6	7.9	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	26	0.023	0.022	0.079	0.005	0.	0.015	0.008	0.013	0.025	0.034
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	25	5.5	5.844	24.	0.9	21.023	4.585	1.34	3.1	7.4	9.72
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	26	136.	131.923	195.	36.	1109.994	33.317	88.4	113.25	157.	164.9
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	26	166.	160.885	238.	44.	1658.906	40.73	107.3	138.	192.	201.2
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	26	0.	0.077	2.	0.	0.154	0.392	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	26	213.5	224.885	476.	92.	6395.786	79.974	133.4	162.5	284.5	301.2
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	26	86.	92.769	281.	24.	2871.065	53.582	33.6	51.	125.5	138.3
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	26	40.5	48.615	202.	12.	1360.246	36.882	15.7	27.75	60.75	74.7
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	26	1.25	1.327	4.	0.4	0.478	0.691	0.67	0.875	1.6	1.92
00932p	SODIUM, PERCENT	04/20/62-11/21/85	26	29.5	29.538	48.	16.	38.978	6.243	22.1	26.5	33.	36.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	26	16.	19.5	70.	5.	192.74	13.883	6.4	8.	26.25	33.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	26	145.	167.385	649.	44.	13688.246	116.997	59.3	93.	216.25	241.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	1	90.	90.	90.	90.	0.	0.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	26	381.5	422.269	1220.	148.	44270.765	210.406	212.6	280.25	529.25	580.1
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	1	600.	600.	600.	600.	0.	0.	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	26	3665.01	3849.929	7150.	718.	1868260.299	1366.843	2222.01	2975.01	4817.5	5523.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	26	0.52	0.574	1.66	0.2	0.082	0.286	0.287	0.38	0.72	0.787
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	11	49.	46.545	65.	23.	218.473	14.781	24.	29.	59.	64.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	11	58.	54.273	75.	26.	302.818	17.402	27.6	34.	70.	74.6
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	7	77.	72.	97.	38.	605.333	24.604	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	14	481.5	2382.357	18200.	32.	22460190.555	4739.218	44.	151.5	2720.	11015.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	14	3320.	19327.929	93900.	155.	753905909.61	27457.347	179.5	973.	29650.	74950.

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

Annual Analysis for 1967 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	10	12.65	11.7	17.2	1.1	27.471	5.241	1.38	9.75	15.275	17.09
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	30	3502.	4376.633	12400.	1450.	9112751.689	3018.733	1966.1	2539.	4840.	11138.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	20	737.5	681.95	864.	325.	25961.839	161.127	430.4	572.25	786.	860.6
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	20	7.75	7.78	8.1	7.5	0.039	0.196	7.51	7.6	7.975	8.09
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	20	7.747	7.74	8.1	7.5	0.04	0.201	7.51	7.6	7.975	8.09
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	20	0.018	0.018	0.032	0.008	0.	0.008	0.008	0.011	0.025	0.031
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	19	4.8	4.868	8.2	2.3	3.387	1.84	2.5	3.1	6.1	8.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	20	148.	140.85	164.	87.	448.976	21.189	103.9	130.25	156.25	161.
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	20	180.	171.7	200.	106.	670.432	25.893	127.	158.5	191.	196.
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	20	270.	249.75	312.	128.	3131.145	55.957	158.9	213.	289.5	312.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	20	124.	108.9	155.	41.	1293.989	35.972	55.	80.75	128.25	154.9
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	3	71.	66.667	73.	56.	86.333	9.292	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	3	24.	23.667	26.	21.	6.333	2.517	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	17	59.	52.706	78.	18.	313.721	17.712	26.	37.	66.	74.
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	20	1.6	1.545	2.1	0.7	0.178	0.422	0.9	1.3	1.875	2.1
00932p	SODIUM, PERCENT	04/20/62-11/21/85	20	33.	32.35	40.	23.	17.082	4.133	26.1	30.25	35.	37.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	3	2.7	2.6	2.8	2.3	0.07	0.265	**	**	**	**

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Annual Analysis for 1967 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	20	24.5	22.3	31.	7.	43.8	6.618	12.1	17.	26.75	29.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	20	211.5	195.2	285.	67.	4254.063	65.223	96.3	147.	243.5	282.5
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	3	0.3	0.3	0.4	0.2	0.01	0.1	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	3	6.1	6.333	7.	5.9	0.343	0.586	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	3	50.	53.333	60.	50.	33.333	5.774	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	20	504.5	466.65	616.	225.	13493.608	116.162	279.3	387.25	537.75	590.9
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	3	502.	475.	518.	405.	3739.	61.147	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	20	4880.	4823.005	8570.	2090.01	2233537.098	1494.502	3049.01	3632.51	5690.008	6747.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	20	0.685	0.634	0.84	0.31	0.025	0.158	0.38	0.523	0.73	0.8
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	6	28.5	30.	61.	9.	305.6	17.481	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	6	34.	36.167	72.	12.	407.767	20.193	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	5	40.	45.6	84.	16.	614.8	24.795	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	10	157.	546.6	2520.	38.	603498.933	776.852	42.9	97.5	829.75	2380.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	10	963.	12748.7	84400.	149.	683641576.011	26146.54	197.1	697.5	16100.	78020.

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Annual Analysis for 1968 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	12	9.5	9.167	18.	0.	46.515	6.82	0.	1.75	15.75	18.
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	29	3821.	5823.414	17800.	2190.	16696758.037	4086.167	2660.	2945.	8658.5	11620.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	21	723.	622.048	780.	218.	35695.848	188.933	292.4	465.	742.5	776.
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	21	7.8	7.81	8.1	7.5	0.049	0.221	7.5	7.65	8.05	8.1
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	21	7.8	7.757	8.1	7.5	0.052	0.228	7.5	7.65	8.05	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	21	0.016	0.017	0.032	0.008	0.	0.009	0.008	0.009	0.023	0.032
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	21	4.5	4.238	6.4	2.2	2.004	1.416	2.32	2.7	5.7	5.98
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	21	148.	135.238	157.	72.	708.79	26.623	86.	115.	153.5	156.8
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	21	180.	164.857	192.	88.	1044.329	32.316	105.4	140.	187.	191.6
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	4	0.01	0.015	0.04	0.	0.	0.019	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	21	256.	228.095	286.	92.	4016.59	63.377	118.4	174.5	273.	281.4
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	21	106.	92.905	134.	20.	1431.69	37.838	25.2	59.5	118.	131.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	4	57.	58.5	67.	53.	46.333	6.807	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	4	26.	27.	30.	26.	4.	2.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	4	55.5	55.	60.	49.	20.667	4.546	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	21	1.5	1.329	2.	0.	0.257	0.507	0.6	1.	1.7	1.88
00932p	SODIUM, PERCENT	04/20/62-11/21/85	21	31.	30.667	38.	21.	19.833	4.453	24.2	27.	34.	36.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	4	2.45	2.425	2.7	2.1	0.063	0.25	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	21	24.	19.524	31.	5.	64.062	8.004	6.4	11.5	26.	26.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	21	188.	164.905	239.	39.	4147.49	64.401	53.	103.5	209.5	217.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	4	0.35	0.375	0.5	0.3	0.009	0.096	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	4	5.8	6.225	7.9	5.4	1.289	1.135	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	4	75.	107.5	210.	70.	4691.667	68.496	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	21	479.	409.81	523.	134.	18260.362	135.131	153.6	313.5	510.	521.8
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	4	464.	457.75	486.	417.	878.25	29.635	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	21	4580.	4970.957	7620.	3090.01	2151767.259	1466.89	3194.01	3785.01	6145.	7444.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	21	0.65	0.56	0.71	0.18	0.031	0.177	0.254	0.425	0.695	0.708
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	5	24.	25.	49.	8.	253.	15.906	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	5	30.	30.4	63.	9.	435.3	20.864	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	2	62.5	62.5	82.	43.	760.5	27.577	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	8	292.5	866.375	3430.	64.	1417146.839	1190.44	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	8	5370.	18430.125	48900.	470.	491981102.982	22180.647	**	**	**	**

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

Annual Analysis for 1969 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	23	7.5	8.696	17.	2.	29.13	5.397	3.	3.5	15.	16.6
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	37	4196.	4946.297	11700.	2440.	6209150.937	2491.817	2536.	3037.5	6369.5	8298.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	28	703.5	643.929	800.	334.	21264.587	145.824	371.9	527.	745.5	762.7
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	3	9.3	9.1	10.2	7.8	1.47	1.212	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	28	7.6	7.386	8.2	2.3	1.13	1.063	6.96	7.325	7.8	8.1
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	28	7.6	3.747	8.2	2.3	14.86	3.855	6.96	7.325	7.8	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	28	0.025	179.034	5011.872	0.006	897087.916	947.147	0.008	0.016	0.048	0.115
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	24	4.95	10.467	66.	1.9	193.327	13.904	2.25	3.55	9.775	26.5
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	25	147.	136.56	156.	94.	349.173	18.686	102.6	123.5	149.5	153.
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	25	179.	166.84	190.	115.	525.223	22.918	125.4	151.	182.5	187.2
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	5	0.02	0.014	0.03	0.	0.	0.013	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	25	252.	227.24	286.	122.	2865.273	53.528	132.8	177.	266.5	277.2
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	25	102.	90.48	152.	24.	1368.593	36.995	28.4	53.5	119.	125.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	8	58.5	59.5	67.	53.	17.714	4.209	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	8	27.5	26.625	31.	22.	12.268	3.503	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	8	61.5	60.125	63.	53.	12.125	3.482	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	25	1.6	1.44	1.8	0.8	0.098	0.312	0.86	1.15	1.6	1.8
00932p	SODIUM, PERCENT	04/20/62-11/21/85	25	33.	32.	38.	22.	14.333	3.786	25.2	30.5	34.	36.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	8	2.6	2.625	3.	2.3	0.045	0.212	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	25	22.	20.4	30.	9.	33.75	5.809	10.6	15.	24.5	26.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	25	190.	164.2	226.	53.	3080.333	55.501	70.8	102.	203.	218.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	5	0.4	0.44	0.5	0.4	0.003	0.055	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	7	4.3	4.114	5.3	2.9	0.941	0.97	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	5	0.1	62.046	200.	0.04	8212.872	90.625	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	25	472.	426.88	525.	224.	10667.86	103.285	247.2	315.5	502.	518.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	8	467.5	466.625	516.	429.	1166.839	34.159	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	25	4950.	5457.6	9930.	3090.	3186034.369	1784.947	3446.	4090.	6535.	8380.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	25	0.64	0.58	0.71	0.3	0.02	0.141	0.336	0.425	0.68	0.7
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	10	30.	35.1	69.	7.	509.211	22.566	7.6	19.	62.5	68.8
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	10	34.5	41.4	79.	8.	645.822	25.413	8.9	23.	72.	78.9
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	5	96.	72.	99.	24.	1309.5	36.187	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	12	467.	802.75	1960.	122.	560718.75	748.812	130.4	209.75	1735.	1951.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	12	4550.	11810.917	59900.	804.	281242372.265	16770.282	861.9	1990.	16250.	48980.

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

Annual Analysis for 1970 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	23	12.	10.435	19.	2.	39.143	6.256	3.	4.	18.	19.
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	25	2260.	4050.8	13000.	1570.	12614482.667	3551.687	1656.	1900.	4100.	11760.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	15	676.	600.2	750.	309.	20867.314	144.455	327.6	475.	700.	734.4
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	4	8.6	9.575	13.	8.1	5.329	2.308	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	15	7.9	7.927	8.8	7.4	0.146	0.383	7.52	7.6	8.3	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	15	7.9	7.8	8.8	7.4	0.164	0.405	7.52	7.6	8.3	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	15	0.013	0.016	0.04	0.002	0.	0.011	0.004	0.005	0.025	0.031
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	12	2.8	3.133	5.8	0.5	3.288	1.813	0.8	1.525	5.2	5.77
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	12	149.5	140.583	164.	90.	537.174	23.177	97.8	118.25	157.75	163.1
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	12	168.5	165.	196.	110.	719.091	26.816	119.3	143.5	190.25	195.1
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	12	0.	3.167	20.	0.	40.333	6.351	0.	0.	3.5	17.6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	10	0.025	0.054	0.33	0.	0.01	0.1	0.	0.	0.058	0.305
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	12	237.	209.083	250.	96.	2646.265	51.442	111.3	166.	245.	248.8
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	12	77.5	68.583	97.	6.	912.629	30.21	10.8	50.	92.25	96.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	12	57.5	51.25	62.	25.	136.932	11.702	29.2	41.	59.	61.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	12	23.	19.858	25.	8.3	29.332	5.416	9.41	16.	23.	24.7

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Annual Analysis for 1970 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	12	54.5	49.25	65.	20.	240.205	15.499	22.1	36.	62.75	64.4
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	12	1.55	1.458	1.8	0.7	0.106	0.326	0.85	1.2	1.7	1.8
00932p	SODIUM, PERCENT	04/20/62-11/21/85	12	34.	33.167	37.	23.	14.333	3.786	25.4	32.	35.75	37.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	12	2.5	2.592	3.8	1.9	0.23	0.48	1.96	2.4	2.775	3.56
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	12	21.5	19.667	28.	7.	46.788	6.84	7.3	16.	25.75	27.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	12	167.	143.5	196.	55.	2585.182	50.845	56.2	100.	179.25	194.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	12	0.3	0.292	0.4	0.2	0.003	0.051	0.2	0.3	0.3	0.37
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	12	6.3	6.35	9.7	3.6	3.69	1.921	3.81	4.725	7.375	9.67
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	10	65.	73.005	140.	0.05	1711.411	41.369	4.045	47.5	112.5	138.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	12	441.5	394.417	502.	208.	11097.356	105.344	211.6	309.	475.5	501.4
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	12	432.5	379.333	476.	190.	10246.242	101.224	201.1	288.	443.	474.8
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	12	2935.	3375.834	7300.	1870.	2759827.105	1661.273	1879.	2270.	3630.008	6910.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	12	0.595	0.528	0.68	0.28	0.019	0.137	0.286	0.42	0.617	0.671
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	9	42.	47.556	73.	27.	242.278	15.565	27.	35.5	62.5	73.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	9	50.	55.333	80.	28.	353.	18.788	28.	40.	75.	80.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	2	72.	72.	82.	62.	200.	14.142	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	11	258.	553.909	1660.	34.	334878.291	578.687	35.6	86.	843.	1628.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	11	2780.	11377.818	51100.	162.	381827393.164	19540.404	177.2	390.	10000.	50840.

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Annual Analysis for 1971 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	20	7.	7.95	18.5	0.5	33.945	5.826	0.5	3.	12.25	18.45
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	21	3800.	5460.	14560.	1430.	19092880.	4369.54	1436.	1985.	9115.	13344.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	15	690.	587.067	800.	242.	41937.924	204.788	246.8	325.	725.	777.8
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	7	10.3	9.671	11.1	5.9	3.062	1.75	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	15	7.6	7.627	8.3	6.8	0.235	0.485	6.8	7.3	8.1	8.18
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	15	7.6	7.371	8.3	6.8	0.305	0.552	6.8	7.3	8.1	8.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	15	0.025	0.043	0.158	0.005	0.003	0.051	0.007	0.008	0.05	0.158
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	5	2.1	3.34	7.4	1.4	6.523	2.554	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	7	120.	119.	168.	76.	1278.	35.749	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	7	146.	144.857	205.	93.	1895.81	43.541	**	**	**	**
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	7	0.4	1.309	7.3	0.06	6.995	2.645	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	7	0.03	0.039	0.09	0.	0.001	0.038	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	7	0.01	0.013	0.03	0.	0.	0.013	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	7	150.	171.286	260.	87.	5876.905	76.661	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	7	30.	51.429	110.	4.	1851.952	43.034	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	7	38.	42.714	61.	22.	317.571	17.821	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	7	13.	15.4	25.	7.2	59.337	7.703	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	7	43.	41.429	62.	16.	431.619	20.775	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	7	1.5	1.329	1.7	0.7	0.189	0.435	**	**	**	**
00932p	SODIUM, PERCENT	04/20/62-11/21/85	7	35.	33.286	38.	25.	24.571	4.957	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	7	2.8	2.6	3.7	1.2	0.847	0.92	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	7	11.	14.143	23.	6.	54.143	7.358	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	7	120.	122.857	200.	48.	4921.143	70.151	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	2	6.65	6.65	6.7	6.6	0.005	0.071	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	3	90.	73.333	100.	30.	1433.333	37.859	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	7	301.	313.286	480.	147.	21666.905	147.197	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	7	3360.	3957.14	6769.99	2500.	2657110.191	1630.064	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	7	0.41	0.427	0.65	0.2	0.04	0.201	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	6	46.	44.167	75.	16.	463.767	21.535	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	6	53.	51.	88.	18.	622.	24.94	**	**	**	**

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Annual Analysis for 1971 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	3	55.	59.	79.	43.	336.	18.33	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	6	309.	1047.	4320.	20.	2758908.4	1660.996	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	6	5053.	18736.5	65700.	542.	708752281.5	26622.402	**	**	**	**

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Annual Analysis for 1972 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	17	6.5	8.471	18.	0.	27.765	5.269	1.2	4.75	12.25	15.6
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	18	3450.	4800.	15200.	1030.	20612211.765	4540.067	1228.	1970.	4080.	15200.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	13	669.	620.308	730.	363.	14745.897	121.433	381.8	545.	703.	722.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	5	8.6	9.3	11.7	8.1	2.235	1.495	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	13	7.6	7.562	8.3	6.7	0.428	0.654	6.7	6.8	8.25	8.3
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	13	7.6	7.17	8.3	6.7	0.594	0.771	6.7	6.8	8.25	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	13	0.025	0.068	0.2	0.005	0.006	0.08	0.005	0.006	0.158	0.2
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	2	5.35	5.35	7.6	3.1	10.125	3.182	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	8	156.5	147.75	161.	95.	483.643	21.992	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	8	190.5	180.125	196.	116.	716.125	26.761	**	**	**	**
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	8	0.4	0.388	0.6	0.2	0.016	0.125	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	8	0.03	0.038	0.09	0.	0.001	0.031	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	8	0.01	0.013	0.03	0.	0.	0.01	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	8	255.	235.	260.	130.	2000.	44.721	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	8	95.	87.5	110.	38.	506.571	22.507	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	8	62.	59.25	67.	35.	109.357	10.457	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	8	23.	21.25	25.	11.	20.214	4.496	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	8	53.	49.25	56.	22.	123.357	11.107	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	8	1.45	1.388	1.6	0.8	0.061	0.247	**	**	**	**
00932p	SODIUM, PERCENT	04/20/62-11/21/85	8	31.	30.75	34.	26.	5.357	2.315	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	8	2.75	2.7	3.4	1.6	0.331	0.576	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	8	18.	19.25	27.	8.	36.5	6.042	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	8	170.	163.25	190.	76.	1295.929	35.999	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	6	0.4	0.367	0.5	0.2	0.011	0.103	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	6	4.3	5.05	8.3	3.3	3.483	1.866	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	6	90.	85.	110.	50.	470.	21.679	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	8	433.5	409.375	456.	220.	6102.268	78.117	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	8	3390.	3557.5	7530.	1270.	4155164.286	2038.422	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	8	0.59	0.556	0.62	0.3	0.011	0.106	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	6	30.5	35.667	65.	18.	319.867	17.885	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	6	33.5	41.667	72.	20.	459.467	21.435	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	4	36.	45.25	81.	28.	582.917	24.144	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	6	966.5	939.5	1380.	293.	177067.5	420.794	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	6	10065.	20786.667	47600.	2940.	433850386.667	20829.076	**	**	**	**

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Annual Analysis for 1973 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	18	11.	9.639	22.	0.	39.877	6.315	1.35	2.	14.	18.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	2	19.	19.	32.	6.	338.	18.385	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	18	4620.	7464.444	23100.	2240.	31790790.85	5638.332	3158.	3430.	11100.	15009.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	9	682.	593.556	752.	262.	31601.278	177.767	262.	430.	719.	752.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	3	11.8	11.667	12.	11.2	0.173	0.416	**	**	**	**

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Annual Analysis for 1973 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	9	8.	8.011	8.6	7.4	0.129	0.359	7.4	7.75	8.25	8.6
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	9	8.	7.878	8.6	7.4	0.149	0.386	7.4	7.75	8.25	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	9	0.01	0.013	0.04	0.003	0.	0.012	0.003	0.006	0.019	0.04
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	9	2.6	3.033	6.1	0.8	3.47	1.863	0.8	1.65	4.7	6.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	9	153.	136.667	171.	78.	1112.	33.347	78.	105.	161.5	171.
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	9	185.	165.778	209.	95.	1612.694	40.158	95.	128.	194.	209.
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	9	0.	0.444	4.	0.	1.778	1.333	0.	0.	0.	4.
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	9	0.6	0.556	0.9	0.2	0.058	0.24	0.2	0.35	0.75	0.9
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	9	0.03	0.033	0.09	0.	0.001	0.028	0.	0.015	0.045	0.09
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	9	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.008	0.015	0.03
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	9	250.	216.667	260.	130.	2950.	54.314	130.	155.	260.	260.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	9	86.	80.444	110.	40.	525.778	22.93	40.	60.	98.	110.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	9	57.	54.444	66.	34.	132.278	11.501	34.	43.5	64.5	66.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	9	23.	19.689	25.	8.2	40.171	6.338	8.2	13.5	24.	25.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	9	49.	44.556	70.	14.	290.278	17.038	14.	31.	53.5	70.
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	9	1.4	1.289	1.9	0.5	0.154	0.392	0.5	1.1	1.45	1.9
00932p	SODIUM, PERCENT	04/20/62-11/21/85	9	30.	29.667	38.	17.	32.5	5.701	17.	28.	32.5	38.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	9	2.7	2.489	3.5	1.1	0.554	0.744	1.1	1.95	3.	3.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	9	17.	15.556	24.	5.	36.778	6.064	5.	10.	19.5	24.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	9	180.	148.	200.	41.	3123.25	55.886	41.	100.5	180.	200.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	9	0.3	0.278	0.5	0.1	0.017	0.13	0.1	0.15	0.35	0.5
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	9	6.5	7.089	9.3	5.6	1.771	1.331	5.6	5.95	8.35	9.3
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	9	90.	84.444	140.	10.	1452.778	38.115	10.	60.	110.	140.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	9	434.	376.778	490.	170.	13197.194	114.879	170.	269.5	454.	490.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	9	4540.	4950.	9180.	2730.	3471525.	1863.203	2730.	3980.	5580.	9180.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	9	0.59	0.512	0.67	0.23	0.025	0.157	0.23	0.365	0.615	0.67
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	9	35.	37.889	65.	9.	366.361	19.141	9.	21.5	54.5	65.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	9	35.	41.667	72.	9.	516.5	22.727	9.	22.	63.	72.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	7	54.	63.	100.	20.	823.333	28.694	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	9	1400.	2337.778	6230.	218.	5103200.444	2259.026	218.	686.	4685.	6230.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	9	50600.	48362.222	110000.	2310.	1444912219.444	38012.001	2310.	8875.	79350.	110000.

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Annual Analysis for 1974 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	19	10.5	9.45	20.	0.	34.25	5.852	0.05	5.	15.5	17.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	6	15.5	17.167	30.	1.	113.367	10.647	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	11	4780.	7206.364	23900.	1440.	47549885.455	6895.642	1542.	3000.	11800.	22040.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	8	2635.	5038.75	14600.	1650.	26282898.214	5126.685	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	11	740.	675.818	858.	247.	33306.564	182.501	277.2	710.	770.	840.4
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	5	8.5	8.52	8.9	8.2	0.082	0.286	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	11	8.1	8.	8.4	7.5	0.112	0.335	7.52	7.6	8.3	8.38
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	11	8.1	7.881	8.4	7.5	0.128	0.357	7.52	7.6	8.3	8.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	11	0.008	0.013	0.032	0.004	0.	0.01	0.004	0.005	0.025	0.03
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	11	2.3	3.245	7.4	1.2	5.027	2.242	1.26	1.6	4.7	7.36
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	11	151.	141.909	166.	76.	890.891	29.848	79.	144.	161.	165.2
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	11	184.	172.545	202.	93.	1294.273	35.976	96.6	176.	196.	201.
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	7	0.	0.286	2.	0.	0.571	0.756	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	11	0.6	0.473	0.7	0.1	0.042	0.205	0.12	0.2	0.6	0.68
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	11	0.03	0.052	0.21	0.	0.004	0.064	0.	0.	0.09	0.192
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	11	0.01	0.019	0.07	0.005	0.	0.02	0.005	0.005	0.03	0.064
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	11	270.	237.273	290.	100.	3961.818	62.943	106.	230.	270.	288.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	11	110.	95.545	120.	24.	1216.273	34.875	26.	90.	120.	120.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	11	64.	57.727	68.	26.	215.418	14.677	27.2	56.	67.	67.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	11	25.	22.5	31.	8.5	44.65	6.682	9.	23.	26.	30.

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Annual Analysis for 1974 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	11	58.	54.727	72.	13.	287.618	16.959	17.4	53.	62.	71.8
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	11	1.6	1.518	2.	0.6	0.122	0.349	0.76	1.4	1.6	1.96
00932p	SODIUM, PERCENT	04/20/62-11/21/85	11	33.	32.727	40.	22.	20.018	4.474	23.6	32.	35.	39.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	11	3.1	2.891	3.8	1.4	0.469	0.685	1.5	2.6	3.3	3.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	11	23.	20.364	26.	4.	44.055	6.637	5.8	18.	24.	26.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	11	190.	174.364	250.	46.	3371.055	58.061	53.2	180.	200.	240.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	11	0.3	0.291	0.4	0.2	0.003	0.054	0.2	0.3	0.3	0.38
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	11	6.6	6.918	10.	3.4	6.214	2.493	3.56	4.5	9.5	9.94
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	11	110.	172.727	900.	70.	58401.818	241.665	72.	90.	110.	744.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	11	469.	427.455	556.	155.	14034.473	118.467	172.2	450.	479.	542.6
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	11	4200.	4018.182	7680.	1780.	3779796.364	1944.17	1850.	2330.	5960.	7366.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	11	0.64	0.582	0.76	0.21	0.026	0.162	0.234	0.61	0.65	0.742
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	7	55.	51.714	77.	26.	257.238	16.039	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	7	61.	57.	78.	26.	276.	16.613	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	6	75.5	74.667	99.	39.	401.867	20.047	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	8	1074.	1075.375	1780.	522.	218370.554	467.301	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	8	18850.	23558.75	51000.	4810.	339326926.786	18420.829	**	**	**	**

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Annual Analysis for 1975 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	12	8.25	9.167	17.	1.	33.697	5.805	1.6	3.375	15.25	16.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	12	13.	14.375	36.	-6.	189.324	13.76	-2.3	-2.	24.	35.55
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	6	4775.	7496.667	18500.	2130.	41169306.667	6416.331	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	12	3815.	5455.833	18500.	1470.	24971899.242	4997.189	1578.	2320.	5882.5	16580.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	12	720.	662.083	850.	315.	27770.265	166.644	340.5	545.	760.	838.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	12	9.4	9.35	10.9	7.8	1.117	1.057	7.83	8.325	10.325	10.81
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.1	8.075	8.5	7.5	0.086	0.293	7.59	7.825	8.35	8.47
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.1	7.98	8.5	7.5	0.095	0.309	7.59	7.825	8.35	8.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	12	0.008	0.01	0.032	0.003	0.	0.008	0.003	0.005	0.015	0.027
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	12	2.2	2.592	5.7	1.	2.063	1.436	1.06	1.45	3.425	5.4
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	12	152.	141.167	166.	84.	736.152	27.132	86.4	130.5	158.25	166.
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	12	185.5	171.583	202.	103.	1067.538	32.673	105.7	158.75	189.5	202.
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	12	0.	0.25	3.	0.	0.75	0.866	0.	0.	0.	2.1
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	12	0.5	0.492	0.7	0.2	0.035	0.188	0.23	0.3	0.7	0.7
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	12	0.015	0.035	0.15	0.	0.002	0.048	0.	0.	0.06	0.132
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	12 ##	0.008	0.014	0.05	0.005	0.	0.014	0.005	0.005	0.02	0.044
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	12	260.	233.333	280.	110.	2896.97	53.824	122.	205.	267.5	277.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	12	105.	92.167	120.	28.	760.879	27.584	37.	72.25	110.	117.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	12	62.	56.667	69.	29.	156.061	12.492	31.4	49.25	64.75	68.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	12	24.5	22.317	27.	9.8	30.876	5.557	11.06	19.25	26.	27.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	12	57.5	52.5	84.	20.	316.273	17.784	22.1	38.	62.	78.3
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	12	1.5	1.475	2.3	0.8	0.153	0.391	0.86	1.175	1.7	2.12
00932p	SODIUM, PERCENT	04/20/62-11/21/85	12	31.5	31.917	41.	27.	14.265	3.777	27.3	28.5	34.	38.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	12	2.9	2.683	3.1	1.6	0.252	0.502	1.66	2.5	3.	3.1
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	12	21.5	18.917	30.	7.	47.356	6.882	7.6	12.75	23.	28.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	12	200.	170.417	220.	63.	2584.629	50.839	71.7	130.	200.	214.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	12	0.3	0.267	0.4	0.2	0.004	0.065	0.2	0.2	0.3	0.37
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	12	5.7	5.883	9.3	3.4	2.794	1.672	3.58	4.725	6.975	8.94
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	12	90.	83.333	110.	40.	351.515	18.749	49.	70.	97.5	107.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	12	468.5	416.667	532.	192.	11539.333	107.421	207.6	339.5	479.25	519.7
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	12	4415.	4871.667	9590.	1950.	5101342.424	2258.615	2076.	2975.	6207.5	9065.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	12	0.64	0.567	0.72	0.26	0.021	0.146	0.281	0.463	0.65	0.705
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	6	30.	33.667	65.	4.	603.467	24.566	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	6	33.5	39.	75.	4.	818.8	28.615	**	**	**	**

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

Annual Analysis for 1975 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	4	41.5	46.25	94.	8.	1262.917	35.538	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	6	605.5	1006.	2260.	188.	940850.	969.974	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	6	11700.	25405.	108000.	1190.	1677316310.	40955.052	**	**	**	**

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Annual Analysis for 1976 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	13	7.	9.962	18.	2.5	28.853	5.371	3.1	6.25	15.75	17.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	11	17.	18.545	33.	3.	136.473	11.682	3.2	9.	29.	33.
00060p	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	5	4990.	6484.	11500.	2170.	19659330.	4433.884	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	13	2800.	4362.308	12200.	1610.	11910502.564	3451.16	1814.	2285.	4690.	11880.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	11	725.	657.273	750.	400.	19236.818	138.697	402.	540.	750.	750.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	10	9.4	9.53	11.2	8.1	1.176	1.084	8.14	8.575	10.525	11.14
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	11	8.2	8.205	8.5	7.9	0.042	0.205	7.92	8.	8.4	8.48
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	11	8.2	8.161	8.5	7.9	0.044	0.21	7.92	8.	8.4	8.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	11	0.006	0.007	0.013	0.003	0.	0.003	0.003	0.004	0.01	0.012
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	11	1.6	1.855	3.9	0.9	0.895	0.946	0.94	1.2	2.6	3.74
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	11	149.	150.	259.	89.	1874.4	43.294	91.2	134.	159.	239.2
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	11	177.	169.818	195.	108.	852.364	29.195	110.8	163.	192.	194.8
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	11	0.	6.455	66.	0.	392.273	19.806	0.	0.	0.	53.8
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	10	0.7	0.63	0.8	0.3	0.02	0.142	0.32	0.575	0.7	0.79
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	10	0.015	0.015	0.03	0.	0.	0.016	0.	0.	0.03	0.03
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	10 ##	0.008	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	11	250.	240.909	310.	140.	2629.091	51.275	144.	220.	270.	304.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	11	95.	91.273	150.	11.	1641.418	40.514	19.2	57.	120.	146.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	11	65.	59.273	80.	35.	183.618	13.551	36.	50.	67.	77.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	11	25.	22.727	27.	13.	23.818	4.88	13.2	22.	26.	26.8
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	11	58.	50.727	63.	25.	195.218	13.972	25.2	41.	60.	63.
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	11	1.5	1.409	1.8	0.9	0.087	0.295	0.9	1.2	1.6	1.78
00932p	SODIUM, PERCENT	04/20/62-11/21/85	11	31.	30.727	37.	26.	8.418	2.901	26.4	29.	32.	36.2
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	11	2.7	2.6	3.1	1.6	0.244	0.494	1.62	2.6	2.9	3.06
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	11	19.	17.545	23.	9.	23.873	4.886	9.	13.	21.	22.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	11	190.	183.273	260.	96.	2813.818	53.045	96.8	140.	230.	254.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	11	0.3	0.273	0.3	0.2	0.002	0.047	0.2	0.2	0.3	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	11	5.2	5.782	8.7	3.7	2.964	1.722	3.78	4.5	7.1	8.7
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	11	90.	83.636	100.	40.	505.455	22.482	40.	80.	100.	100.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	11	455.	434.818	566.	244.	11588.164	107.648	246.4	361.	512.	563.4
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	11	4290.	4484.545	7950.	2160.	3536147.273	1880.465	2244.	2970.	5900.	7796.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	11	0.62	0.591	0.77	0.33	0.021	0.146	0.334	0.49	0.7	0.766
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	5	38.	40.8	62.	18.	359.2	18.953	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	5	43.	48.	74.	19.	614.	24.779	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	5	55.	60.8	95.	24.	1012.7	31.823	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	5	1070.	1247.2	2950.	332.	1122865.2	1059.653	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	5	19700.	17590.	33200.	2480.	141183200.	11882.054	**	**	**	**

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Annual Analysis for 1977 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	9	13.	10.389	17.5	3.	35.611	5.968	3.	3.25	15.75	17.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	9	15.	16.889	36.	4.	117.799	10.854	4.	6.75	25.25	36.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	9	2050.	3014.444	7020.	1430.	3250177.778	1802.825	1430.	1670.	3885.	7020.

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Annual Analysis for 1977 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	9	710.	665.556	775.	440.	16384.028	128.	440.	570.	750.	775.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	9	9.6	9.244	10.9	7.7	1.655	1.287	7.7	8.	10.5	10.9
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	9	7.8	7.861	8.25	7.45	0.07	0.265	7.45	7.7	8.15	8.25
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	9	7.8	7.794	8.25	7.45	0.076	0.275	7.45	7.7	8.15	8.25
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	9	0.016	0.016	0.035	0.006	0.	0.009	0.006	0.007	0.02	0.035
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	9	4.6	4.3	7.4	1.7	3.96	1.99	1.7	2.1	5.9	7.4
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	9	151.	144.556	160.	107.	441.028	21.001	107.	128.5	160.	160.
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	9	184.	174.778	200.	130.	683.944	26.152	130.	154.5	190.	200.
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	9	0.5	0.456	0.6	0.2	0.015	0.124	0.2	0.4	0.55	0.6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	9	0.03	0.017	0.03	0.	0.	0.016	0.	0.	0.03	0.03
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	9	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	9	260.	244.444	270.	160.	1827.778	42.753	160.	220.	270.	270.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	9	110.	102.222	120.	58.	475.444	21.805	58.	91.	115.	120.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	9	65.	59.444	66.	41.	91.528	9.567	41.	53.	65.5	66.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	9	25.	23.333	27.	15.	20.75	4.555	15.	20.	26.5	27.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	9	60.	55.778	66.	32.	130.944	11.443	32.	49.	62.5	66.
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	9	1.6	1.544	1.8	1.1	0.048	0.219	1.1	1.4	1.7	1.8
00932p	SODIUM, PERCENT	04/20/62-11/21/85	9	33.	32.667	35.	29.	2.75	1.658	29.	32.	33.5	35.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	9	2.6	2.544	2.8	2.1	0.058	0.24	2.1	2.35	2.75	2.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	9	21.	19.778	25.	12.	19.194	4.381	12.	16.5	22.5	25.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	9	200.	187.778	220.	110.	1419.444	37.676	110.	165.	215.	220.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	9	0.3	0.256	0.3	0.2	0.003	0.053	0.2	0.2	0.3	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	9	4.5	4.533	6.1	2.9	1.16	1.077	2.9	3.8	5.55	6.1
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	9	90.	87.778	100.	60.	119.444	10.929	60.	90.	90.	100.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	9	469.	441.556	500.	284.	6253.528	79.079	284.	392.5	497.	500.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	9	2680.	3362.222	6220.	1830.	2420944.444	1555.938	1830.	2240.	4860.	6220.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	9	0.64	0.601	0.68	0.39	0.011	0.106	0.39	0.535	0.675	0.68

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Annual Analysis for 1978 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	12	11.	11.958	21.	1.	36.884	6.073	1.6	9.375	17.	20.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	9	15.	15.789	33.	-4.5	168.489	12.98	3.	1.55	29.	33.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	12	3395.	5210.833	15500.	1480.	23607026.515	4858.706	1516.	1700.	5872.5	15170.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	10	690.	561.5	800.	200.	53111.389	230.459	203.	338.75	742.5	795.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	9	9.4	12.533	35.	7.5	72.685	8.526	7.5	9.15	11.65	35.
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.05	8.04	8.4	7.5	0.052	0.227	7.55	8.	8.125	8.38
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.047	7.976	8.4	7.5	0.056	0.237	7.55	8.	8.125	8.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	10	0.009	0.011	0.032	0.004	0.	0.008	0.004	0.008	0.01	0.029
00405p	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	9	1.9	1.844	2.6	1.	0.308	0.555	1.	1.35	2.35	2.6
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	10	140.	123.1	160.	67.	1320.989	36.345	67.9	80.5	151.5	159.6
00440p	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	9	160.	143.889	190.	82.	1879.611	43.354	82.	96.5	185.	190.
00445p	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	9	0.	0.667	6.	0.	4.	2.	0.	0.	0.	6.
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	9	0.5	0.51	1.5	0.09	0.16	0.4	0.09	0.3	0.5	1.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	9	0.03	0.064	0.37	0.	0.013	0.116	0.	0.015	0.045	0.37
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	9	0.01	0.022	0.12	0.005	0.001	0.037	0.005	0.008	0.015	0.12
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	10	260.	207.9	280.	89.	5555.211	74.533	91.1	125.	260.	278.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	9	110.	83.556	130.	22.	1655.528	40.688	22.	41.5	115.	130.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	10	62.	51.	66.	27.	257.556	16.049	27.3	31.5	63.	65.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	10	25.	19.73	27.	5.3	69.262	8.322	5.67	11.25	26.	26.9
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	10	61.	51.1	100.	11.	822.322	28.676	11.4	24.	69.5	97.1
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	10	1.65	1.46	2.6	0.5	0.44	0.664	0.51	0.9	1.9	2.53
00932p	SODIUM, PERCENT	04/20/62-11/21/85	10	33.5	32.1	44.	21.	48.544	6.967	21.1	26.5	36.25	43.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	10	2.8	2.43	3.3	1.1	0.602	0.776	1.13	1.55	3.	3.27

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Annual Analysis for 1978 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	9	23.	16.444	26.	3.	94.278	9.71	3.	6.5	24.5	26.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	10	200.	158.6	250.	30.	6632.267	81.439	31.7	78.5	222.5	248.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	10	0.25	0.23	0.3	0.1	0.007	0.082	0.1	0.175	0.3	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	10	5.1	5.5	9.5	2.1	9.369	3.061	2.1	2.475	9.025	9.46
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	10	100.	89.	120.	40.	765.556	27.669	42.	60.	112.5	120.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	9	477.	365.667	514.	128.	25603.5	160.011	128.	199.	499.5	514.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	9	3470.	3663.333	6570.	2050.	2492450.	1578.75	2050.	2205.	4920.	6570.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	9	0.65	0.497	0.7	0.17	0.048	0.219	0.17	0.27	0.68	0.7
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	3	26.	34.667	52.	26.	225.333	15.011	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	3	29.	38.	56.	29.	243.	15.588	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	3	35.	43.667	62.	34.	252.333	15.885	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	3	718.	777.	916.	697.	14601.	120.835	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	3	11500.	16740.	29200.	9520.	117418800.	10835.996	**	**	**	**

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

Annual Analysis for 1979 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	14	9.5	10.	21.	0.	58.423	7.643	0.	2.375	16.625	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	12	15.	11.833	33.	-10.	213.424	14.609	3.9	-3.5	29.5	2.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	14	2870.	4144.286	10000.	1370.	9478164.835	3078.663	1390.	2000.	6940.	10000.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	12	750.	657.083	810.	245.	35738.447	189.046	279.5	532.5	797.5	807.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	11	9.1	9.518	13.	7.6	2.898	1.702	7.64	8.2	11.	12.68
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.1	8.125	8.2	8.	0.004	0.062	8.03	8.1	8.2	8.2
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.1	8.121	8.2	8.	0.004	0.062	8.03	8.1	8.2	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	12	0.008	0.008	0.01	0.006	0.	0.001	0.006	0.006	0.008	0.009
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	12	135.	125.667	160.	64.	840.606	28.993	70.	105.	147.5	157.
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	12	0.3	0.325	0.7	0.1	0.037	0.191	0.1	0.2	0.475	0.67
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	9	0.03	0.023	0.06	0.	0.001	0.025	0.	0.	0.045	0.06
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	9	0.01	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.015	0.02
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	12	225.	217.083	280.	75.	3511.174	59.255	91.5	210.	260.	274.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	12	100.	92.	130.	11.	1170.545	34.213	22.4	75.5	110.	130.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	12	56.5	53.167	68.	17.	221.606	14.886	21.5	50.	62.75	68.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	12	22.	20.65	27.	7.8	31.797	5.639	9.36	17.75	25.	26.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	12	57.5	50.917	67.	15.	311.538	17.65	17.1	38.	64.5	66.7
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	12	1.6	1.475	2.	0.8	0.155	0.393	0.8	1.125	1.7	1.94
00932p	SODIUM, PERCENT	04/20/62-11/21/85	12	36.5	37.333	48.	26.	45.152	6.719	27.2	32.5	43.75	47.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	12	2.65	2.658	3.6	1.5	0.357	0.598	1.56	2.525	2.975	3.54
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	12	21.5	19.5	31.	5.	60.818	7.799	5.9	12.5	23.	29.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	12	180.	165.917	240.	43.	3517.538	59.309	53.5	130.	212.5	237.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	12	0.3	0.283	0.5	0.2	0.009	0.094	0.2	0.2	0.3	0.47
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	12	4.4	5.158	8.3	2.4	4.137	2.034	2.64	3.75	7.575	8.27
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	12	90.	85.833	110.	30.	499.242	22.344	39.	75.	100.	107.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	12	429.	395.333	524.	137.	13600.242	116.62	160.1	332.5	477.75	512.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	12	3710.	3365.833	5640.	1560.	1407171.97	1186.243	1575.	2502.5	4032.5	5265.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	12	0.585	0.538	0.71	0.19	0.025	0.159	0.22	0.45	0.653	0.695
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	4	46.5	46.5	67.	26.	401.667	20.042	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	4	52.	52.75	77.	30.	584.917	24.185	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	4	59.5	62.5	97.	34.	855.	29.24	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	4	911.	951.	1420.	562.	148641.333	385.54	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	4	11530.	12452.5	20000.	6750.	39374358.333	6274.899	**	**	**	**

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Annual Analysis for 1980 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	10	10.5	10.7	23.5	1.	50.956	7.138	1.1	3.5	16.125	22.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	10	19.75	16.45	29.	-8.	151.303	12.301	5.75	-4.	27.875	29.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	10	1945.	3899.	11300.	1310.	14088721.111	3753.495	1352.	1820.	5377.5	11220.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	10	730.	651.5	820.	285.	31533.611	177.577	297.5	515.	762.5	815.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	10	9.7	9.8	12.6	8.2	1.882	1.372	8.22	8.475	10.825	12.43
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.2	8.17	8.4	8.	0.013	0.116	8.	8.075	8.2	8.38
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.2	8.156	8.4	8.	0.014	0.117	8.	8.075	8.2	8.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	10	0.006	0.007	0.01	0.004	0.	0.002	0.004	0.006	0.008	0.01
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	2	8.15	8.15	8.2	8.1	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	2	8.147	8.147	8.2	8.1	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	2	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	8	135.	124.875	150.	62.	1080.411	32.87	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	10	0.15	0.207	0.4	0.07	0.017	0.132	0.073	0.1	0.325	0.4
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	10	235.	212.	260.	90.	3795.556	61.608	93.	165.	260.	260.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	10	93.	79.3	110.	28.	1064.9	32.633	28.3	45.25	110.	110.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	10	56.	51.	63.	23.	206.444	14.368	23.6	40.25	62.25	63.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	10	23.5	20.89	26.	7.9	44.61	6.679	8.21	15.5	26.	26.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	10	59.	54.3	74.	12.	380.011	19.494	14.2	40.	70.25	73.7
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	10	1.65	1.59	2.1	0.6	0.17	0.412	0.68	1.4	1.9	2.08
00932p	SODIUM, PERCENT	04/20/62-11/21/85	10	34.5	34.4	41.	22.	25.378	5.038	23.1	33.	37.25	40.7
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	10	2.75	2.64	3.8	1.2	0.596	0.772	1.24	2.2	3.1	3.76
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	10	20.5	19.7	30.	5.	60.456	7.775	5.4	15.75	25.75	29.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	10	190.	164.5	220.	43.	3818.944	61.798	46.9	110.5	212.5	220.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	10	0.3	0.27	0.4	0.1	0.007	0.082	0.11	0.2	0.3	0.39
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	10	5.	6.35	13.	3.2	10.594	3.255	3.21	4.35	9.625	12.67
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	10	90.	90.	140.	20.	1155.556	33.993	24.	75.	115.	139.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	10	459.	400.5	502.	139.	15854.278	125.914	148.1	302.75	485.25	501.3
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	10	2380.	3231.	7020.	1700.	2930210.	1711.786	1702.	2057.5	4182.5	6809.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	10	0.625	0.544	0.68	0.19	0.029	0.172	0.202	0.408	0.663	0.679

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Annual Analysis for 1981 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	11	13.5	12.273	22.5	0.5	68.868	8.299	0.7	4.	21.5	22.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	11	15.5	15.545	35.5	-4.5	185.823	13.632	4.9	-0.5	31.	35.1
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	3	643.	646.	653.	642.	37.	6.083	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	11	2120.	3027.273	8330.	1230.	6171361.818	2484.223	1248.	1370.	3470.	8144.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	11	710.	637.273	770.	250.	30161.818	173.672	282.	500.	760.	768.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	11	9.5	9.664	12.6	7.4	2.981	1.726	7.54	8.3	11.1	12.56
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	11	7.9	7.873	8.1	7.5	0.024	0.156	7.56	7.8	8.	8.08
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	11	7.9	7.844	8.1	7.5	0.025	0.158	7.56	7.8	8.	8.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	11	0.013	0.014	0.032	0.008	0.	0.006	0.008	0.01	0.016	0.028
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	11	8.2	8.055	8.4	7.4	0.119	0.345	7.44	7.7	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	11	8.2	7.915	8.4	7.4	0.14	0.374	7.44	7.7	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	11	0.006	0.012	0.04	0.004	0.	0.011	0.004	0.004	0.02	0.037
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	11	0.1	0.131	0.3	0.01	0.009	0.094	0.012	0.03	0.2	0.28
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	10	240.	210.4	260.	94.	3917.156	62.587	95.6	162.5	260.	260.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	10	59.	51.5	62.	25.	190.944	13.818	25.5	40.5	61.	61.9
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	10	23.	19.89	26.	7.7	45.09	6.715	7.85	14.3	25.	25.9
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	10	59.	52.5	65.	17.	221.611	14.887	19.4	42.5	62.25	64.8
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	10	1.7	1.63	2.1	0.8	0.125	0.353	0.85	1.525	1.8	2.07
00932p	SODIUM, PERCENT	04/20/62-11/21/85	10	34.	34.8	45.	28.	19.956	4.467	28.5	33.	36.	44.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	10	2.75	2.59	3.2	1.2	0.325	0.57	1.3	2.35	3.	3.18
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	11	23.	21.	28.	6.	33.8	5.814	8.6	19.	24.	27.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	11	200.	173.	220.	53.	3169.	56.294	60.4	130.	210.	220.

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Annual Analysis for 1981 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	11	0.2	0.291	0.9	0.1	0.045	0.212	0.12	0.2	0.3	0.78
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	10	4.8	5.65	11.	2.8	6.034	2.456	2.93	4.4	6.725	10.79
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	11	80.	67.273	90.	20.	481.818	21.95	24.	50.	80.	88.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	11	450.	370.	483.	90.	19954.2	141.259	103.	266.	465.	481.8
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	11	2360.	2592.818	5320.	321.	1922767.364	1386.639	564.8	1690.	3490.	5128.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	11	0.61	0.503	0.66	0.12	0.037	0.193	0.138	0.36	0.63	0.658

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Annual Analysis for 1982 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	12	9.25	10.375	20.5	0.	51.778	7.196	0.9	3.75	17.625	20.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	12	9.75	13.542	30.	0.	136.884	11.7	0.75	3.5	25.	29.55
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	12	647.	646.667	651.	639.	12.242	3.499	640.2	644.25	649.75	650.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	12	4090.	4363.333	10300.	1970.	6234678.788	2496.934	1970.	2312.5	4875.	9547.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	12	705.	634.167	800.	205.	36076.515	189.938	242.5	536.25	755.	788.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	12	9.75	9.867	12.6	7.8	2.833	1.683	7.86	8.25	11.525	12.36
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.1	8.05	8.2	7.9	0.012	0.109	7.9	7.925	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.1	8.037	8.2	7.9	0.012	0.11	7.9	7.925	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	12	0.008	0.009	0.013	0.006	0.	0.002	0.006	0.008	0.012	0.013
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	12	8.2	8.15	8.5	7.8	0.048	0.22	7.8	8.	8.3	8.47
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	12	8.2	8.098	8.5	7.8	0.051	0.226	7.8	8.	8.3	8.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	12	0.006	0.008	0.016	0.003	0.	0.004	0.003	0.005	0.01	0.016
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	11	0.1	0.128	0.32	0.03	0.008	0.088	0.036	0.07	0.16	0.308
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	12	0.1	0.146	0.5	0.05	0.019	0.137	0.05	0.05	0.2	0.44
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	6	0.06	0.06	0.09	0.03	0.	0.019	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	11	0.01	0.013	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.028
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	12	245.	220.167	280.	82.	3676.697	60.636	96.4	185.	260.	274.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	12	58.	52.667	64.	22.	182.97	13.527	25.	44.75	61.	63.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	12	23.5	21.217	29.	6.6	41.8	6.465	8.22	17.25	25.	28.1
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	12	58.	50.333	68.	12.	313.697	17.711	14.1	42.5	59.75	65.9
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	12	1.75	1.592	2.	0.6	0.197	0.444	0.66	1.475	1.875	1.97
00932p	SODIUM, PERCENT	04/20/62-11/21/85	12	33.5	32.25	36.	24.	16.568	4.07	24.	32.	34.75	36.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	12	2.6	2.442	3.	1.1	0.283	0.532	1.28	2.4	2.775	2.94
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	12	19.5	17.083	24.	4.	39.538	6.288	4.9	12.75	21.	23.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	12	190.	170.083	250.	41.	3794.629	61.601	49.7	135.	200.	241.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	12	0.3	0.242	0.3	0.1	0.006	0.079	0.1	0.2	0.3	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	12	4.4	5.292	11.	2.1	7.166	2.677	2.31	3.55	7.6	10.28
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	12	80.	80.	190.	20.	1763.636	41.996	23.	62.5	90.	160.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	11	461.	402.727	534.	128.	18017.618	134.23	139.4	308.	484.	525.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	12	443.	401.417	542.	134.	14800.629	121.658	156.5	332.75	471.5	523.4
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	12	3770.	4122.5	6100.	2390.	1772693.182	1331.425	2486.	2962.5	5660.	6067.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	12	0.63	0.557	0.73	0.17	0.032	0.178	0.194	0.468	0.658	0.712
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	3	77.	115.667	206.	64.	6162.333	78.501	**	**	**	**

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Annual Analysis for 1983 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	12	10.75	10.292	19.	2.5	38.975	6.243	2.65	4.	16.25	18.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	12	15.	14.583	31.	-0.5	153.947	12.408	0.9	5.875	27.625	30.55
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	12	647.	645.667	657.	635.	35.879	5.99	635.9	641.25	649.5	655.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	12	4085.	7122.5	26800.	2120.	49963165.909	7068.463	2243.	3180.	9132.5	22900.

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Annual Analysis for 1983 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	12	615.	587.083	720.	325.	13202.083	114.9	350.5	570.	667.5	711.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	12	9.5	10.108	12.6	8.6	2.232	1.494	8.63	8.9	11.725	12.42
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.1	8.092	8.2	7.9	0.008	0.09	7.93	8.025	8.175	8.2
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.1	8.083	8.2	7.9	0.008	0.091	7.93	8.025	8.175	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	12	0.008	0.008	0.013	0.006	0.	0.002	0.006	0.007	0.009	0.012
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	12	8.3	8.233	8.4	7.8	0.033	0.183	7.86	8.125	8.375	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	12	8.3	8.192	8.4	7.8	0.035	0.188	7.86	8.125	8.375	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	12	0.005	0.006	0.016	0.004	0.	0.003	0.004	0.004	0.008	0.014
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	12	0.065	0.06	0.11	0.	0.001	0.035	0.002	0.035	0.087	0.107
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	12	0.1	0.158	0.5	0.05	0.017	0.129	0.05	0.1	0.2	0.44
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	12	0.02	0.018	0.05	0.	0.	0.013	0.002	0.006	0.02	0.041
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	4	240.	237.5	240.	230.	25.	5.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	12	55.	51.417	61.	31.	79.174	8.898	33.1	48.5	57.75	60.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	12	20.	19.75	25.	10.	18.932	4.351	11.2	18.25	23.5	24.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	12	48.	45.083	59.	21.	137.538	11.728	21.9	41.75	53.75	58.1
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	4	1.6	1.6	1.7	1.5	0.013	0.115	**	**	**	**
00932p	SODIUM, PERCENT	04/20/62-11/21/85	4	32.	32.	33.	31.	1.333	1.155	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	12	2.4	2.3	2.7	1.5	0.162	0.402	1.59	2.	2.7	2.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	12	17.5	15.5	22.	5.	28.455	5.334	5.6	12.25	19.	21.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	12	155.	146.667	200.	71.	1402.606	37.451	76.4	125.	175.	194.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	12	0.25	0.25	0.3	0.2	0.003	0.052	0.2	0.2	0.3	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	12	6.6	6.892	10.	4.7	1.997	1.413	4.97	6.15	7.4	9.67
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	12	70.	65.	80.	30.	227.273	15.076	33.	62.5	70.	80.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	12	382.5	367.833	454.	177.	6664.697	81.638	199.2	350.5	435.5	451.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	4	423.5	420.	441.	392.	538.	23.195	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	2	3400.	3400.	3730.	3070.	217800.	466.69	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	12	256.5	573.417	2300.	26.	635618.629	797.257	27.8	101.25	596.75	2261.

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Annual Analysis for 1984 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	11	11.	10.182	20.	0.	56.764	7.534	0.3	2.	17.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	11	17.	11.273	31.5	-26.	355.118	18.845	1.4	-9.5	30.5	-14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	11	650.	647.545	656.	632.	46.473	6.817	633.8	641.	652.	655.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	11	4900.	8440.909	29500.	3050.	62858509.091	7928.336	3188.	3860.	10120.	26780.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	11	670.	618.182	780.	260.	21176.364	145.521	304.	520.	700.	764.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	11	9.9	10.2	13.7	7.8	4.962	2.228	7.84	8.1	12.6	13.5
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	11	8.1	8.091	8.2	7.9	0.015	0.122	7.9	8.	8.2	8.2
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	11	8.1	8.075	8.2	7.9	0.015	0.123	7.9	8.	8.2	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	11	0.008	0.008	0.013	0.006	0.	0.002	0.006	0.006	0.01	0.013
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	11	8.2	8.236	8.6	7.9	0.039	0.196	7.92	8.1	8.4	8.56
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	11	8.2	8.197	8.6	7.9	0.04	0.201	7.92	8.1	8.4	8.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	11	0.006	0.006	0.013	0.003	0.	0.003	0.003	0.004	0.008	0.012
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	11	0.04	0.103	0.82	0.005	0.057	0.238	0.006	0.02	0.04	0.666
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	11	0.3	0.327	0.8	0.1	0.05	0.224	0.1	0.1	0.5	0.76
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	11	0.01	0.025	0.11	0.005	0.001	0.03	0.005	0.01	0.03	0.096
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	4	240.	230.	260.	180.	1200.	34.641	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	10	58.5	53.1	65.	25.	139.878	11.827	26.9	45.5	59.5	64.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	10	22.5	21.07	27.	8.7	28.471	5.336	9.53	17.75	24.5	26.9
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	10	49.5	43.9	56.	12.	206.1	14.356	13.7	32.75	54.25	55.9
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	4	1.55	1.425	1.6	1.	0.083	0.287	**	**	**	**
00932p	SODIUM, PERCENT	04/20/62-11/21/85	4	30.5	29.5	32.	25.	9.667	3.109	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	11	2.6	2.464	3.3	1.2	0.295	0.543	1.34	2.3	2.7	3.22

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Annual Analysis for 1984 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	11	17.	16.091	22.	5.	28.291	5.319	5.8	12.	21.	21.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	11	180.	160.091	220.	41.	2776.091	52.689	54.8	110.	200.	216.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	11	0.2	0.227	0.3	0.1	0.004	0.065	0.12	0.2	0.3	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	10	7.5	7.46	9.6	5.4	2.116	1.455	5.43	6.075	8.875	9.58
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	11	70.	66.364	80.	20.	365.455	19.117	26.	50.	80.	80.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	11	434.	395.909	520.	158.	10340.491	101.688	187.	304.	457.	508.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	9	422.	377.889	472.	148.	12094.111	109.973	148.	294.5	463.	472.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	9	219.	749.556	2900.	30.	1089298.278	1043.695	30.	124.5	1469.5	2900.

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Annual Analysis for 1985 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	13	9.5	9.769	21.	0.	56.776	7.535	0.4	1.75	16.5	20.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	12	12.	13.542	34.5	-7.	260.839	16.151	3.6	-3.625	30.5	34.2
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	12	645.5	645.167	654.	635.	35.242	5.937	636.5	640.	650.5	653.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	13	3310.	4977.692	13000.	1850.	15551469.231	3943.535	1982.	2265.	7035.	12760.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	12	710.	650.833	840.	275.	30221.97	173.845	318.5	510.	782.5	831.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	12	10.15	10.25	13.3	7.7	4.31	2.076	7.76	8.325	12.175	13.09
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.4	8.425	8.6	8.2	0.017	0.129	8.23	8.325	8.575	8.6
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	12	8.4	8.408	8.6	8.2	0.017	0.13	8.23	8.325	8.575	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	12	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.005	0.006
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	12	8.3	8.308	8.5	8.1	0.019	0.138	8.1	8.2	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	12	8.3	8.288	8.5	8.1	0.019	0.14	8.1	8.2	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	12	0.005	0.005	0.008	0.003	0.	0.002	0.003	0.004	0.006	0.008
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	12	0.04	0.038	0.05	0.02	0.	0.01	0.023	0.03	0.048	0.05
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	12	0.4	0.325	0.7	0.05	0.053	0.229	0.05	0.1	0.5	0.64
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	12 ##	0.005	0.01	0.03	0.005	0.	0.008	0.005	0.005	0.01	0.027
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	7	250.	220.	290.	110.	3733.333	61.101	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	12	60.	56.167	70.	27.	151.606	12.313	32.1	47.5	65.25	69.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	12	26.	24.083	31.	10.	38.629	6.215	12.4	19.25	28.75	31.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	12	53.5	47.917	65.	16.	255.356	15.98	18.7	33.	59.5	64.1
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	7	1.6	1.386	1.8	0.7	0.178	0.422	**	**	**	**
00932p	SODIUM, PERCENT	04/20/62-11/21/85	7	31.	29.429	33.	23.	16.952	4.117	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	12	2.6	2.542	3.2	1.4	0.219	0.468	1.61	2.35	2.875	3.14
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	12	20.5	18.5	28.	7.	49.545	7.039	7.6	10.25	23.75	27.1
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	12	185.	169.	230.	58.	2793.818	52.857	70.6	127.5	200.	230.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	12	0.25	0.25	0.3	0.2	0.003	0.052	0.2	0.2	0.3	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	12	6.7	7.025	10.	4.	5.198	2.28	4.	5.025	9.475	10.
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	12	80.	70.	110.	20.	654.545	25.584	23.	52.5	80.	104.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	12	453.	417.	558.	170.	13208.	114.926	199.4	329.	494.25	550.5
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	11	451.	399.909	523.	170.	12224.891	110.566	190.4	303.	485.	518.4
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	8	60.	124.5	543.	28.	29824.571	172.698	**	**	**	**

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Annual Analysis for 1986 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	15	3.5	7.367	16.5	1.	26.16	5.115	2.2	3.5	11.5	15.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	10	15.5	13.45	27.5	-7.	154.025	12.411	4.8	-6.75	23.75	27.35
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	10	640.5	640.1	650.	624.	44.322	6.657	625.3	639.25	642.75	649.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	15	5910.	7821.333	21400.	1860.	29722483.81	5451.833	2856.	4990.	8980.	19720.

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Annual Analysis for 1986 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	10	670.	635.6	840.	410.	15966.933	126.36	416.	545.	697.5	831.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	10	10.15	10.27	12.6	8.4	2.167	1.472	8.43	9.	11.35	12.58
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.4	8.34	8.5	8.	0.023	0.151	8.02	8.275	8.425	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.4	8.314	8.5	8.	0.023	0.153	8.02	8.275	8.425	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	10	0.004	0.005	0.01	0.003	0.	0.002	0.003	0.004	0.005	0.01
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	9	8.2	8.189	8.3	8.1	0.006	0.078	8.1	8.1	8.25	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	9	8.2	8.183	8.3	8.1	0.006	0.078	8.1	8.1	8.25	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	9	0.006	0.007	0.008	0.005	0.	0.001	0.005	0.006	0.008	0.008
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	9	0.03	0.034	0.09	0.005	0.001	0.026	0.005	0.013	0.045	0.09
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	9	0.2	0.283	0.6	0.05	0.039	0.197	0.05	0.15	0.5	0.6
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	8	0.015	0.019	0.06	0.005	0.	0.019	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	9	52.	52.556	68.	38.	85.278	9.235	38.	45.	59.	68.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	9	23.	22.222	32.	13.	29.694	5.449	13.	18.	25.	32.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	9	49.	46.111	66.	25.	142.861	11.952	25.	37.	51.5	66.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	9	2.5	2.422	2.9	1.7	0.184	0.429	1.7	2.	2.8	2.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	9	14.	15.222	24.	8.	25.694	5.069	8.	11.5	19.5	24.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	9	180.	166.222	240.	96.	1793.444	42.349	96.	130.	185.	240.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	9	0.2	0.211	0.3	0.2	0.001	0.033	0.2	0.2	0.2	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	9	6.9	6.3	8.9	3.5	3.518	1.875	3.5	4.7	7.95	8.9
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	9	70.	72.222	110.	40.	419.444	20.48	40.	60.	85.	110.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	9	410.	403.667	559.	263.	7330.5	85.618	263.	337.	447.	559.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	3	35.	44.	79.	18.	991.	31.48	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	11	1560.	1378.545	2960.	189.	937843.073	968.423	201.8	260.	2190.	2856.

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Annual Analysis for 1987 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	11	5.2	9.291	23.5	0.	76.051	8.721	0.	0.	15.5	23.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	11	-6.	10.818	31.	-6.	188.314	13.723	3.1	6.	25.	29.9
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	10	637.	636.7	640.	633.	4.9	2.214	633.1	635.5	637.75	640.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	11	2520.	3039.091	5600.	1590.	2176689.091	1475.361	1600.	1810.	4500.	5554.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	11	664.	631.364	850.	380.	16432.655	128.19	395.	580.	700.	827.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	10	9.65	9.9	12.9	7.	3.916	1.979	7.12	8.2	11.95	12.85
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.35	8.37	8.7	8.1	0.042	0.206	8.1	8.175	8.525	8.69
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.347	8.328	8.7	8.1	0.044	0.211	8.1	8.175	8.525	8.69
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	10	0.004	0.005	0.008	0.002	0.	0.002	0.002	0.003	0.007	0.008
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	10	8.25	8.24	8.5	7.9	0.032	0.178	7.92	8.1	8.4	8.49
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	10	8.247	8.206	8.5	7.9	0.033	0.181	7.92	8.1	8.4	8.49
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	10	0.006	0.006	0.013	0.003	0.	0.003	0.003	0.004	0.008	0.012
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	10	0.03	0.032	0.07	0.005	0.	0.019	0.006	0.018	0.043	0.068
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	10	0.15	0.19	0.6	0.05	0.033	0.182	0.05	0.05	0.25	0.58
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	9	0.01	0.031	0.17	0.005	0.003	0.054	0.005	0.005	0.03	0.17
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	10	56.5	52.7	63.	30.	147.789	12.157	30.2	46.25	61.5	63.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	10	23.	21.6	30.	12.	31.156	5.582	12.1	17.5	24.5	29.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	10	50.	46.2	67.	22.	192.622	13.879	22.2	36.75	53.	65.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	10	2.9	2.74	3.8	1.5	0.425	0.652	1.54	2.35	3.05	3.74
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	10	21.	20.5	31.	10.	35.389	5.949	10.2	18.	22.75	30.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	10	155.	156.6	230.	86.	1706.711	41.312	88.4	132.5	182.5	226.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	10	0.3	0.27	0.3	0.2	0.002	0.048	0.2	0.2	0.3	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	10	6.1	5.98	9.1	3.	5.191	2.278	3.02	3.8	8.525	9.05
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	10	70.	86.	160.	40.	1493.333	38.644	42.	67.5	105.	159.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	10	425.5	403.3	528.	233.	6653.344	81.568	242.	353.75	448.75	520.9
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	7	39.	232.571	1100.	9.	155845.286	394.772	**	**	**	**

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Annual Analysis for 1988 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	13	17.	15.5	22.5	1.5	51.667	7.188	1.9	11.75	22.	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	13	27.5	24.692	34.5	6.	83.522	9.139	6.4	21.25	30.	34.5
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	4	637.	637.75	647.	630.	51.583	7.182	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	13	2130.	3218.538	7990.	1260.	5945311.103	2438.301	1266.4	1307.5	4320.	7990.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	13	660.	573.538	830.	302.	36583.436	191.268	302.	363.	710.	807.2
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	8	8.35	9.325	14.	7.4	5.082	2.254	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	8	8.35	8.375	8.7	8.2	0.028	0.167	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	8	8.347	8.35	8.7	8.2	0.029	0.169	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	8	0.004	0.004	0.006	0.002	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	7	8.2	8.243	8.5	7.9	0.056	0.237	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	7	8.2	8.187	8.5	7.9	0.06	0.245	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	7	0.006	0.007	0.013	0.003	0.	0.004	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	9	0.02	0.021	0.05	0.005	0.	0.016	0.005	0.008	0.035	0.05
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	9 ##	0.05	0.133	0.6	0.05	0.033	0.182	0.05	0.05	0.15	0.6
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	9 ##	0.005	0.012	0.03	0.005	0.	0.011	0.005	0.005	0.02	0.03
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	7	53.	46.571	56.	29.	131.619	11.473	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	7	24.	20.714	29.	11.	52.905	7.274	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	7	53.	44.857	72.	19.	383.81	19.591	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	7	2.5	2.243	2.9	1.2	0.41	0.64	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	7	19.	17.429	26.	7.	63.619	7.976	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	7	170.	149.714	260.	74.	4375.238	66.146	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	7	0.2	0.243	0.4	0.2	0.006	0.079	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	7	6.9	6.157	9.9	2.4	11.143	3.338	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	6	65.	63.333	100.	30.	746.667	27.325	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	7	413.	374.714	571.	204.	17381.905	131.84	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	9	89.	398.444	1760.	17.	341578.528	584.447	17.	33.	633.	1760.

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Annual Analysis for 1989 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	7	13.5	12.571	20.5	0.	55.286	7.435	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	7	18.5	19.	33.5	2.5	107.75	10.38	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	7	638.	646.143	698.	629.	569.81	23.871	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	7	1480.	2475.714	5830.	1280.	3144761.905	1773.348	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	7	770.	673.857	810.	327.	33640.81	183.414	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	7	9.2	9.529	13.	7.6	3.582	1.893	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	6	8.35	8.3	8.6	8.	0.048	0.219	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	6	8.347	8.254	8.6	8.	0.051	0.225	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	6	0.004	0.006	0.01	0.003	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	7	8.3	8.243	8.4	8.	0.023	0.151	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	7	8.3	8.219	8.4	8.	0.023	0.153	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	7	0.005	0.006	0.01	0.004	0.	0.002	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	7	0.01	0.019	0.05	0.005	0.	0.017	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	7 ##	0.05	0.2	1.1	0.05	0.158	0.397	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	7	61.	53.857	62.	29.	165.476	12.864	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	7	25.	23.143	30.	11.	39.143	6.256	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	7	65.	55.857	67.	21.	310.476	17.62	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	7	2.8	2.614	3.2	1.5	0.338	0.581	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	7	24.	22.143	30.	9.	51.143	7.151	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	7	200.	176.143	240.	63.	3847.476	62.028	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	7	0.3	0.271	0.3	0.2	0.002	0.049	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	7	4.3	4.929	9.4	2.4	8.416	2.901	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	7	80.	90.	140.	50.	933.333	30.551	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	7	474.	426.429	536.	188.	15044.286	122.655	**	**	**	**

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

Annual Analysis for 1989 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	1	398.	398.	398.	398.	0.	0.	**	**	**	**

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Annual Analysis for 1990 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	7	17.5	15.5	21.5	4.5	33.583	5.795	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	7	28.	24.571	32.	4.	90.536	9.515	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	6	637.5	637.	642.	631.	16.	4.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	7	2380.	2873.429	5330.	1020.	2669888.952	1633.979	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	7	710.	610.	810.	310.	38366.667	195.874	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	6	8.9	9.217	11.8	7.5	2.49	1.578	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	7	8.1	8.071	8.4	7.7	0.056	0.236	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	7	8.1	8.016	8.4	7.7	0.059	0.243	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	7	0.008	0.01	0.02	0.004	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	7	8.3	8.229	8.4	8.	0.029	0.17	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	7	8.3	8.199	8.4	8.	0.03	0.173	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	7	0.005	0.006	0.01	0.004	0.	0.003	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	7 ##	0.005	0.01	0.02	0.005	0.	0.007	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	7 ##	0.05	0.171	0.9	0.05	0.103	0.321	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	7 ##	0.005	0.008	0.02	0.005	0.	0.006	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	7	40.	40.143	61.	0.	475.143	21.798	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	7	23.	20.386	30.	9.7	56.008	7.484	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	7	57.	49.429	68.	23.	344.952	18.573	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	7	2.6	2.371	3.5	1.2	0.646	0.804	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	7	22.	21.286	35.	12.	67.905	8.24	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	7	180.	158.143	230.	67.	3304.143	57.482	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	7 ##	0.05	0.143	0.3	0.05	0.015	0.121	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	7	5.1	5.043	8.3	1.4	8.153	2.855	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	7	80.	75.714	100.	40.	528.571	22.991	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	7	431.	383.429	542.	190.	18338.619	135.42	**	**	**	**

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Annual Analysis for 1991 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	9	13.5	11.556	22.	-0.5	53.153	7.291	3.	3.25	17.25	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	9	20.5	20.167	38.	-5.	158.313	12.582	-5.	13.5	30.	38.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	9	640.	636.333	645.	620.	94.25	9.708	620.	627.5	643.5	645.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	9	1932.	3613.333	9913.	1770.	8874906.	2979.078	1770.	1843.5	5433.5	9913.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	9	730.	622.778	790.	240.	47256.944	217.387	240.	440.	767.5	790.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	9	10.1	10.189	12.8	8.4	2.796	1.672	8.4	8.7	11.85	12.8
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	9	8.2	8.249	8.42	8.1	0.013	0.114	8.1	8.16	8.35	8.42
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	9	8.2	8.236	8.42	8.1	0.013	0.114	8.1	8.16	8.35	8.42
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	9	0.006	0.006	0.008	0.004	0.	0.001	0.004	0.004	0.007	0.008
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	8	8.1	8.025	8.3	7.3	0.099	0.315	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	8	8.1	7.885	8.3	7.3	0.122	0.349	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	8	0.008	0.013	0.05	0.005	0.	0.015	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	8	0.04	0.044	0.09	0.005	0.001	0.028	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	8	0.1	0.148	0.3	0.025	0.011	0.106	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	8	0.015	0.015	0.03	0.005	0.	0.009	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	8	57.5	50.5	68.	23.	302.571	17.395	**	**	**	**

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Annual Analysis for 1991 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	8	22.	19.65	27.	7.4	61.803	7.861	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	8	51.5	46.25	68.	14.	429.071	20.714	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	8	2.9	2.588	3.4	1.2	0.716	0.846	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	8	19.5	19.25	31.	6.	90.786	9.528	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	8	195.	163.625	230.	40.	5887.982	76.733	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	8	0.25	0.225	0.3	0.1	0.008	0.089	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	8	6.3	5.975	11.	2.	9.382	3.063	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	8	75.	65.625	100.	5.	1395.982	37.363	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	8	445.	389.875	544.	147.	24867.839	157.695	**	**	**	**

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Annual Analysis for 1992 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	10	5.5	10.37	21.5	-0.5	56.947	7.546	0.87	6.3	16.5	21.15
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	10	14.	15.15	29.	-2.	122.836	11.083	1.75	0.625	27.5	29.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	9	642.	640.778	644.	636.	7.944	2.819	636.	638.5	642.	644.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	10	1945.	2650.	6790.	1180.	3309600.	1819.231	1223.	1632.5	3042.5	6623.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	10	725.	680.4	830.	370.	26115.378	161.603	373.	616.	786.5	827.6
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	9	10.2	10.656	13.3	8.3	3.033	1.741	8.3	9.25	12.45	13.3
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.38	8.373	8.6	8.23	0.013	0.114	8.233	8.275	8.425	8.59
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	10	8.38	8.36	8.6	8.23	0.013	0.115	8.233	8.275	8.425	8.59
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	10	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.004	0.005	0.006
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	6	8.2	8.217	8.4	8.	0.018	0.133	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	6	8.2	8.199	8.4	8.	0.018	0.134	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	6	0.006	0.006	0.01	0.004	0.	0.002	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	8	0.03	0.062	0.3	0.005	0.009	0.097	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	8	0.075	0.064	0.1	0.025	0.001	0.034	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	8 ##	0.005	0.009	0.03	0.005	0.	0.009	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	6	58.5	54.833	62.	33.	122.167	11.053	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	6	23.	21.	24.	11.	24.4	4.94	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	6	58.	53.333	66.	24.	222.267	14.909	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	6	2.6	2.45	2.7	1.6	0.179	0.423	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	6	24.	22.833	30.	11.	39.767	6.306	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	6	180.	167.667	200.	76.	2160.667	46.483	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	6	0.3	0.267	0.3	0.2	0.003	0.052	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	6	3.8	4.233	7.8	2.6	3.479	1.865	**	**	**	**
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	6	90.	85.	100.	50.	350.	18.708	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	6	446.	412.	476.	223.	8795.2	93.783	**	**	**	**

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Annual Analysis for 1993 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	3	10.	11.667	17.	8.	22.333	4.726	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	3	22.	21.667	25.	18.	12.333	3.512	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	3	3400.	4206.667	6090.	3130.	2678433.333	1636.592	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	3	685.	605.	685.	445.	19200.	138.564	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	3	8.4	8.467	8.6	8.4	0.013	0.115	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	3	8.4	8.457	8.6	8.4	0.013	0.116	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	3	0.004	0.003	0.004	0.003	0.	0.001	**	**	**	**

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Annual Analysis for 1995 - Station DINO0208

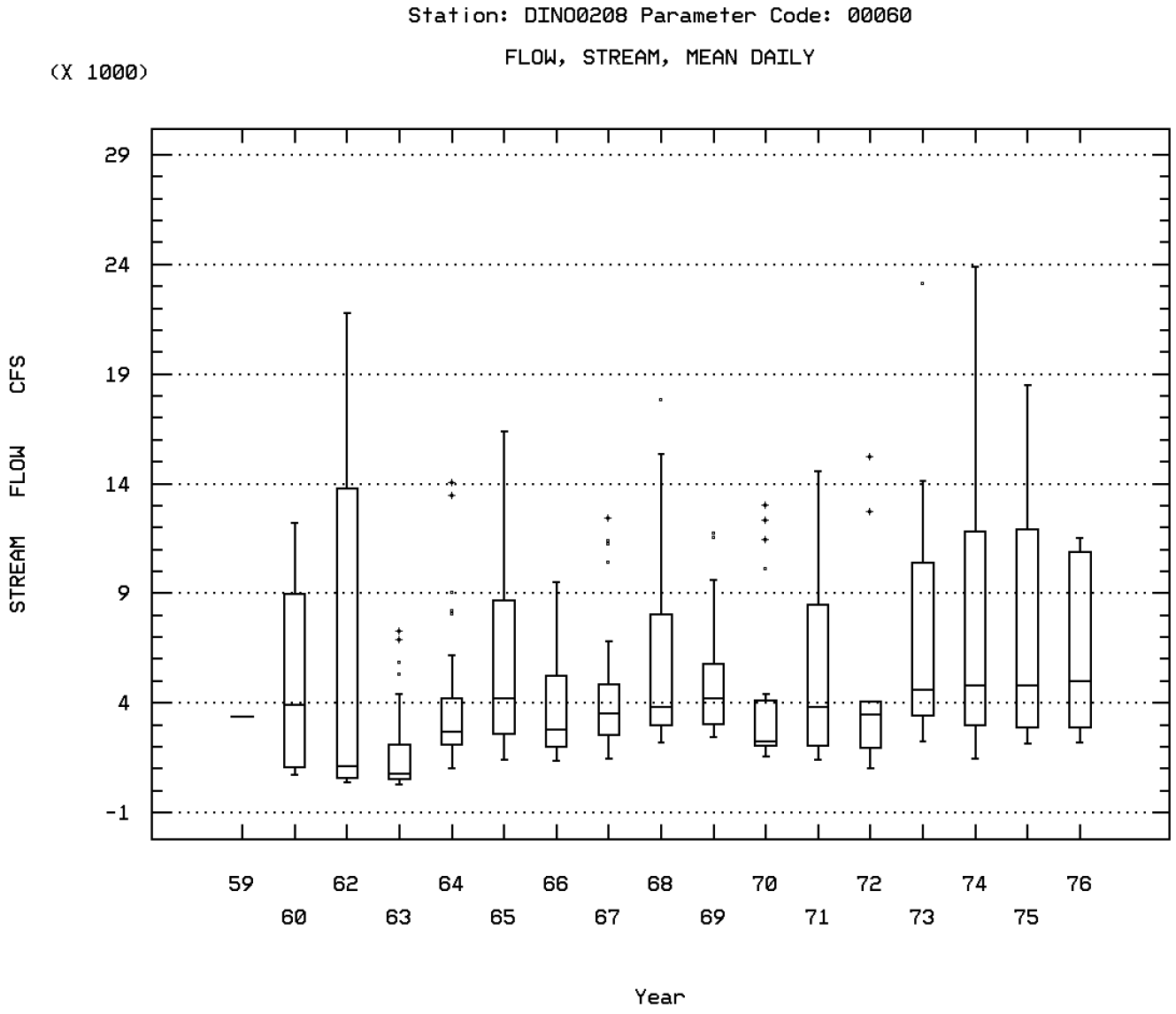
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	1	2020.	2020.	2020.	2020.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	1	650.	650.	650.	650.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Annual Analysis for 1996 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	4	18.5	17.25	22.	10.	34.25	5.852	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	4	27.5	25.25	29.5	16.5	37.583	6.131	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	4	4640.	7465.	18800.	1780.	59641966.667	7722.821	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	4	535.	532.5	740.	320.	41558.333	203.859	**	**	**	**
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	4	8.4	8.35	8.5	8.1	0.03	0.173	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	4	8.4	8.322	8.5	8.1	0.031	0.176	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	4	0.004	0.005	0.008	0.003	0.	0.002	**	**	**	**

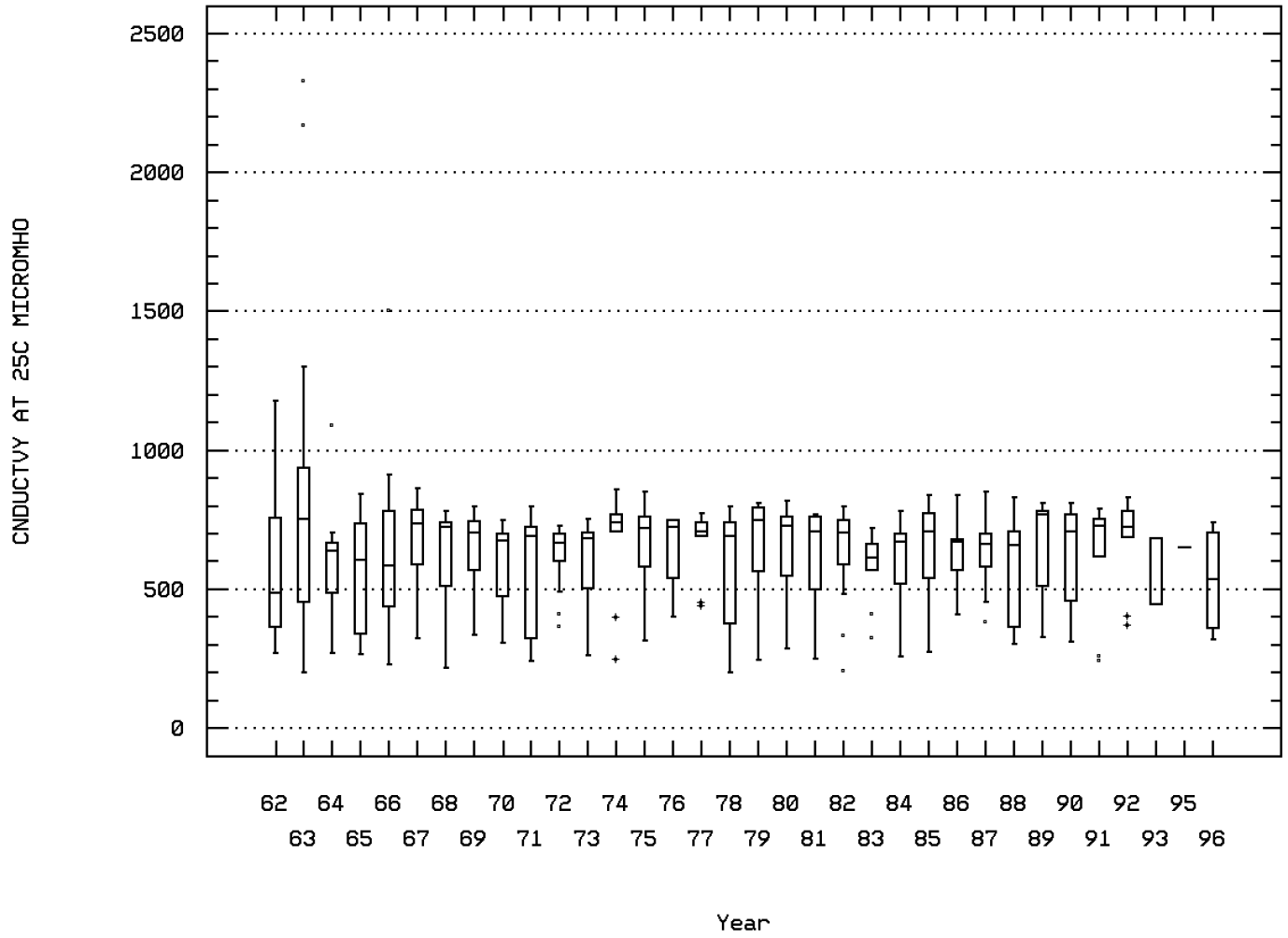
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00095

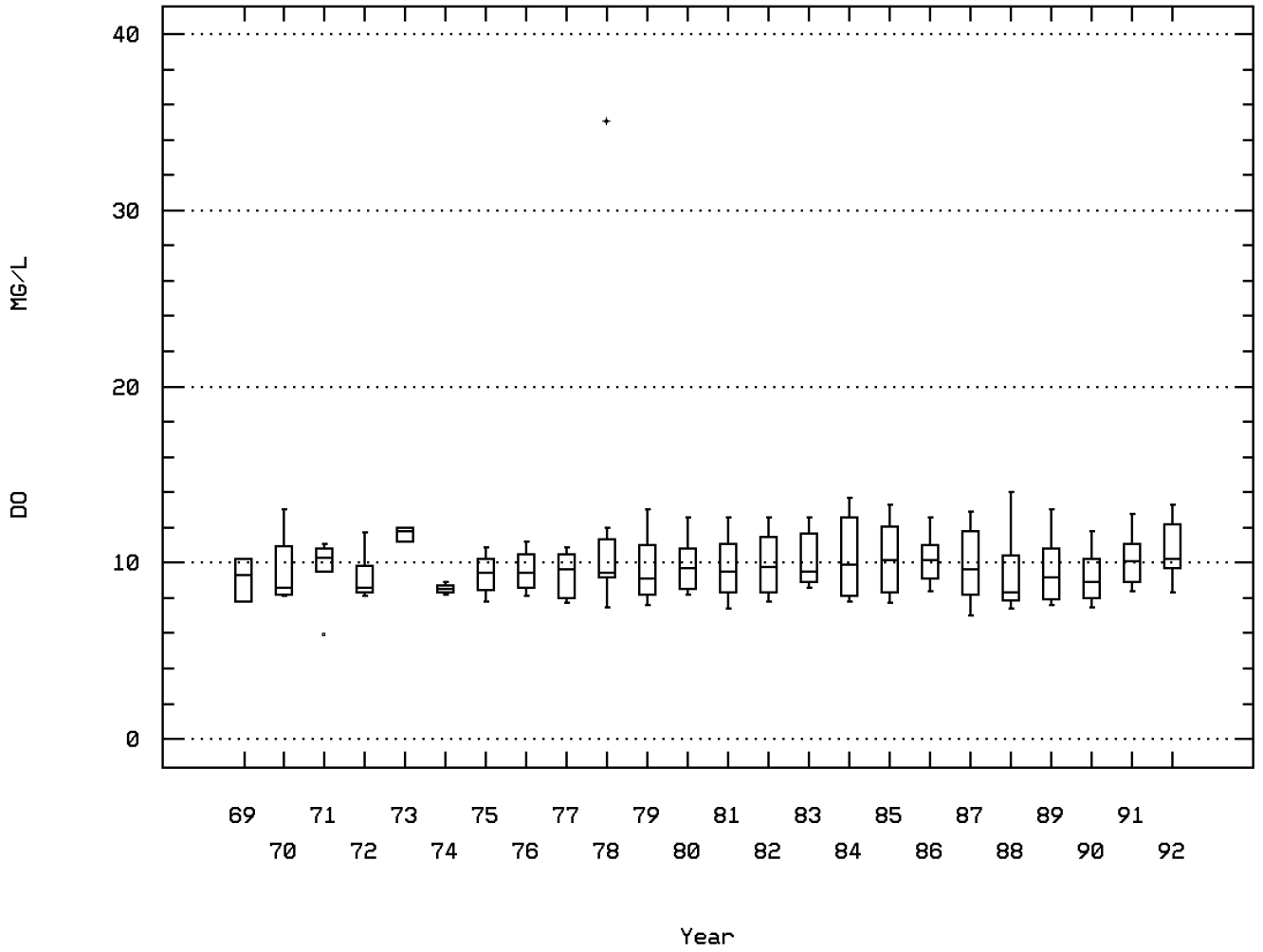
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



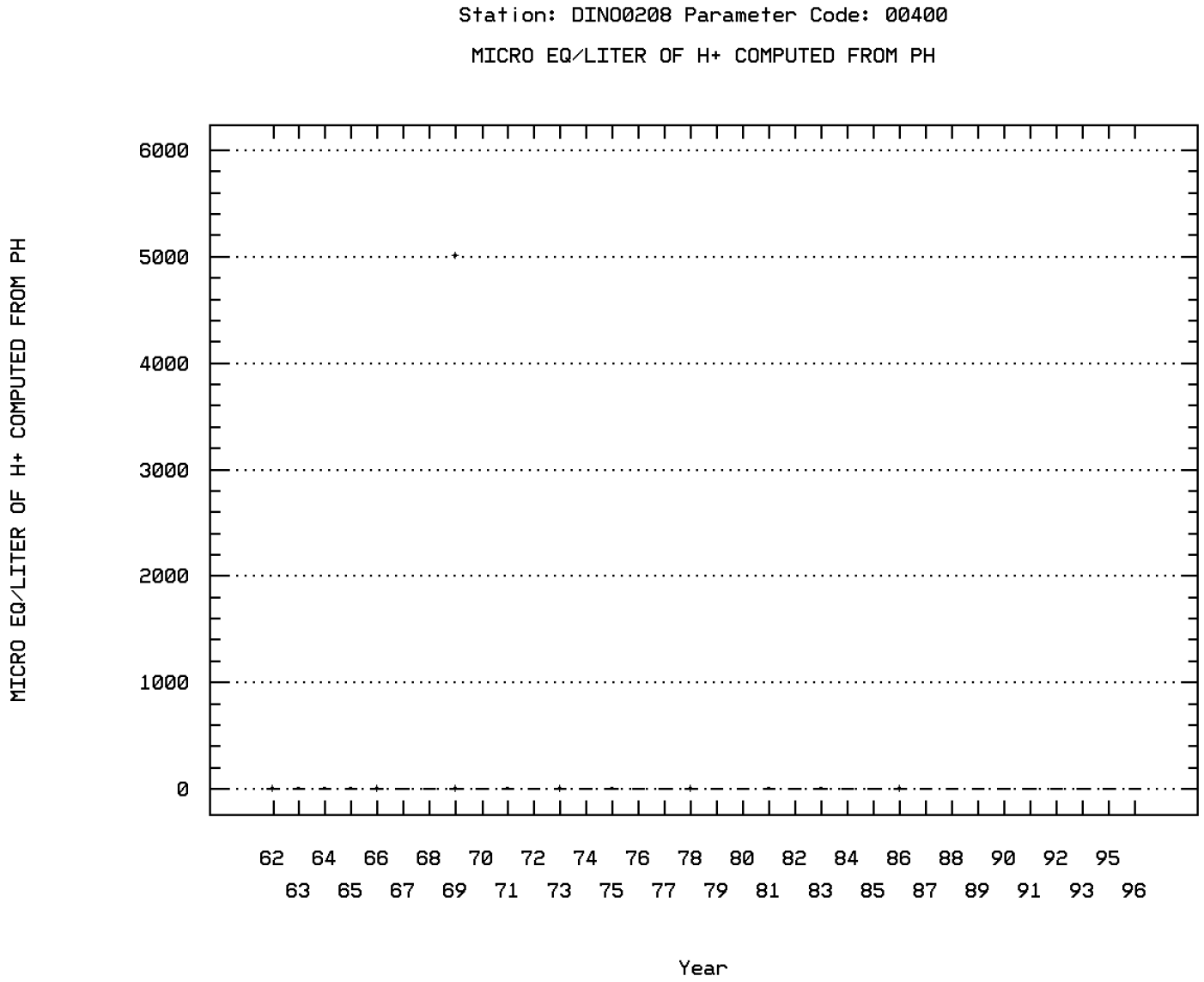
GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00300

OXYGEN, DISSOLVED



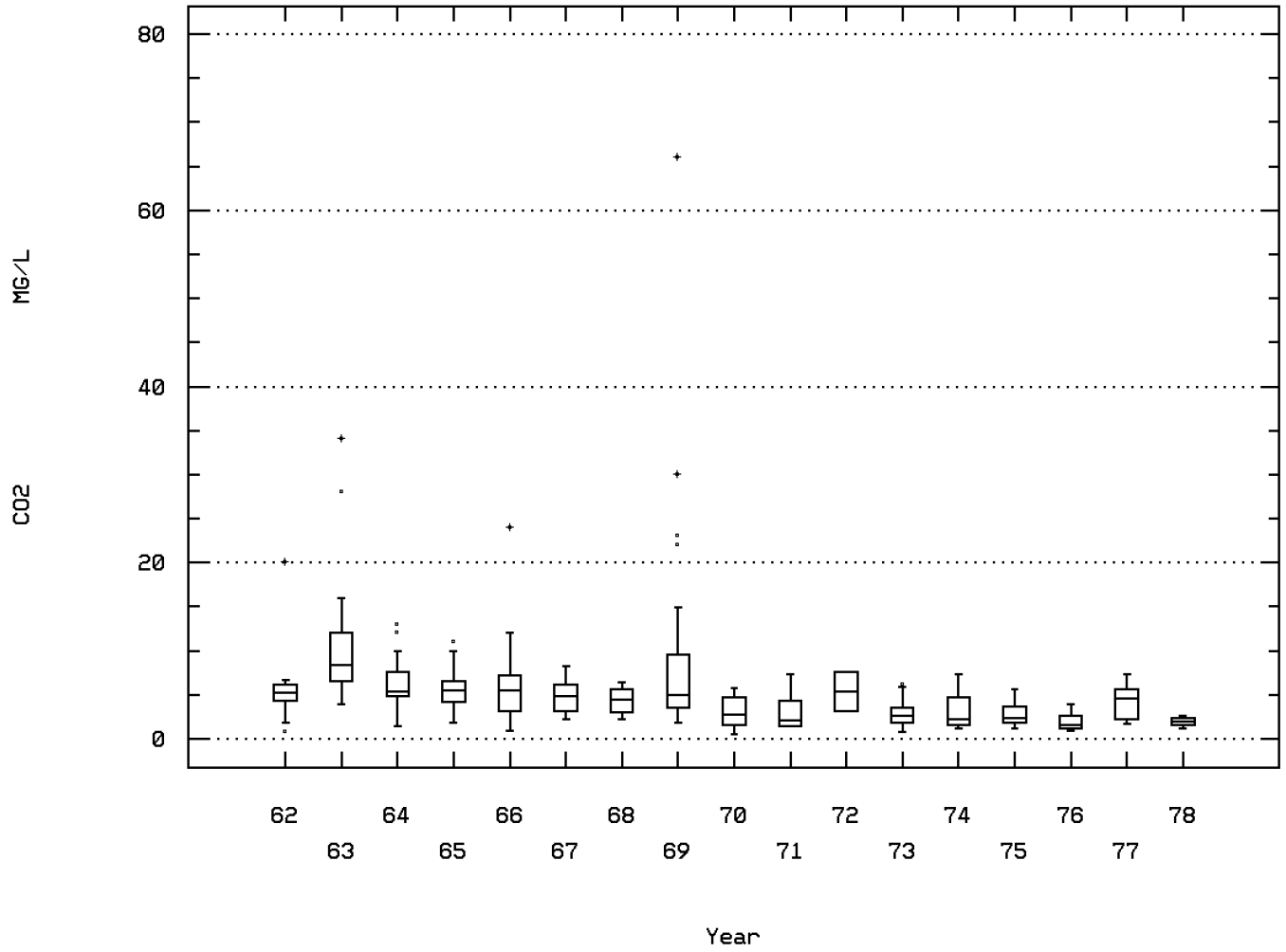
GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00405

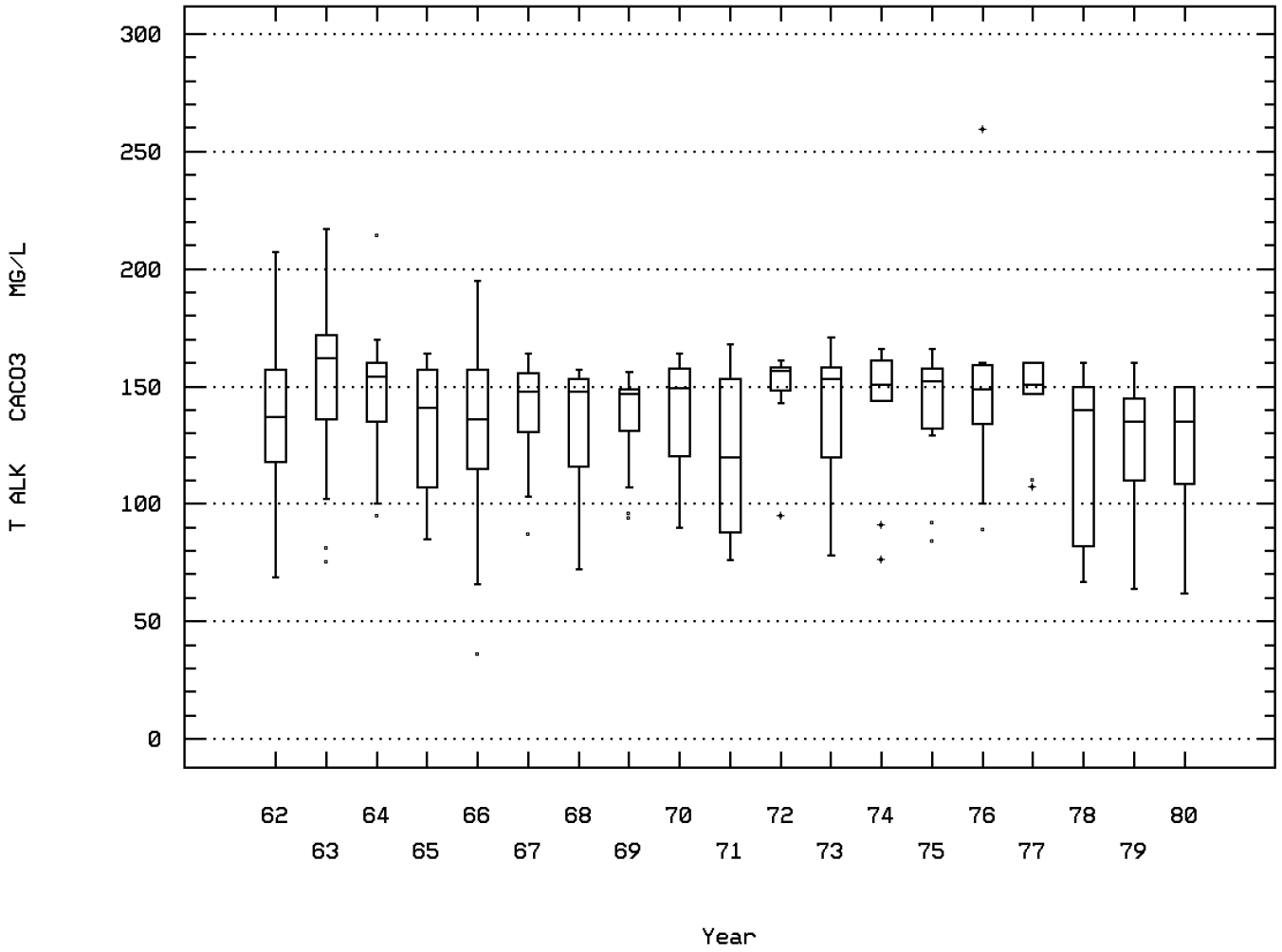
CARBON DIOXIDE (MG/L AS CO2)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00410

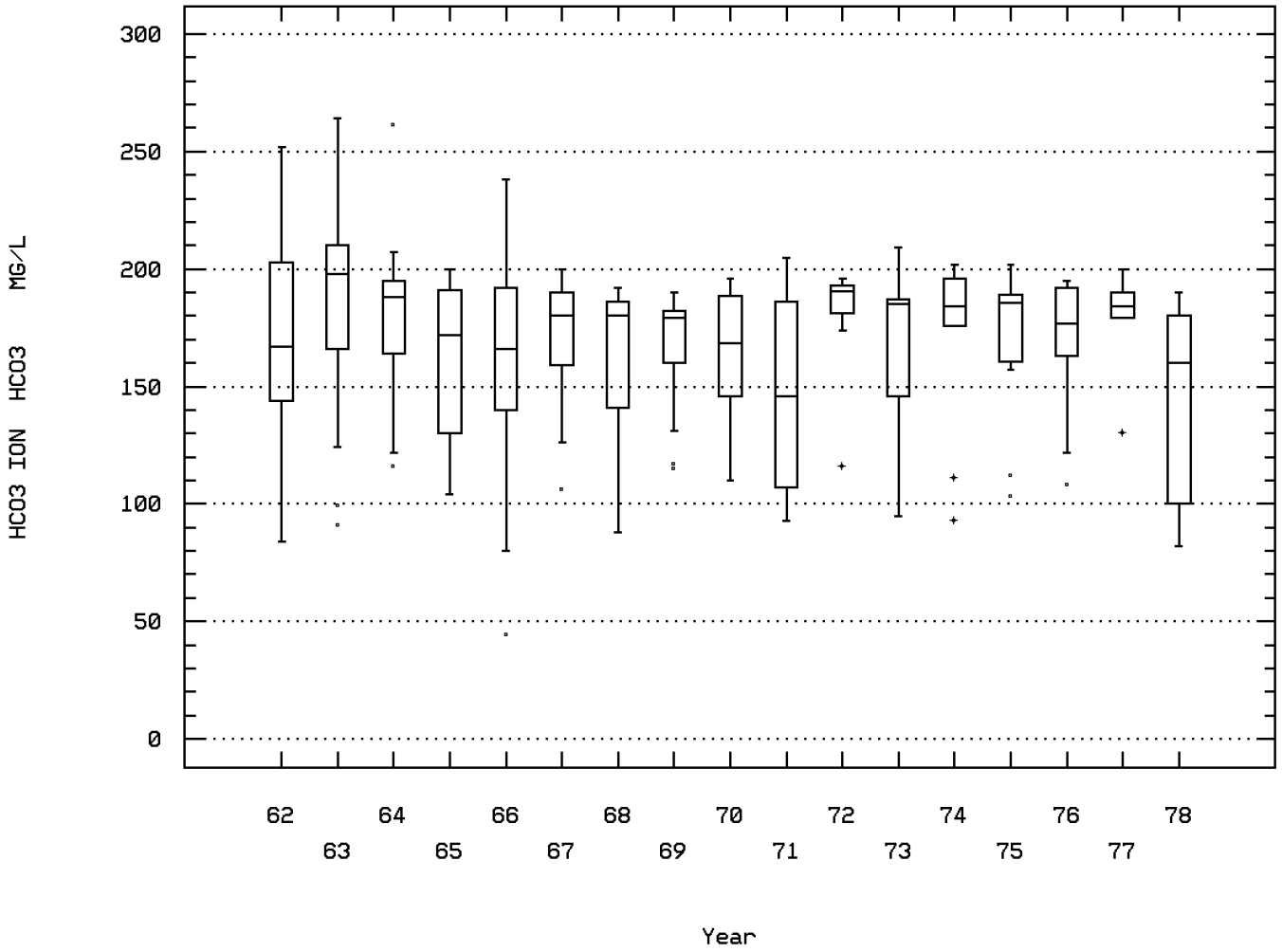
ALKALINITY, TOTAL (MG/L AS CACO3)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00440

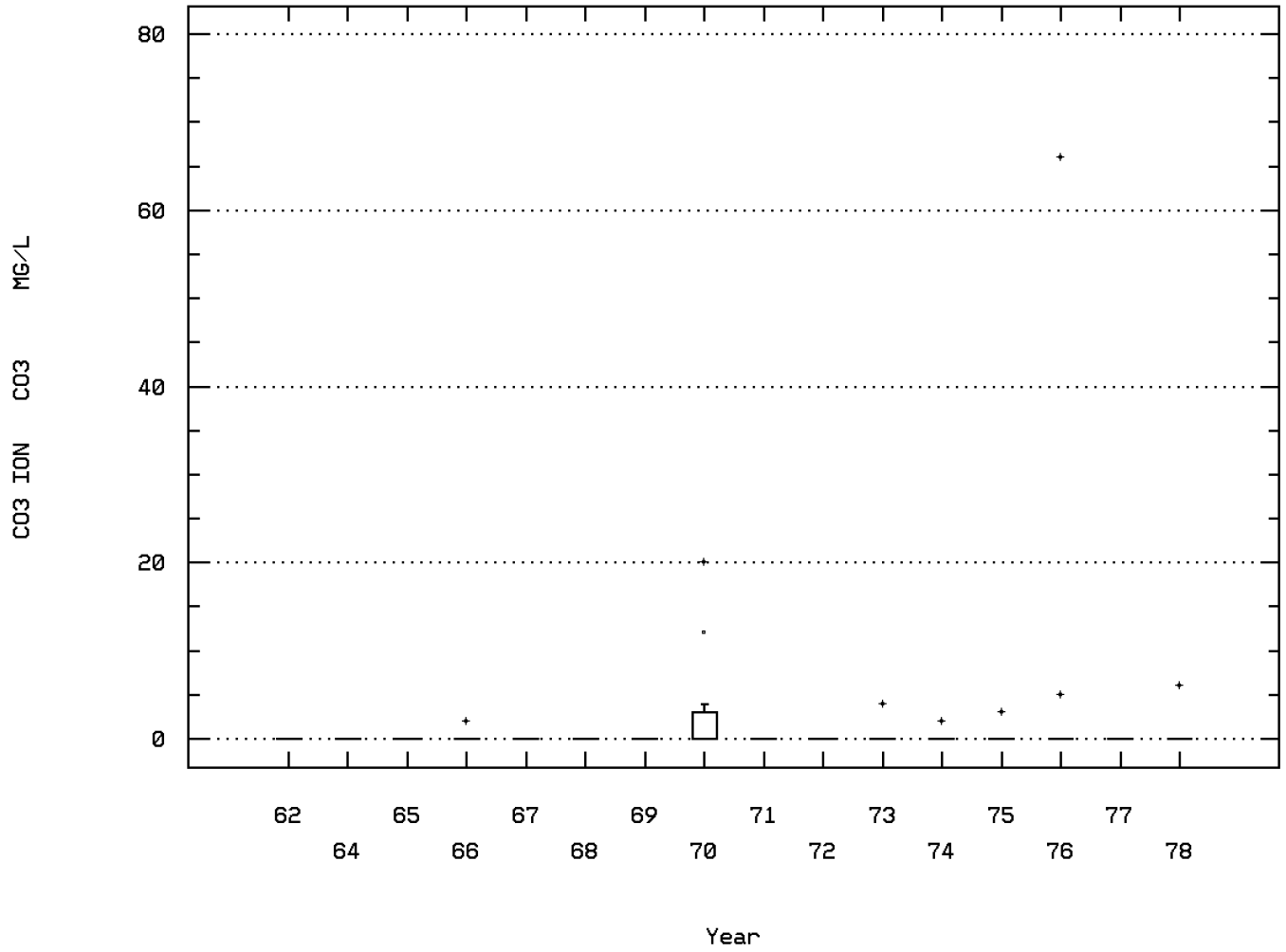
BICARBONATE ION (MG/L AS HCO3)



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00445

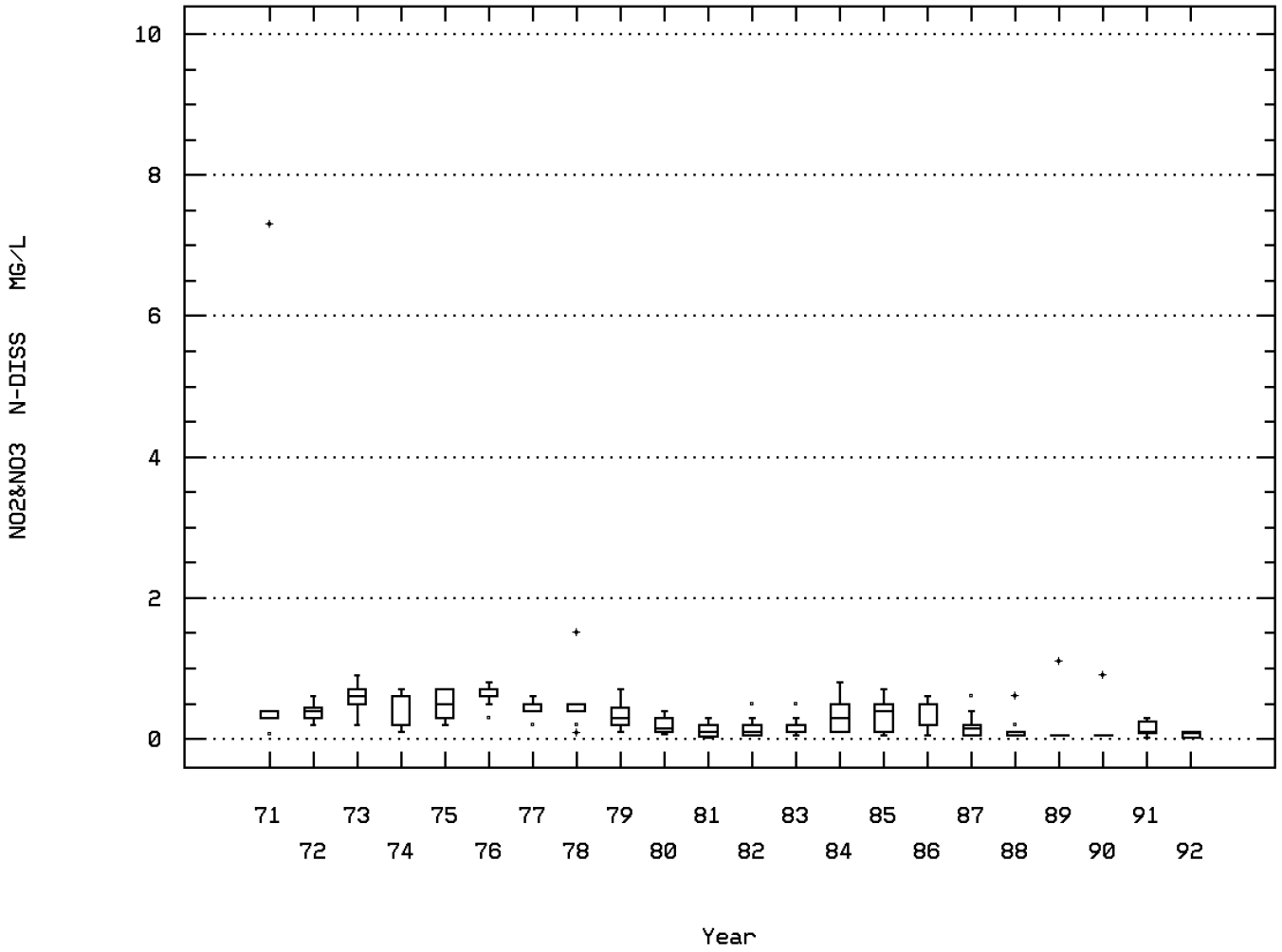
CARBONATE ION (MG/L AS CO3)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00631

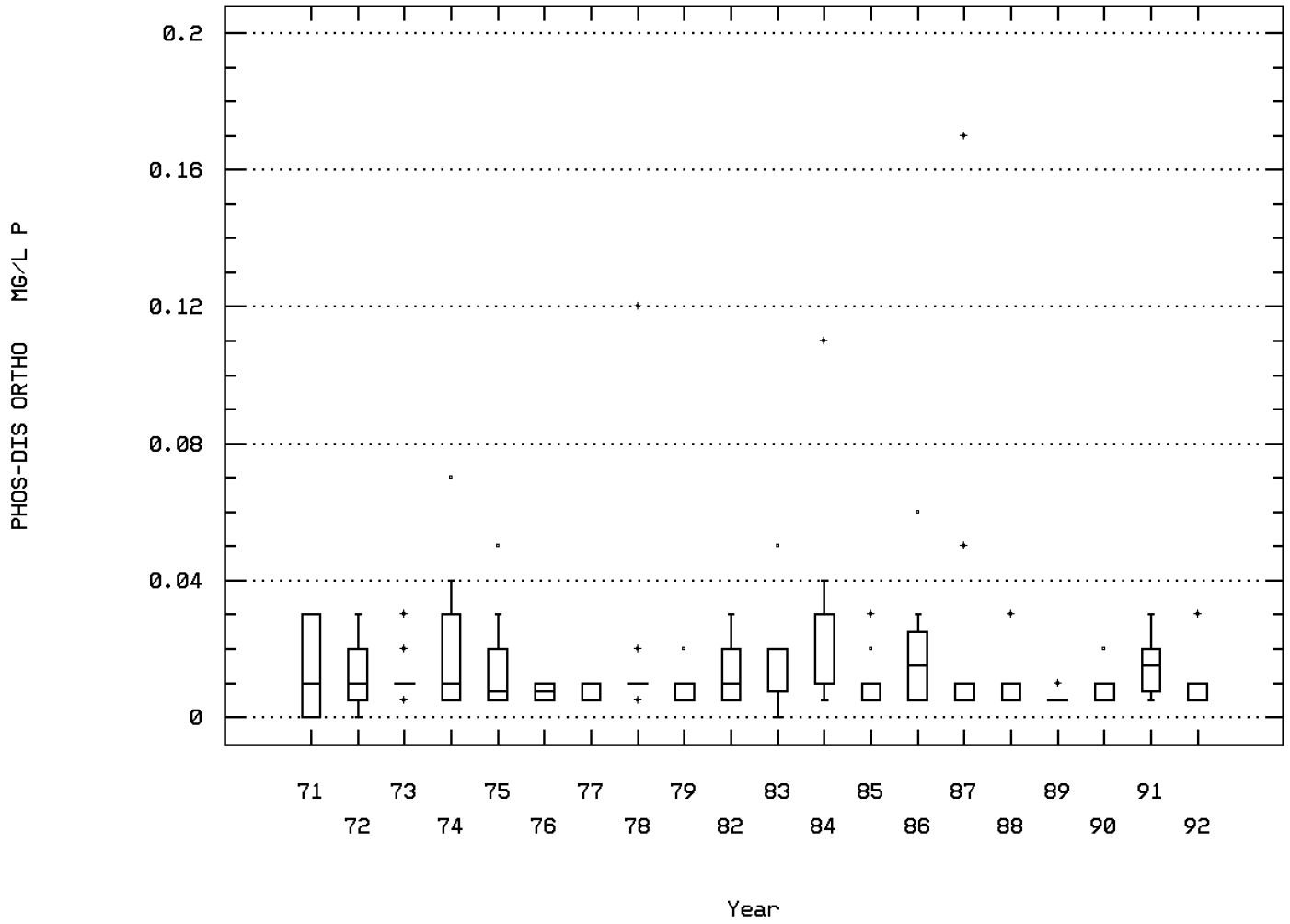
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00671

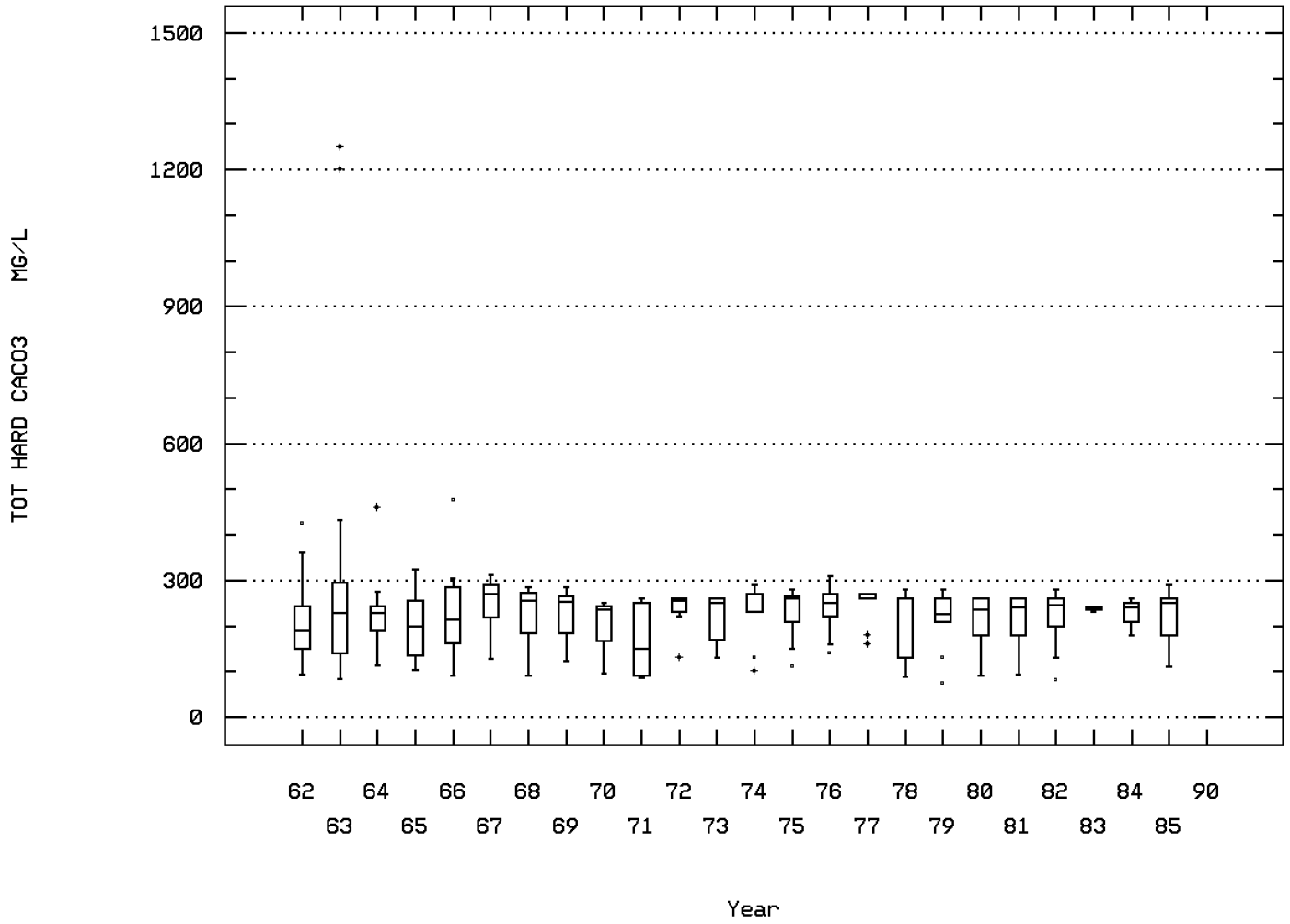
PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00900

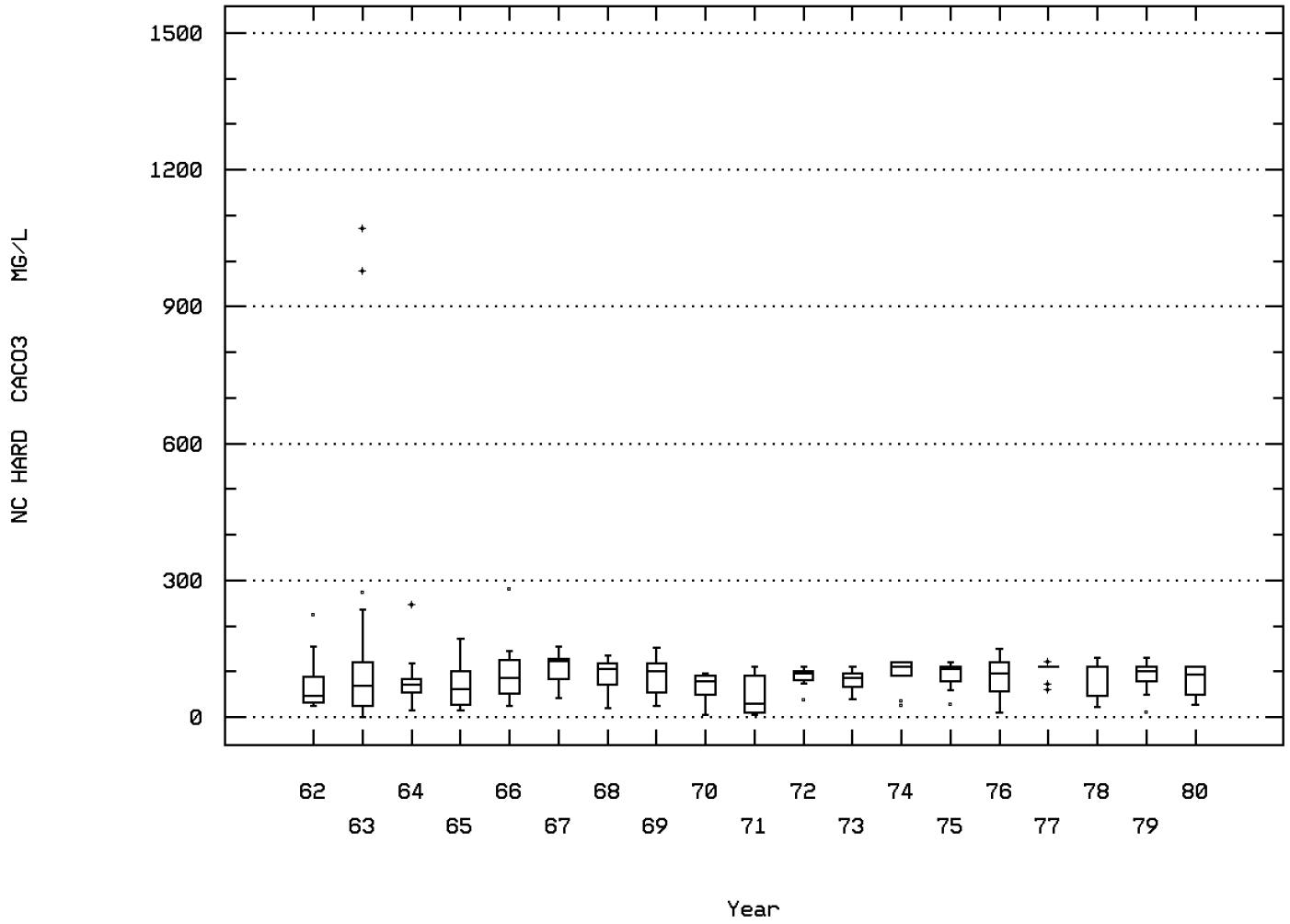
HARDNESS, TOTAL (MG/L AS CACO3)



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00902

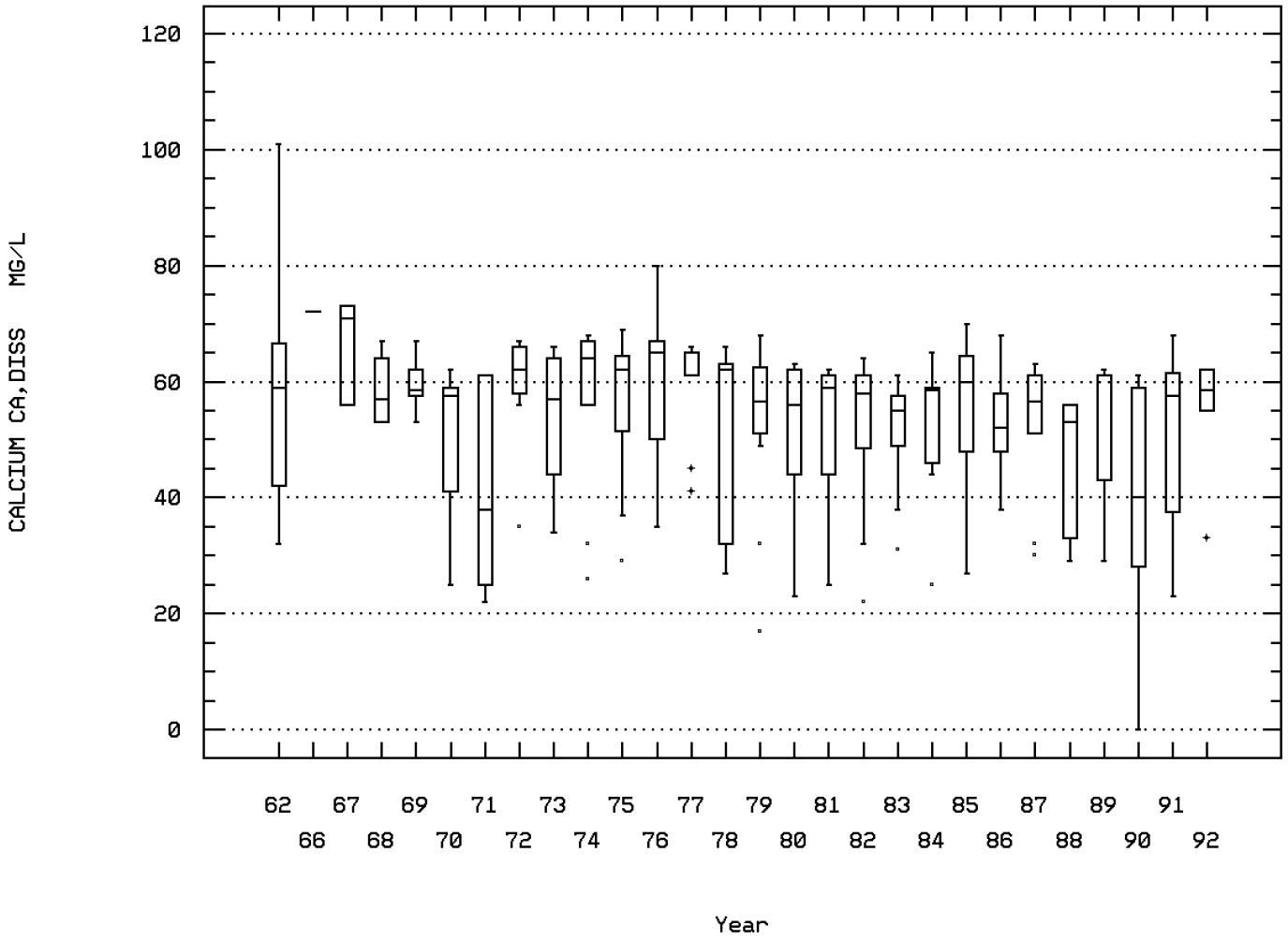
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00915

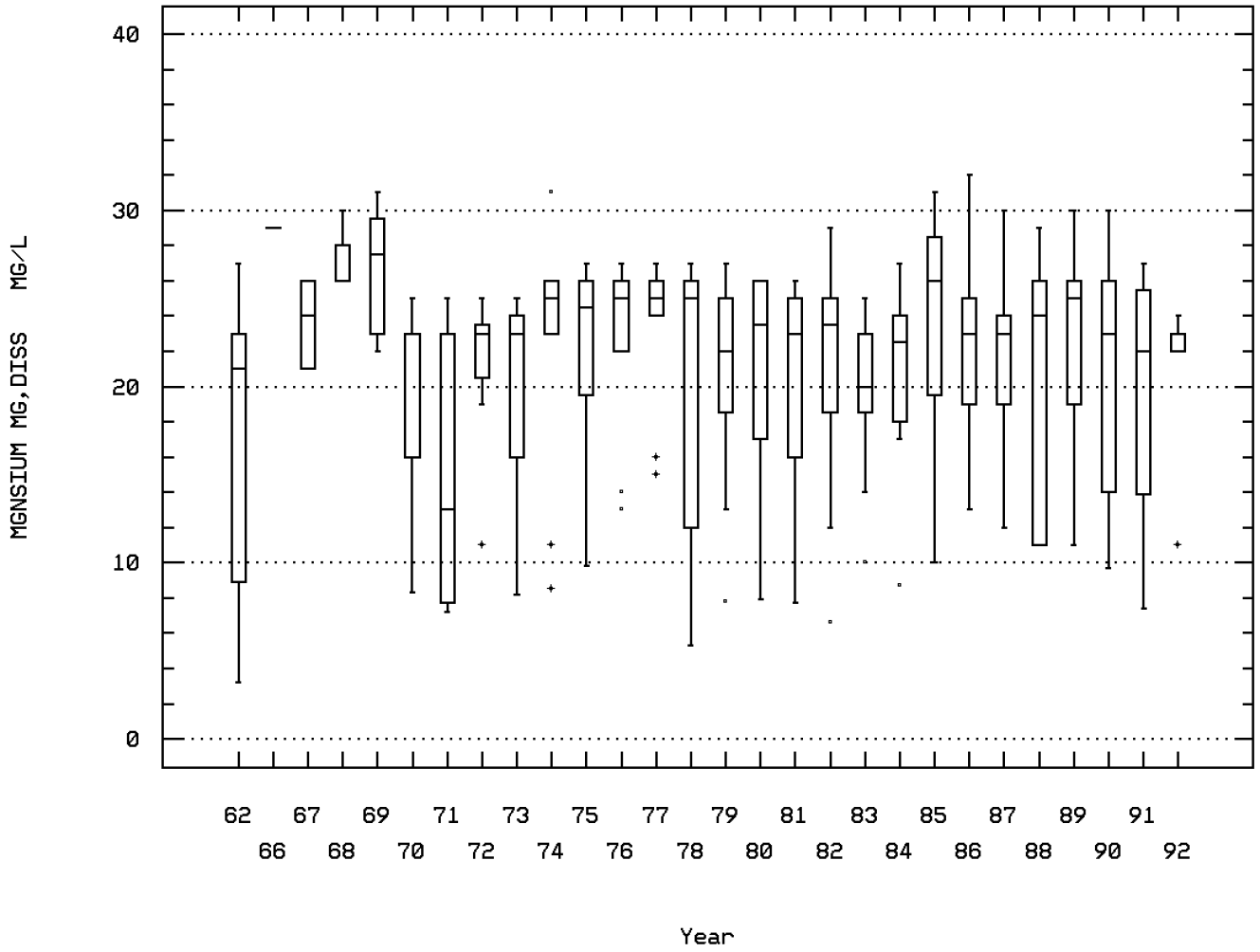
CALCIUM, DISSOLVED (MG/L AS CA)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00925

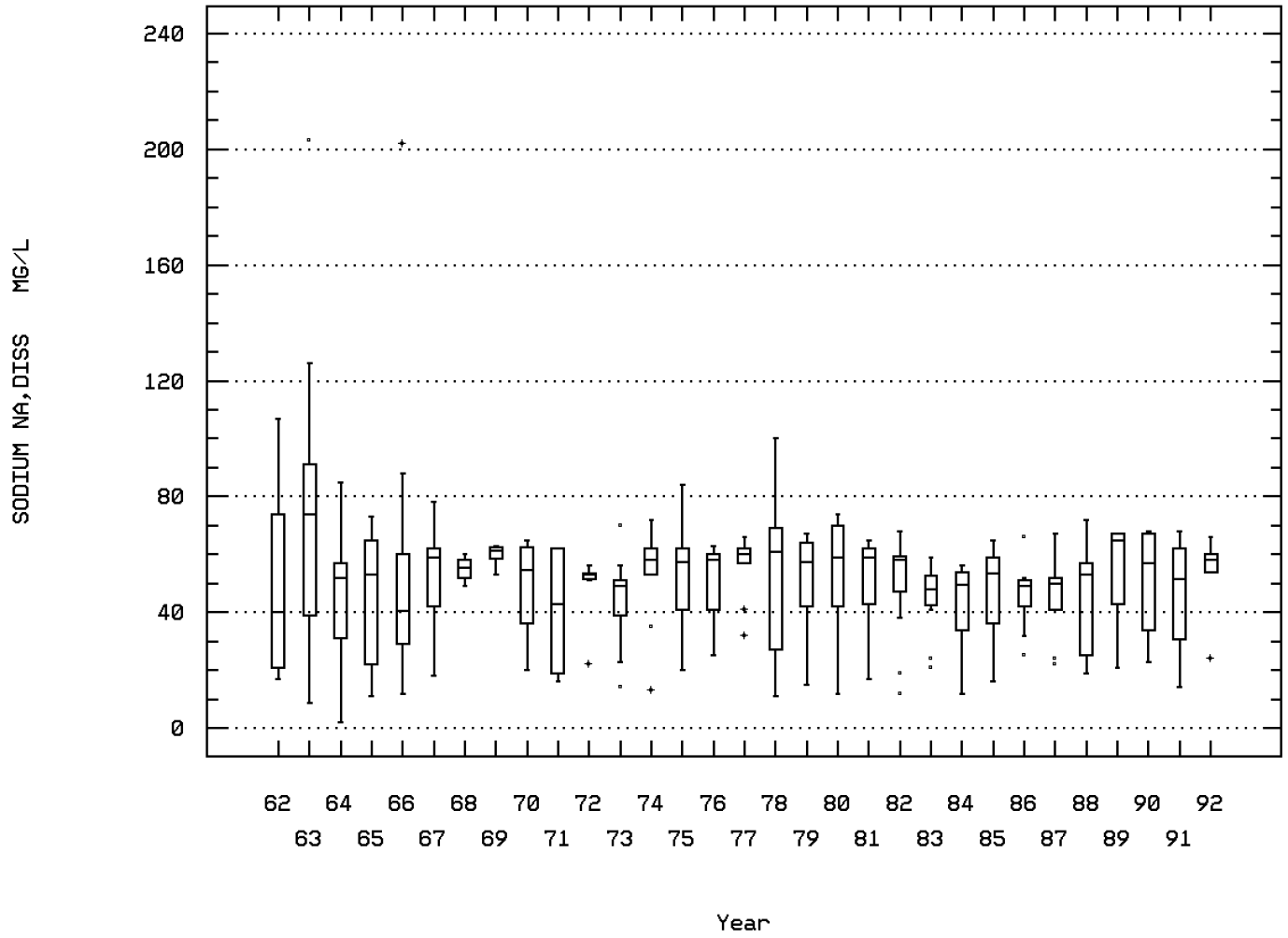
MAGNESIUM, DISSOLVED (MG/L AS MG)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00930

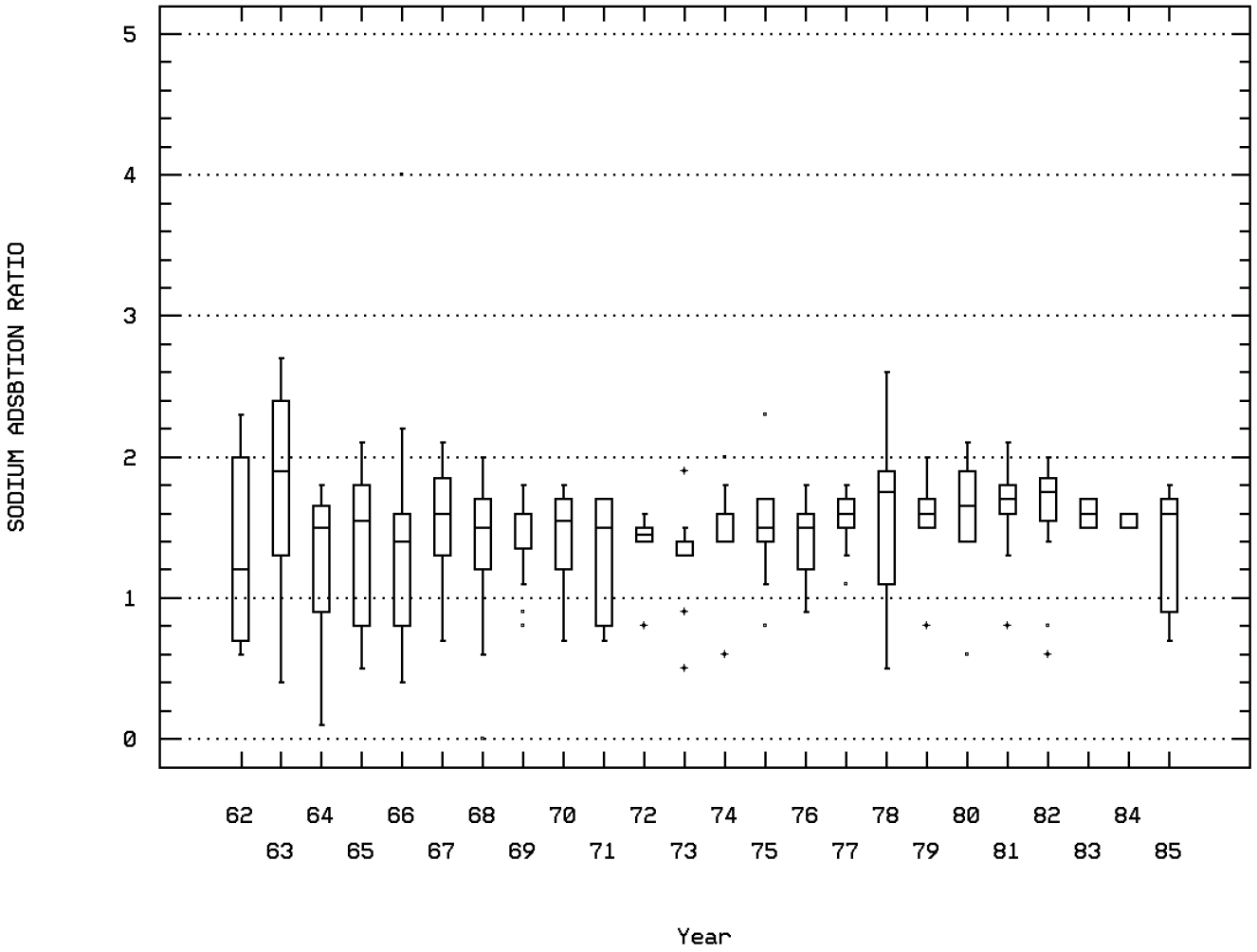
SODIUM, DISSOLVED (MG/L AS NA)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00931

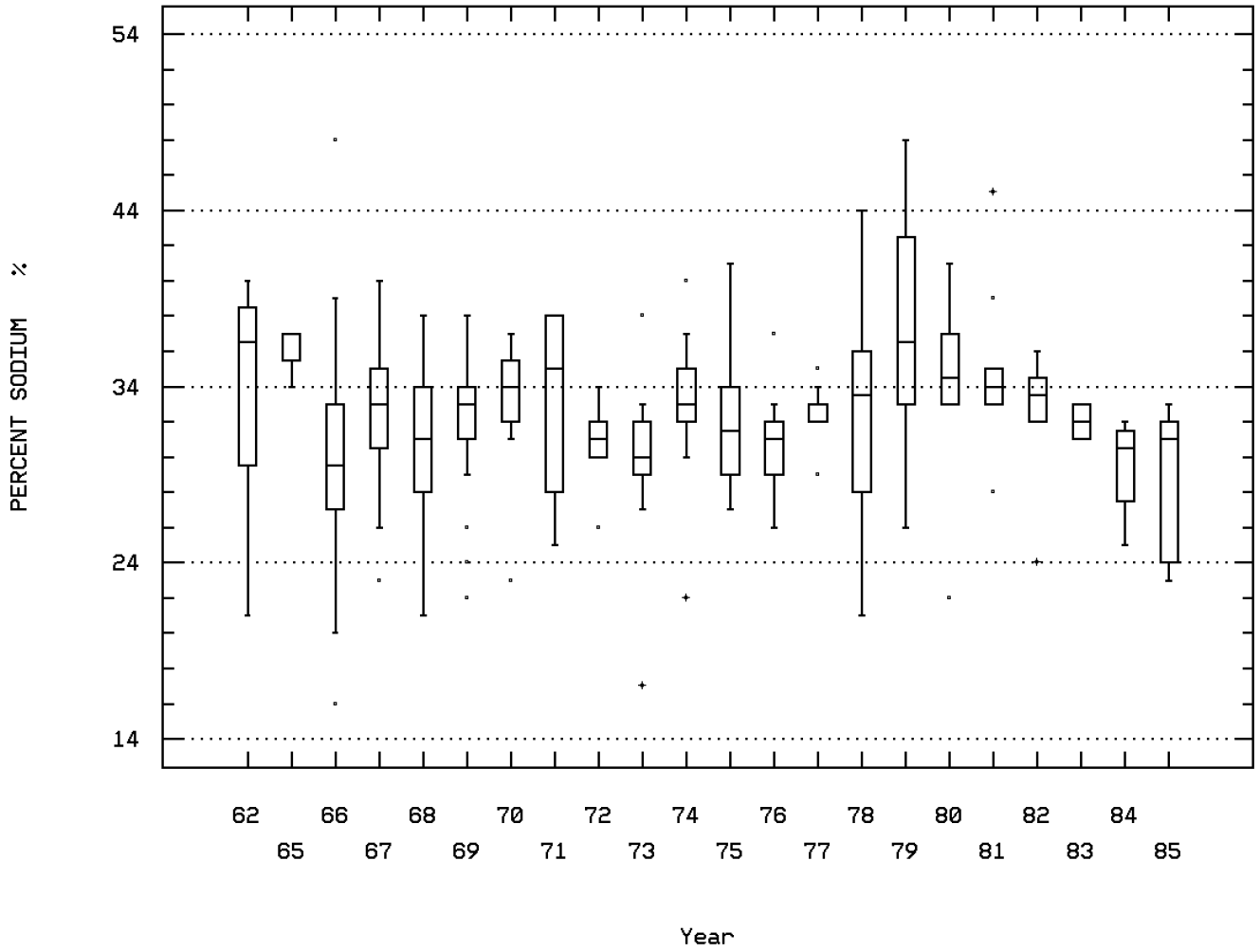
SODIUM ADSORPTION RATIO



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00932

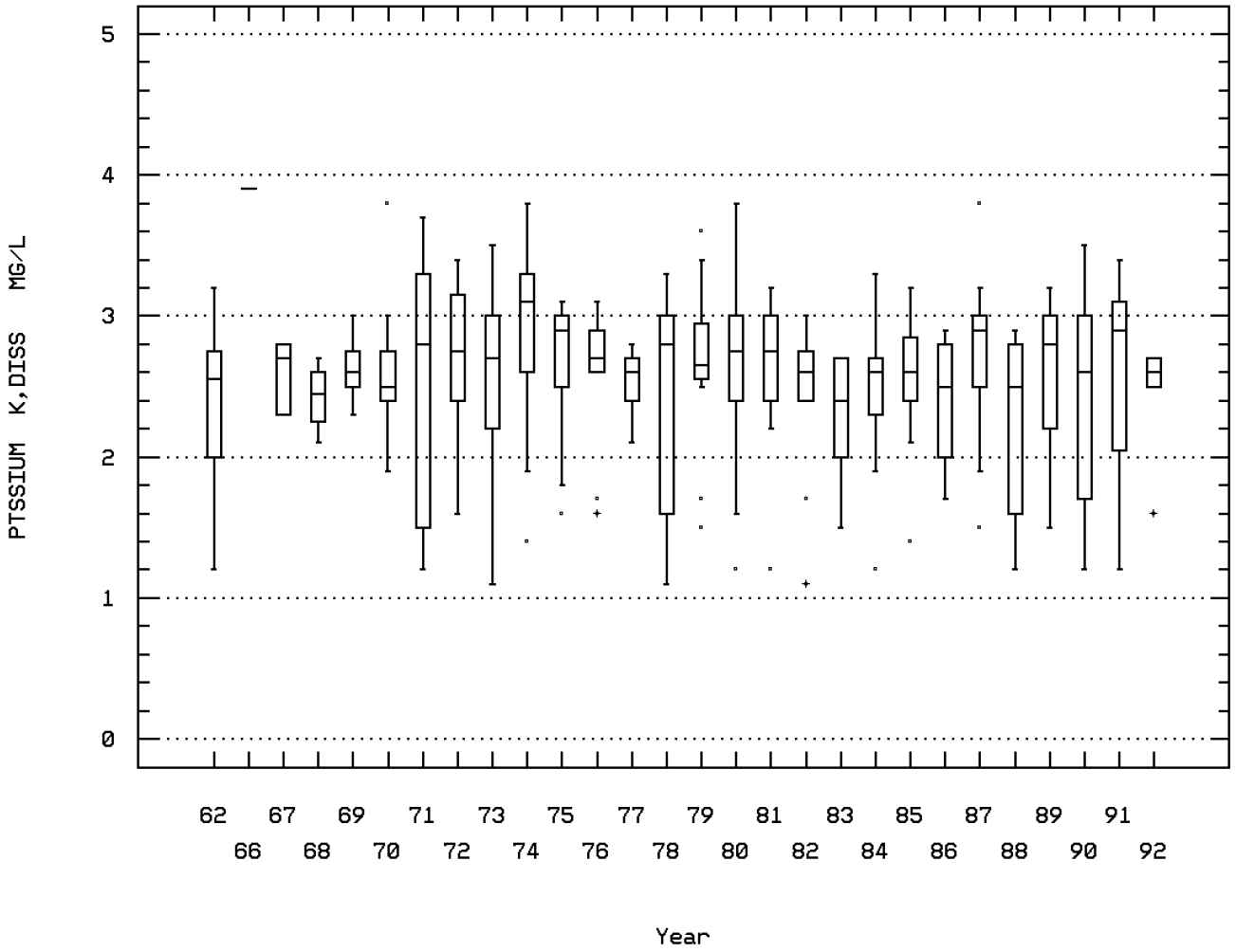
SODIUM, PERCENT



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00935

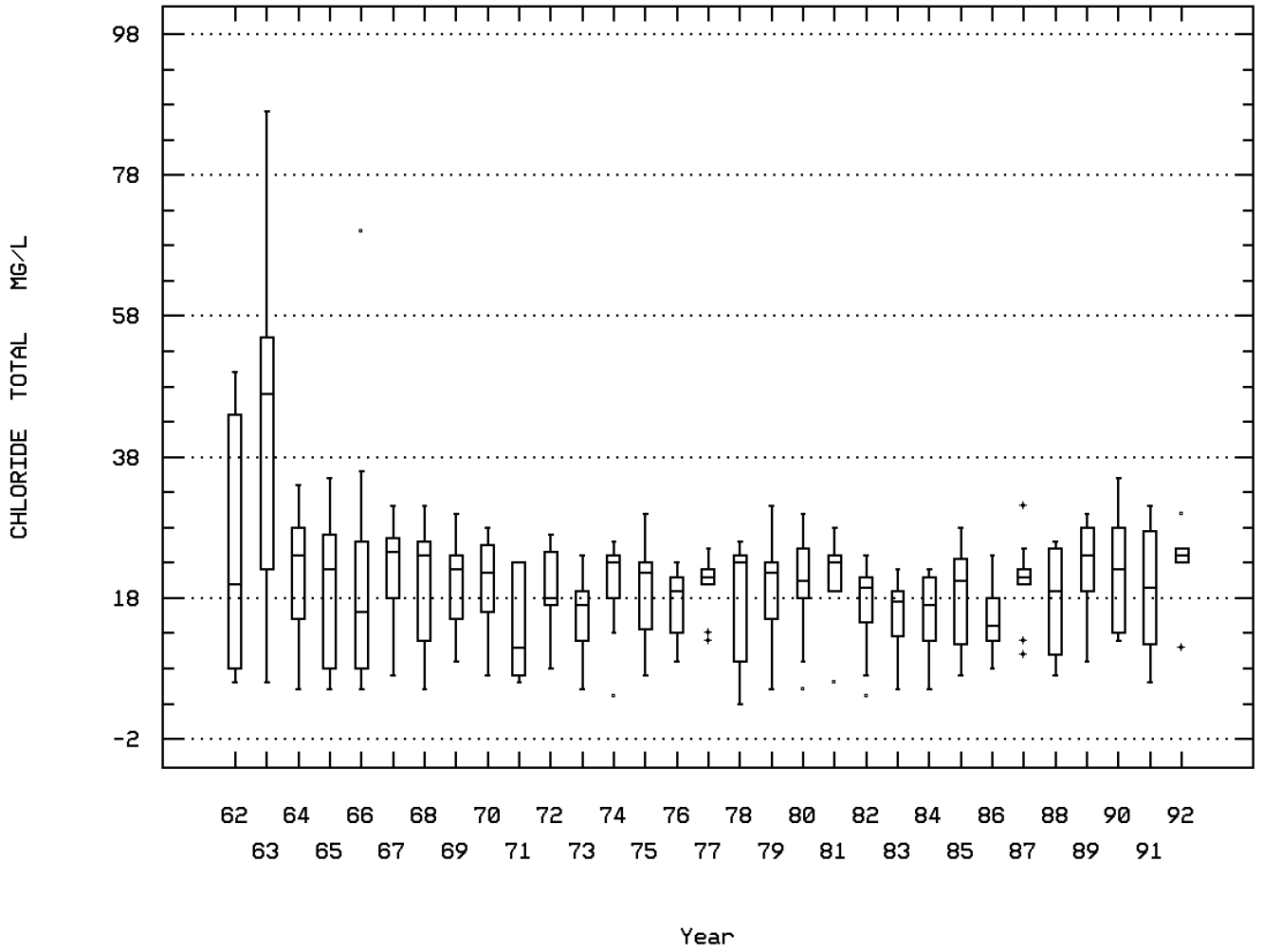
POTASSIUM, DISSOLVED (MG/L AS K)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00940

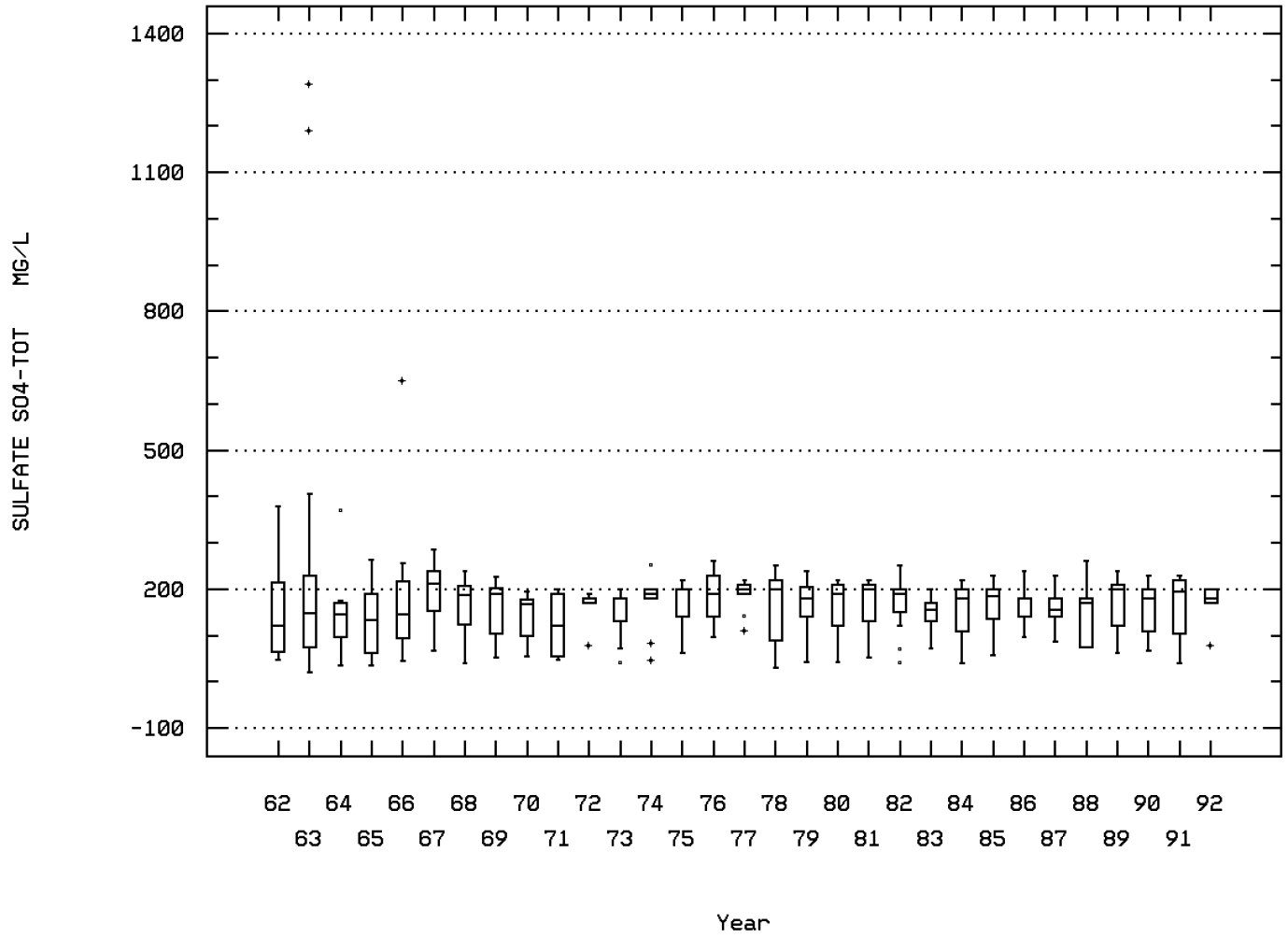
CHLORIDE,TOTAL IN WATER



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00945

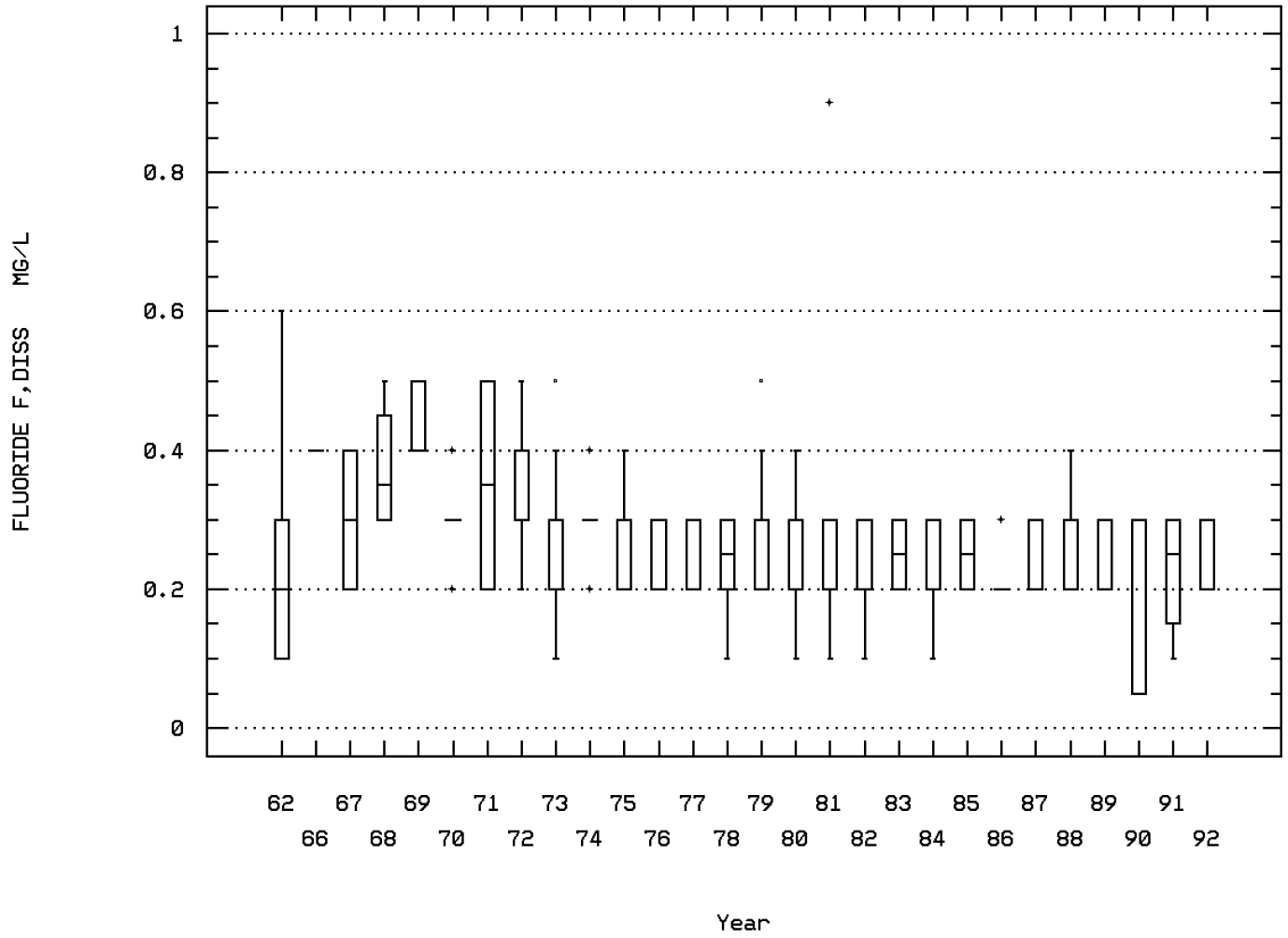
SULFATE, TOTAL (MG/L AS SO4)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00950

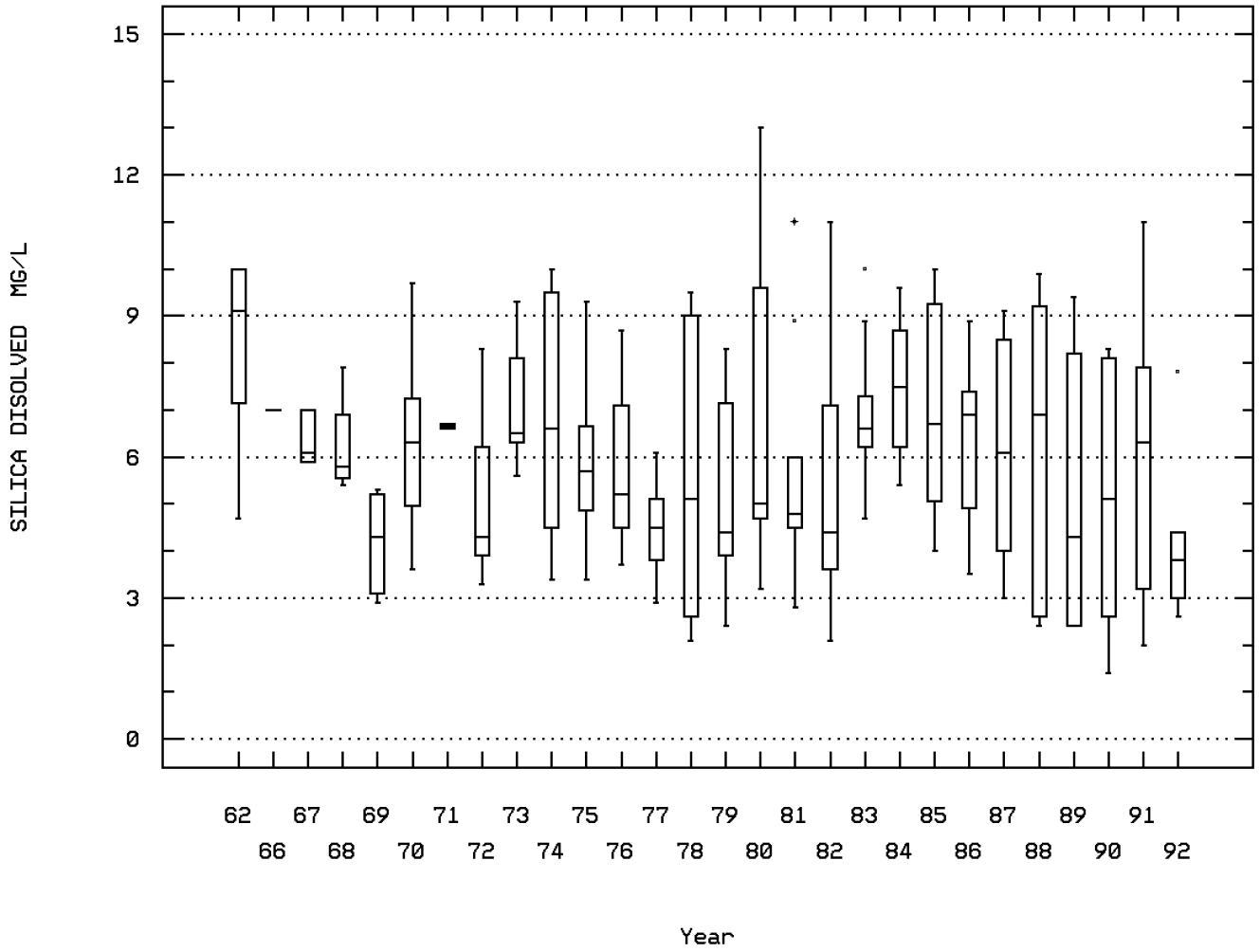
FLUORIDE, DISSOLVED (MG/L AS F)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00955

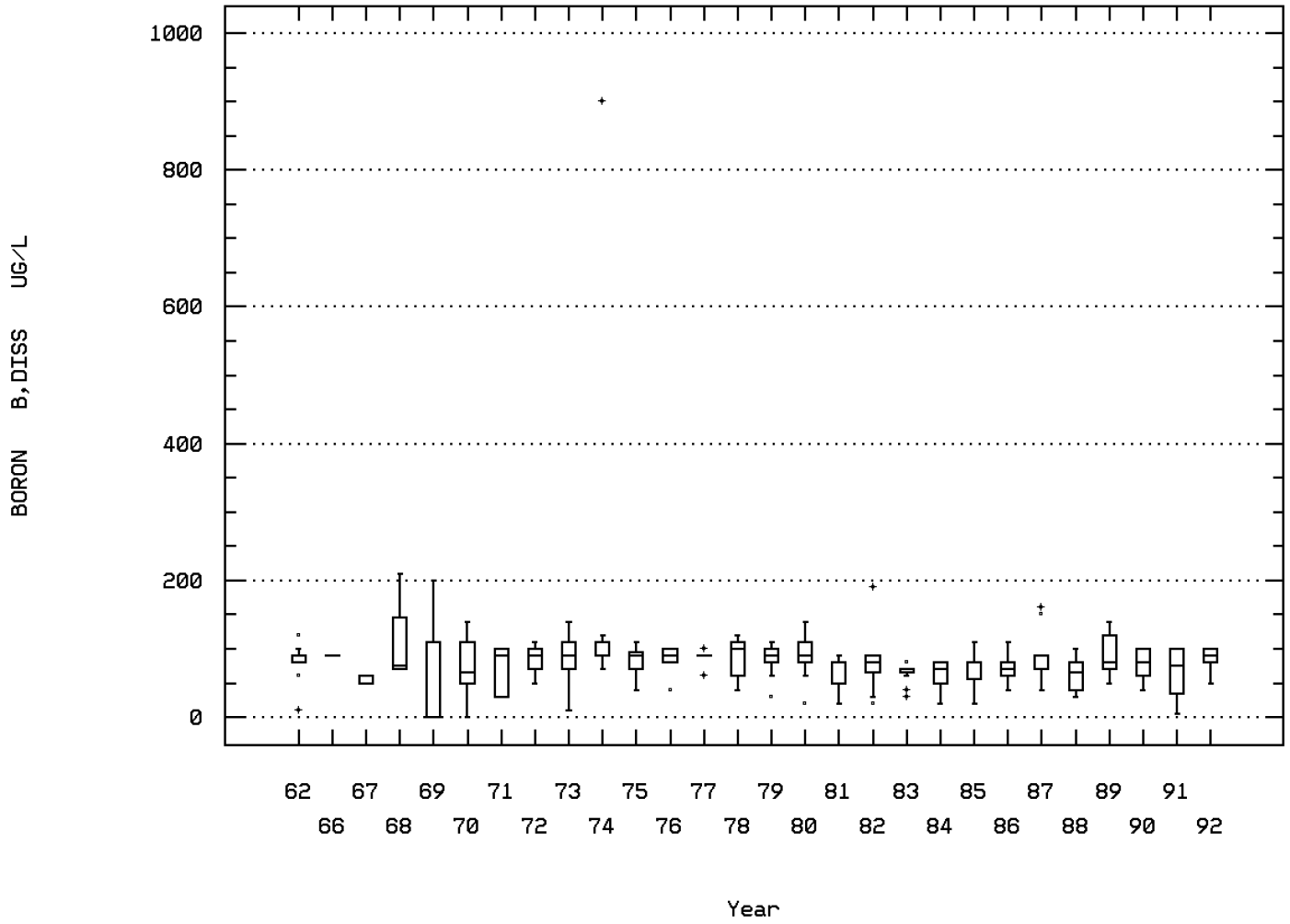
SILICA, DISSOLVED (MG/L AS SI02)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 01020

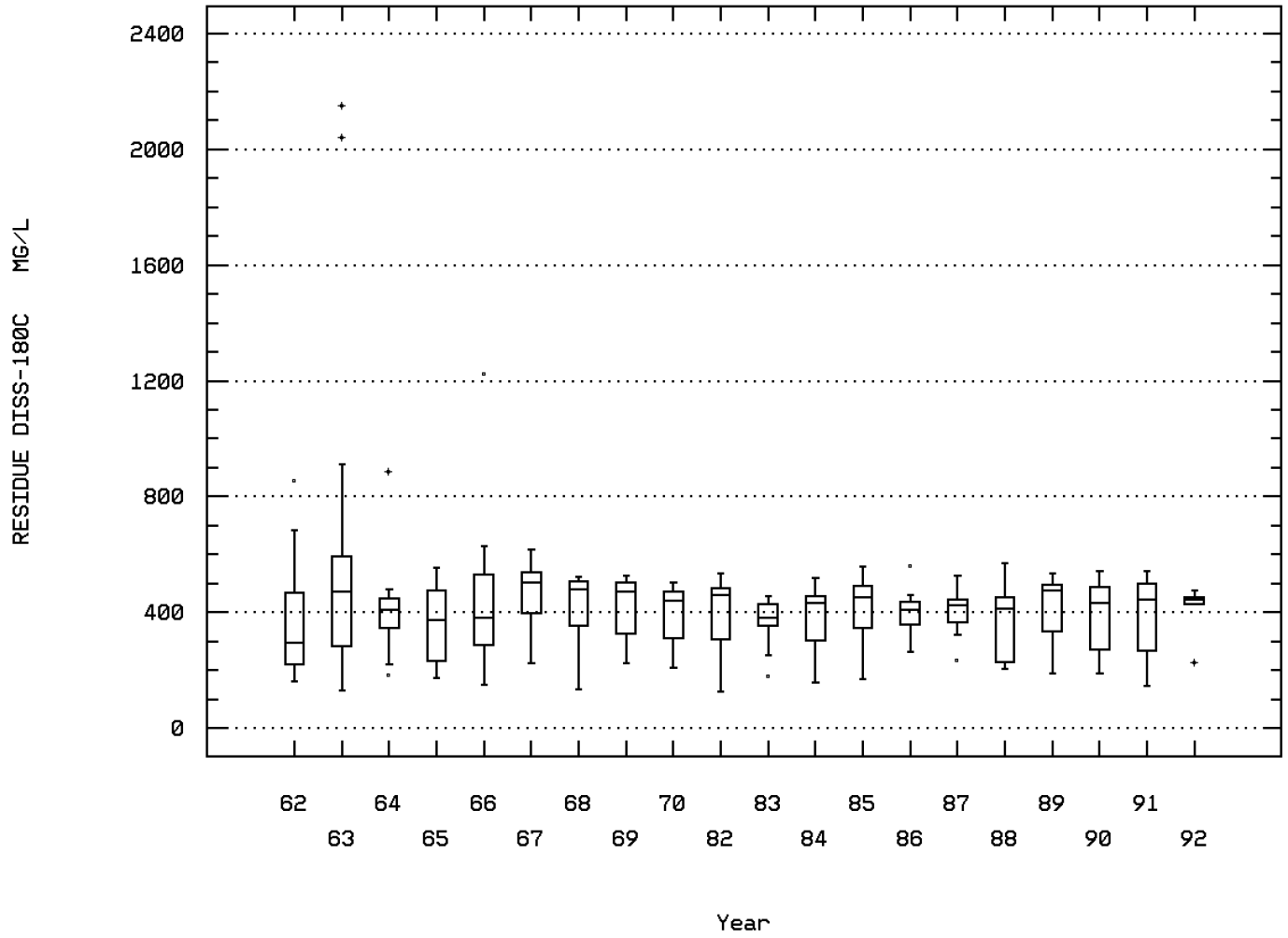
BORON, DISSOLVED (UG/L AS B)



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 70300

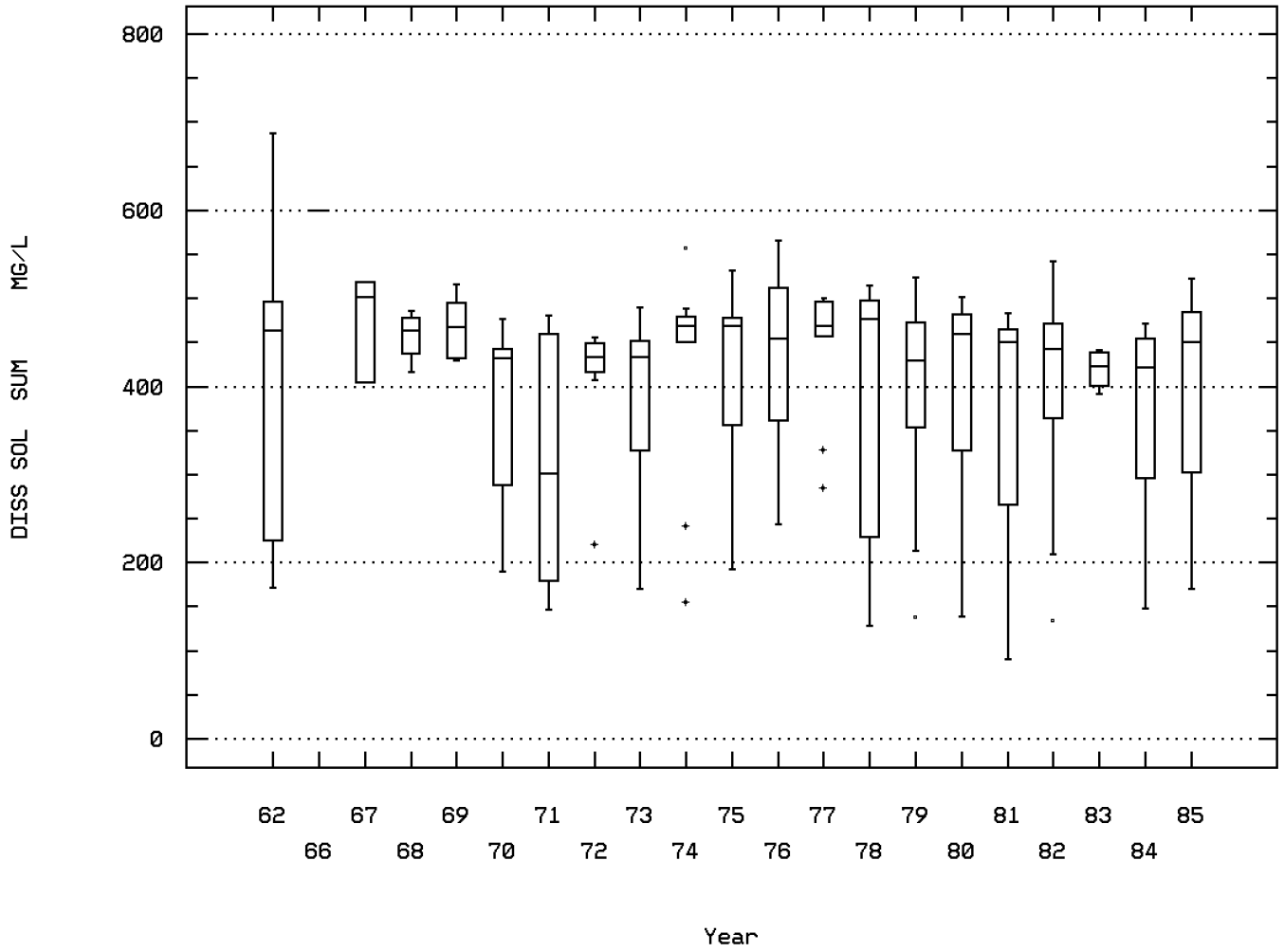
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



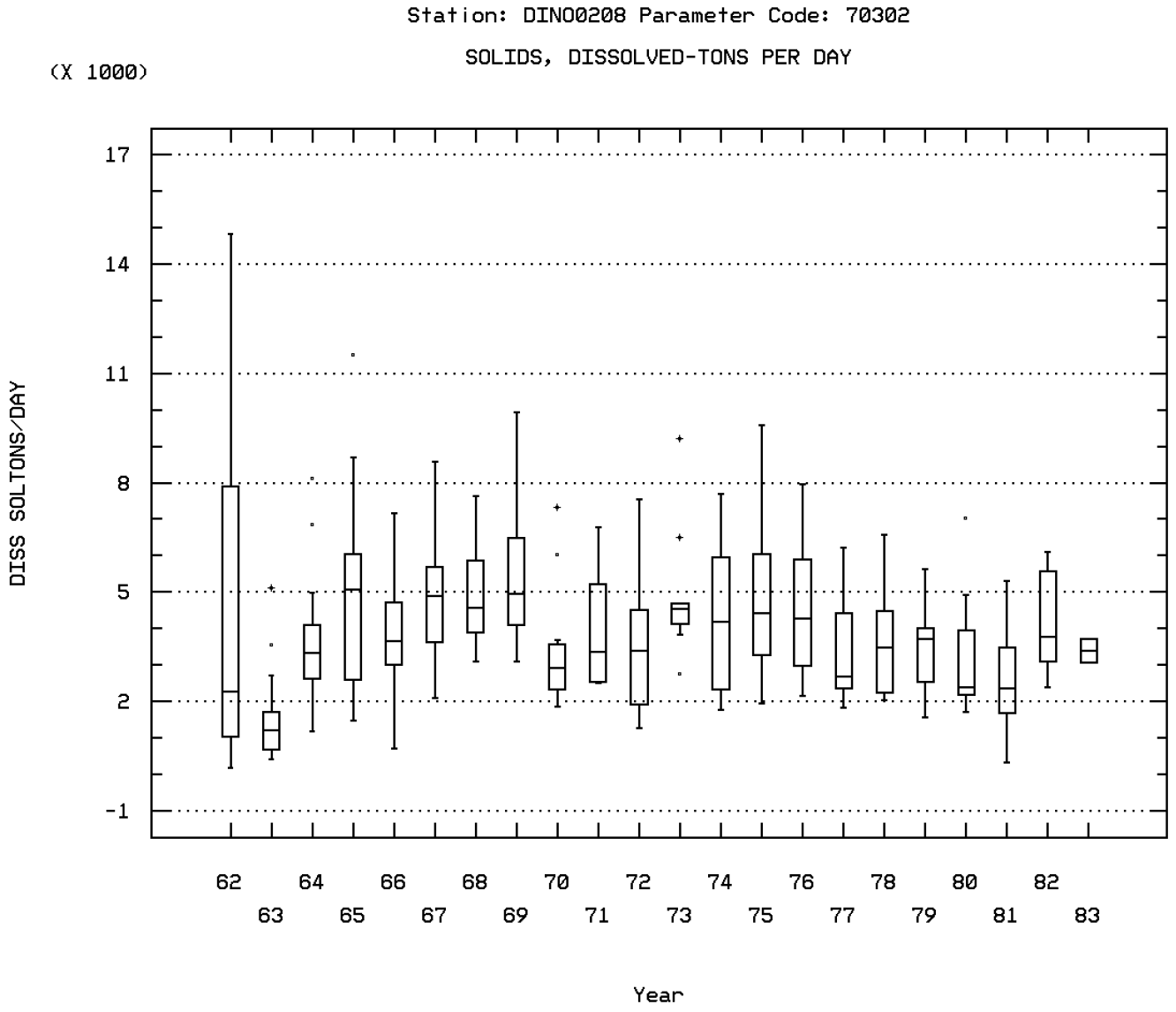
GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 70301

SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (



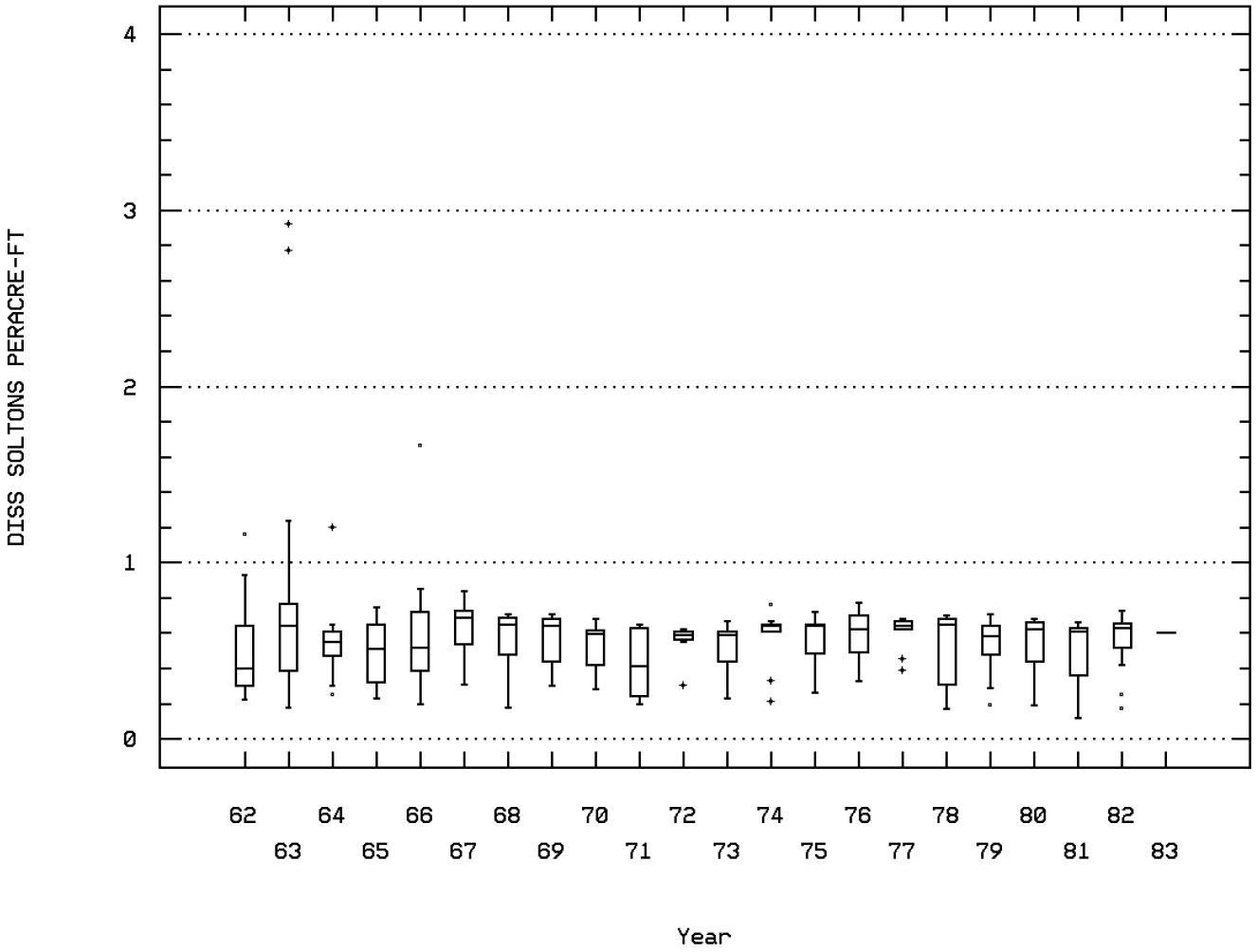
GREEN RIVER NEAR JENSEN, UTAH



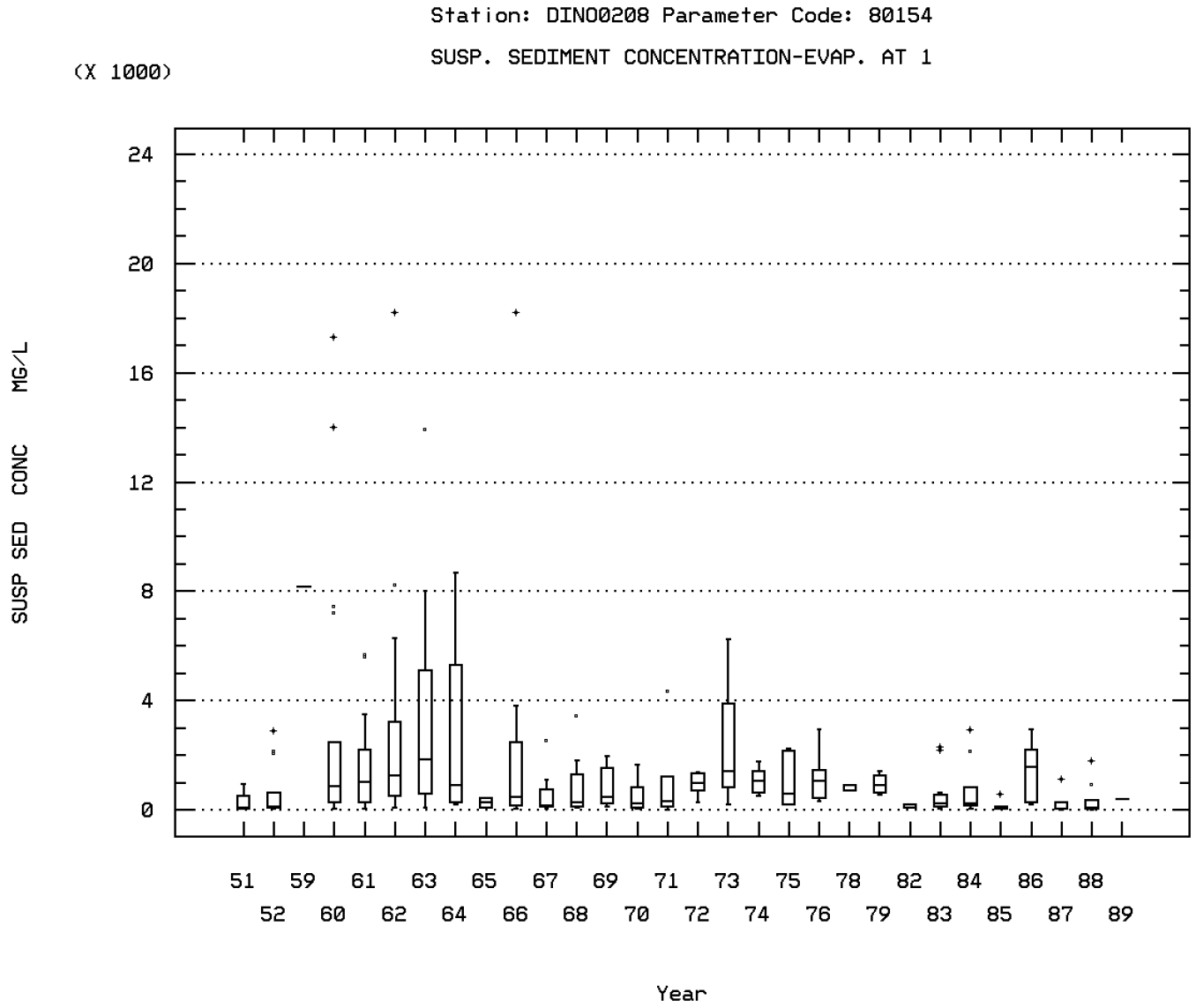
GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 70303

SOLIDS, DISSOLVED-TONS PER ACRE-FT



GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	192	5.3	6.779	24.4	-0.5	31.423	5.606	0.5	2.5	11.	16.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	92	-7.	7.636	32.	-26.	136.621	11.689	3.	7.	15.5	27.7
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	50	642.	643.12	657.	624.	41.291	6.426	636.1	640.	648.25	651.9
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	144	2396.5	2376.424	4840.	346.	1363681.449	1167.768	746.5	1442.5	3277.5	4005.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	132	2025.	2470.947	5910.	717.	1640000.86	1280.625	1260.	1480.	3205.	4556.
00065	STAGE, STREAM (FEET)	09/06/74-02/18/86	14	4.05	3.901	5.19	3.06	0.466	0.682	3.06	3.205	4.342	5.03
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	197	728.	734.604	2330.	228.	23037.026	151.78	650.8	690.	760.5	806.8
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	102	10.5	10.608	14.	5.9	2.726	1.651	8.4	9.275	12.	12.7
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	195	8.1	7.945	8.8	2.3	0.307	0.554	7.4	7.7	8.2	8.4
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	195	8.1	4.59	8.8	2.3	11.622	3.409	7.4	7.7	8.2	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	195	0.008	25.718	5011.872	0.002	128813.859	358.906	0.004	0.006	0.02	0.04
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	51	8.3	8.253	8.6	7.4	0.039	0.198	8.02	8.2	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	51	8.3	8.19	8.6	7.4	0.043	0.208	8.02	8.2	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	51	0.005	0.006	0.04	0.003	0.	0.005	0.004	0.004	0.006	0.01
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	105	4.6	5.188	34.	0.5	21.51	4.638	1.2	2.25	6.35	10.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	122	154.	154.836	259.	36.	532.535	23.077	140.	149.75	161.	170.7
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	114	188.	188.044	264.	44.	743.246	27.263	170.	180.	196.25	208.5
00445	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	93	0.	1.269	66.	0.	52.612	7.253	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	47	0.03	0.066	0.82	0.005	0.016	0.128	0.005	0.02	0.06	0.1
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/20/62-09/16/70	17	0.41	0.722	1.8	0.02	0.378	0.615	0.076	0.17	1.35	1.64
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	97	0.3	0.317	0.9	0.025	0.056	0.237	0.05	0.1	0.5	0.7
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	49	0.02	0.021	0.12	0.	0.001	0.027	0.	0.	0.03	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	83	0.005	0.01	0.05	0.	0.	0.009	0.005	0.005	0.01	0.02
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	145	260.	263.683	1200.	92.	7639.829	87.406	227.6	240.	270.5	290.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	124	104.5	110.927	978.	11.	7028.995	83.839	68.5	88.	120.	133.5
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	115	61.	61.635	101.	32.	44.83	6.696	55.	58.	65.	68.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	115	25.	24.402	31.	3.2	8.343	2.888	22.	23.	26.	27.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	161	60.	61.081	203.	13.	294.287	17.155	50.	53.	64.5	74.
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	145	1.7	1.683	2.6	0.4	0.1	0.316	1.4	1.5	1.8	2.1
00932p	SODIUM, PERCENT	04/20/62-11/21/85	114	33.	33.877	48.	26.	11.755	3.429	30.5	32.	35.	37.5
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/01/67-03/11/80	18	63.	64.556	83.	45.	85.438	9.243	54.	60.5	66.25	83.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	115	2.8	2.778	3.9	1.2	0.117	0.342	2.5	2.6	3.	3.14
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	173	24.	25.931	70.	5.	93.867	9.689	18.	21.	27.	37.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	174	190.	199.667	1290.	49.	8477.414	92.073	152.5	171.75	210.	230.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	111	0.3	0.289	0.9	0.05	0.01	0.1	0.2	0.2	0.3	0.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	113	5.	5.169	13.	2.	3.799	1.949	2.74	3.8	6.4	7.5
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	110	90.	100.274	900.	0.1	6641.025	81.492	70.	80.	100.	120.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/87-04/03/96	15 ##	0.5	0.567	1.	0.5	0.031	0.176	0.5	0.5	0.5	1.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	123	467.	487.919	2150.	148.	30953.616	175.936	402.4	436.	506.	559.2
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	89	464.	466.652	688.	172.	2656.411	51.54	426.	444.5	482.5	514.
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	137	2910.01	3093.135	6640.	167.	2284497.392	1511.455	1248.01	2010.005	4090.	5384.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	137	0.64	0.667	2.92	0.2	0.051	0.225	0.57	0.61	0.69	0.752
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	41	95.	86.659	100.	18.	350.58	18.724	55.4	74.	99.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	30	98.	93.	100.	66.	81.931	9.052	77.4	88.	98.25	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	24	99.	97.583	100.	88.	13.297	3.647	90.	97.	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	14	100.	99.357	100.	95.	2.247	1.499	96.	99.75	100.	100.
70337p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	32	50.	44.313	75.	4.	445.577	21.109	8.3	27.75	60.75	68.4
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	46	63.	56.913	88.	4.	504.481	22.461	18.1	39.	75.5	79.6
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/15/51-06/01/63	6	70.5	69.5	91.	42.	321.1	17.919	**	**	**	**
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	31	88.	83.355	99.	8.	351.703	18.754	55.2	80.	95.	97.8
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/15/51-06/01/63	6	92.5	86.333	98.	59.	225.467	15.016	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	10/01/59-08/23/79	23	84.	71.13	100.	14.	847.937	29.119	24.4	46.	98.	100.
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	03/21/60-06/04/79	19	78.	79.211	100.	29.	447.398	21.152	46.	66.	97.	99.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	03/21/60-06/04/79	18	100.	99.111	100.	95.	1.987	1.41	96.8	98.	100.	100.
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	03/31/60-06/04/79	7	100.	100.	100.	100.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/20/62-09/16/70	17	1.8	3.188	8.	0.1	7.272	2.697	0.34	0.75	5.95	7.12
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	108	177.	923.667	8200.	9.	3107578.598	1762.833	38.	75.	799.	2993.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	42	1770.	6017.119	74800.	90.	166393557.815	12899.363	174.6	548.	4490.	17180.

** - Less 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: 3/01 to 5/31 - Station DINO0208

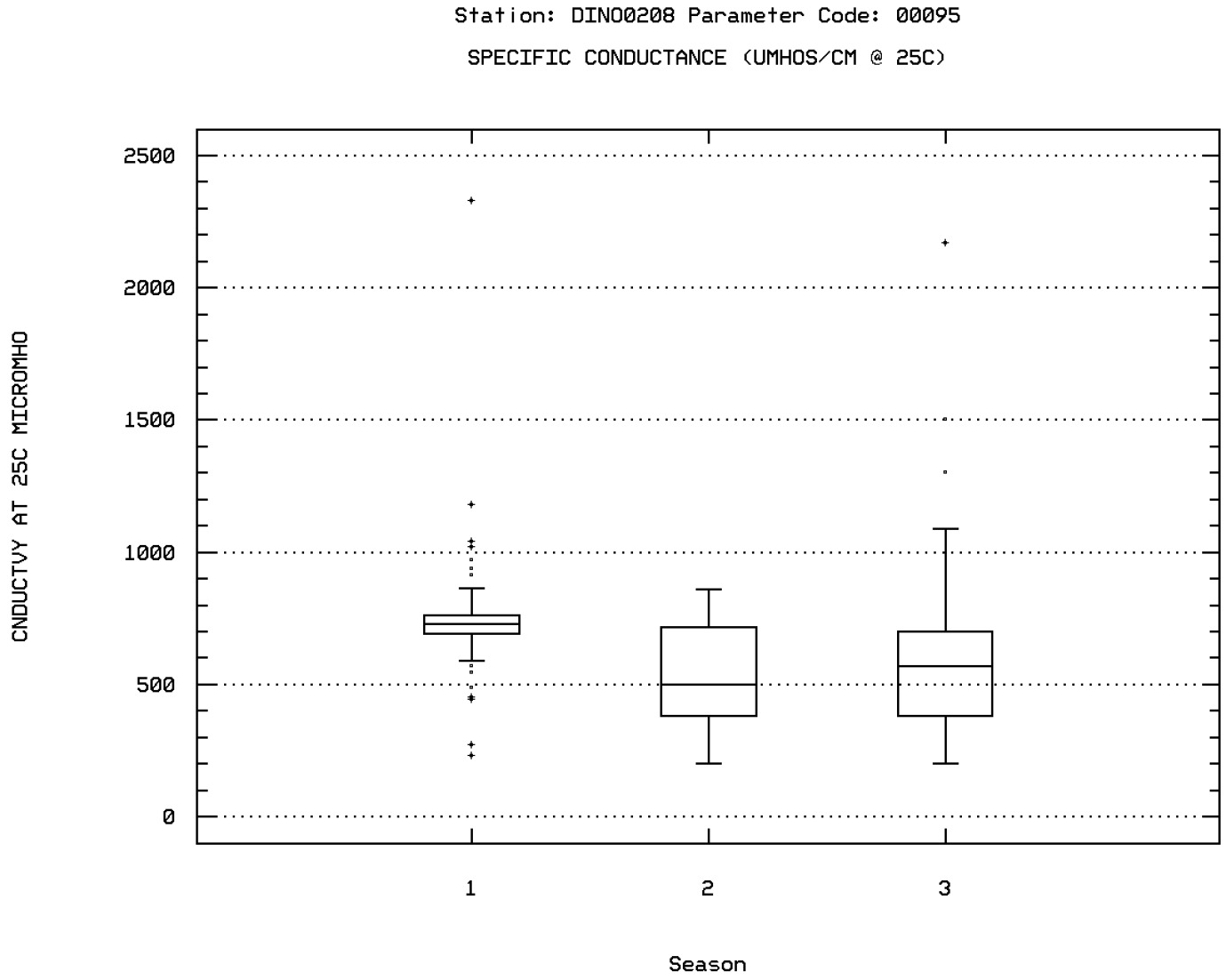
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	140	10.	9.88	19.4	2.	16.027	4.003	4.	6.55	12.8	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	57	17.	17.105	30.5	3.	51.203	7.156	6.	11.5	22.25	26.4
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	31	639.	638.613	651.	620.	61.378	7.834	629.2	635.	645.	649.
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	113	5640.	7102.027	23900.	699.	24217274.955	4921.105	2218.	3425.	10015.	13120.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	94	5720.	7571.479	29500.	1300.	36061842.94	6005.151	2200.	2985.	10265.	16650.
00065	STAGE, STREAM (FEET)	09/06/74-02/18/86	5	7.58	6.778	8.07	4.92	1.938	1.392	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	121	500.	543.512	858.	202.	33702.585	183.583	323.4	377.5	718.	780.
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	51	9.6	9.669	12.6	7.8	1.234	1.111	8.22	8.7	10.6	11.08
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	119	7.9	7.907	8.6	6.7	0.12	0.346	7.5	7.7	8.1	8.36
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	119	7.9	7.73	8.6	6.7	0.151	0.389	7.5	7.7	8.1	8.36
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	119	0.013	0.019	0.2	0.003	0.001	0.028	0.004	0.008	0.02	0.032
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	33	8.1	8.082	8.4	7.3	0.051	0.226	7.8	8.	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	33	8.1	8.007	8.4	7.3	0.057	0.238	7.8	8.	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	33	0.008	0.01	0.05	0.004	0.	0.008	0.005	0.006	0.01	0.016
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	71	4.4	4.794	30.	1.1	13.851	3.722	1.74	2.6	6.	6.96
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	79	131.	129.177	170.	75.	701.481	26.485	89.	110.	153.	162.
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	73	160.	158.384	207.	91.	1002.656	31.665	115.4	134.5	189.5	197.6
00445	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	61	0.	0.098	4.	0.	0.323	0.569	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	31	0.04	0.04	0.12	0.005	0.001	0.028	0.005	0.02	0.05	0.07
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/20/62-09/16/70	7	0.66	0.624	1.	0.16	0.065	0.256	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	59	0.3	0.393	1.5	0.025	0.077	0.278	0.1	0.2	0.5	0.7
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	30	0.05	0.073	0.37	0.	0.008	0.088	0.	0.03	0.09	0.204
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	54	0.015	0.02	0.12	0.005	0.	0.02	0.005	0.005	0.03	0.045
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	87	185.	193.034	290.	85.	3014.173	54.901	124.	146.	244.	260.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	79	58.	62.772	127.	8.	1066.204	32.653	24.	34.	92.	110.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	66	50.	48.091	68.	24.	159.407	12.626	29.7	38.	60.25	63.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	66	19.	19.515	32.	7.8	51.202	7.156	9.87	12.75	26.	29.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	101	39.	41.413	84.	8.7	416.161	20.4	17.2	22.5	62.5	70.
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	87	1.2	1.243	2.3	0.4	0.252	0.502	0.6	0.8	1.7	1.9
00932p	SODIUM, PERCENT	04/20/62-11/21/85	66	30.	30.515	45.	16.	37.546	6.127	23.	25.75	36.25	38.
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/01/67-03/11/80	13	37.	43.769	74.	17.	459.859	21.444	18.6	24.5	68.	73.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	67	2.5	2.457	3.8	1.2	0.443	0.666	1.5	1.9	3.	3.32
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	112	14.	15.848	43.	4.	67.517	8.217	7.	8.25	22.	27.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	112	120.	133.348	260.	20.	4195.166	64.77	53.3	74.5	191.75	221.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	64	0.25	0.259	0.6	0.1	0.007	0.081	0.2	0.2	0.3	0.35
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	63	8.3	7.868	11.	3.5	3.692	1.921	4.54	6.3	9.4	10.
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	64	70.	70.314	140.	0.09	621.922	24.938	40.	52.5	90.	100.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/87-04/03/96	15	1.	2.	7.	0.5	5.036	2.244	0.5	0.5	2.	7.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	83	323.	354.349	571.	131.	15518.084	124.572	201.6	243.	480.	531.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	44	344.	361.614	556.	155.	15333.405	123.828	196.	251.5	479.	509.
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	84	4885.	5385.005	14830.1	1150.01	6517039.751	2552.849	2685.	3757.508	6777.5	8399.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	84	0.435	0.472	0.76	0.18	0.028	0.167	0.265	0.32	0.648	0.7
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	36	70.	70.278	100.	31.	477.635	21.855	40.4	46.5	91.	96.3
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	33	86.	81.121	99.	49.	285.422	16.894	51.	71.	96.	98.6
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	33	97.	93.515	100.	74.	61.82	7.863	80.4	93.	99.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	28	100.	98.286	100.	84.	18.286	4.276	92.1	99.	100.	100.
70337p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	57	35.	37.632	67.	8.	270.523	16.448	18.8	25.	54.5	62.4
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	73	39.	43.849	79.	10.	412.574	20.312	18.	27.5	63.	73.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/15/51-06/01/63	4	48.	46.75	79.	12.	1272.917	35.678	**	**	**	**
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	68	51.5	57.206	95.	15.	544.853	23.342	27.	38.	79.	90.1
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/15/51-06/01/63	4	57.5	56.	90.	19.	1423.333	37.727	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	10/01/59-08/23/79	54	75.	75.574	100.	31.	260.023	16.125	55.5	63.25	90.	95.5
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	03/21/60-06/04/79	51	86.	84.216	100.	49.	146.333	12.097	70.2	77.	94.	98.8
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	03/21/60-06/04/79	49	96.	93.796	100.	10.	174.332	13.204	87.	93.	100.	100.
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	03/31/60-06/04/79	35	100.	94.2	100.	10.	447.929	21.164	93.2	99.	100.	100.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/20/62-09/16/70	7	2.9	2.786	4.6	0.7	1.391	1.18	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	93	1380.	2041.946	18200.	69.	5700358.225	2387.542	309.	714.5	2280.	4910.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	58	20850.	35569.414	202000.	130.	1458138738.528	38185.583	1750.	7560.	50300.	82240.

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/59-08/21/96	138	18.5	18.491	25.6	6.	9.353	3.058	14.36	16.1	21.025	22.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/73-08/21/96	55	30.	29.538	38.	7.6	22.788	4.774	25.	27.5	33.	34.5
00025	BAROMETRIC PRESSURE (MM OF HG)	10/22/81-10/08/92	24	645.5	646.5	698.	634.	151.826	12.322	636.5	640.	650.	653.
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/59-06/09/76	128	3980.	5227.359	17800.	290.	18738731.098	4328.826	817.8	2078.	7823.75	12586.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/51-08/21/96	87	3580.	5717.632	26800.	774.	30811792.491	5550.837	1188.	1810.	9050.	12480.
00065	STAGE, STREAM (FEET)	09/06/74-02/18/86	9	6.02	6.342	11.36	3.03	6.21	2.492	3.03	4.63	7.81	11.36
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/62-08/21/96	137	570.	564.949	2170.	200.	67085.578	259.009	287.4	373.5	705.	774.4
00300p	OXYGEN, DISSOLVED MG/L	10/28/69-10/08/92	52	8.2	8.762	35.	7.	14.102	3.755	7.53	7.825	8.6	9.1
00400p	PH (STANDARD UNITS)	04/20/62-08/21/96	134	7.8	7.815	8.6	6.6	0.141	0.375	7.4	7.575	8.1	8.3
00400p	CONVERTED PH (STANDARD UNITS)	04/20/62-08/21/96	134	7.8	7.642	8.6	6.6	0.171	0.414	7.4	7.575	8.1	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/62-08/21/96	134	0.016	0.023	0.251	0.003	0.001	0.03	0.005	0.008	0.027	0.04
00403	PH, LAB, STANDARD UNITS SU	10/22/80-09/03/92	30	8.2	8.227	8.5	7.8	0.033	0.182	8.	8.1	8.4	8.49
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-09/03/92	30	8.2	8.189	8.5	7.8	0.035	0.186	8.	8.1	8.4	8.49
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-09/03/92	30	0.006	0.006	0.016	0.003	0.	0.003	0.003	0.004	0.008	0.01
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/62-10/30/78	92	5.45	6.875	66.	1.	61.174	7.821	1.83	3.35	7.35	11.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/62-09/18/80	99	130.	126.101	214.	62.	901.337	30.022	85.	103.	149.	157.
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/62-10/30/78	93	164.	155.204	261.	82.	1288.795	35.9	107.4	125.5	183.	191.6
00445	CARBONATE ION (MG/L AS CO3)	04/20/62-10/30/78	71	0.	0.028	2.	0.	0.056	0.237	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/26/82-10/08/92	26	0.03	0.048	0.26	0.	0.003	0.057	0.005	0.018	0.045	0.132
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/20/62-09/16/70	6	0.785	0.725	1.2	0.18	0.217	0.466	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/30/71-10/08/92	57	0.1	0.314	7.3	0.01	0.92	0.959	0.05	0.05	0.3	0.52
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/22/68-02/24/83	31	0.03	0.025	0.09	0.	0.001	0.022	0.	0.	0.03	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/30/71-10/08/92	49	0.01	0.015	0.17	0.	0.001	0.027	0.005	0.005	0.01	0.02
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/62-08/29/90	109	186.	206.028	1250.	0.	16838.008	129.761	96.	130.	250.	286.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/62-12/02/80	99	66.	85.394	1070.	0.	13180.18	114.805	17.	28.	110.	133.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/62-09/03/92	64	48.5	45.5	68.	0.	243.143	15.593	24.	32.25	58.	64.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/62-09/03/92	64	19.	17.57	31.	5.3	44.066	6.638	7.75	11.	23.	25.5
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/20/62-09/03/92	114	43.5	45.333	202.	2.	724.454	26.916	16.5	25.	57.25	68.5
00931p	SODIUM ADSORPTION RATIO	04/20/62-11/21/85	108	1.4	1.327	4.	0.	0.312	0.559	0.6	0.9	1.6	1.8
00932p	SODIUM, PERCENT	04/20/62-11/21/85	72	31.	30.792	48.	17.	23.012	4.797	24.	28.	33.	35.7
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/01/67-03/11/80	17	36.	38.882	59.	13.	272.735	16.515	16.2	20.5	55.	58.2
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/62-09/03/92	64	2.4	2.255	3.8	1.1	0.445	0.667	1.2	1.625	2.7	3.
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/20/62-09/03/92	129	18.	19.326	87.	3.	186.346	13.651	6.	9.	24.	31.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/20/62-09/03/92	129	133.	145.729	1190.	26.	15736.637	125.446	47.	71.	188.	220.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/62-09/03/92	61	0.2	0.233	0.5	0.05	0.01	0.099	0.1	0.2	0.3	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	04/20/62-09/03/92	61	5.7	5.679	9.7	1.4	4.655	2.158	2.92	4.	7.4	8.68
01020p	BORON, DISSOLVED (UG/L AS B)	04/20/62-09/03/92	62	70.	63.792	190.	0.04	1141.357	33.784	20.	40.	82.5	100.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/87-04/03/96	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/62-09/03/92	98	358.	386.347	2040.	128.	58751.734	242.388	181.5	244.	473.5	526.1
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/20/62-11/21/85	48	343.	326.104	500.	90.	16353.287	127.88	138.8	195.5	435.75	477.
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/20/62-02/24/83	106	3660.005	4021.683	11490.1	321.	4656236.63	2157.831	1392.01	2622.503	5682.5	7159.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/20/62-02/24/83	106	0.475	0.517	2.77	0.12	0.106	0.326	0.23	0.3	0.643	0.706
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/51-04/21/86	36	98.	83.389	100.	30.	458.816	21.42	52.1	64.	100.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	11/25/51-04/09/64	21	80.	83.381	100.	38.	241.148	15.529	68.2	74.5	98.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	11/25/51-04/09/64	18	93.5	90.5	100.	58.	117.206	10.826	73.3	88.	98.25	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	11/25/51-07/20/62	16	100.	97.	100.	85.	32.267	5.68	85.	98.	100.	100.
70337p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/15/51-08/23/79	49	36.	38.204	77.	9.	407.457	20.186	12.	20.	57.5	65.
70338p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/15/51-08/23/79	61	44.	46.049	87.	11.	571.614	23.908	13.4	24.	67.	78.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/15/51-06/01/63	12	45.	48.25	82.	13.	644.023	25.378	14.5	25.75	76.5	80.8
70340p	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/15/51-08/23/79	49	72.	63.816	100.	16.	927.403	30.453	20.	35.5	93.5	97.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/15/51-06/01/63	12	63.5	64.333	95.	25.	718.242	26.8	25.3	40.	93.5	94.7
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	10/01/59-08/23/79	32	73.	73.094	100.	35.	371.314	19.269	45.2	59.	91.25	96.7
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	03/21/60-06/04/79	30	88.5	86.767	100.	51.	133.151	11.539	72.4	77.5	97.25	99.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	03/21/60-06/04/79	29	98.	93.897	100.	10.	274.81	16.577	90.	95.	100.	100.
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	03/31/60-06/04/79	18	100.	99.833	100.	99.	0.147	0.383	99.	100.	100.	100.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/20/62-09/16/70	6	3.5	3.2	5.3	0.8	4.124	2.031	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/15/51-03/30/89	84	605.	1842.262	18200.	20.	15244996.894	3904.484	104.	192.25	1190.	5380.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/15/51-08/23/79	51	9030.	17421.706	93900.	155.	477542696.132	21852.75	822.8	1530.	30800.	48700.

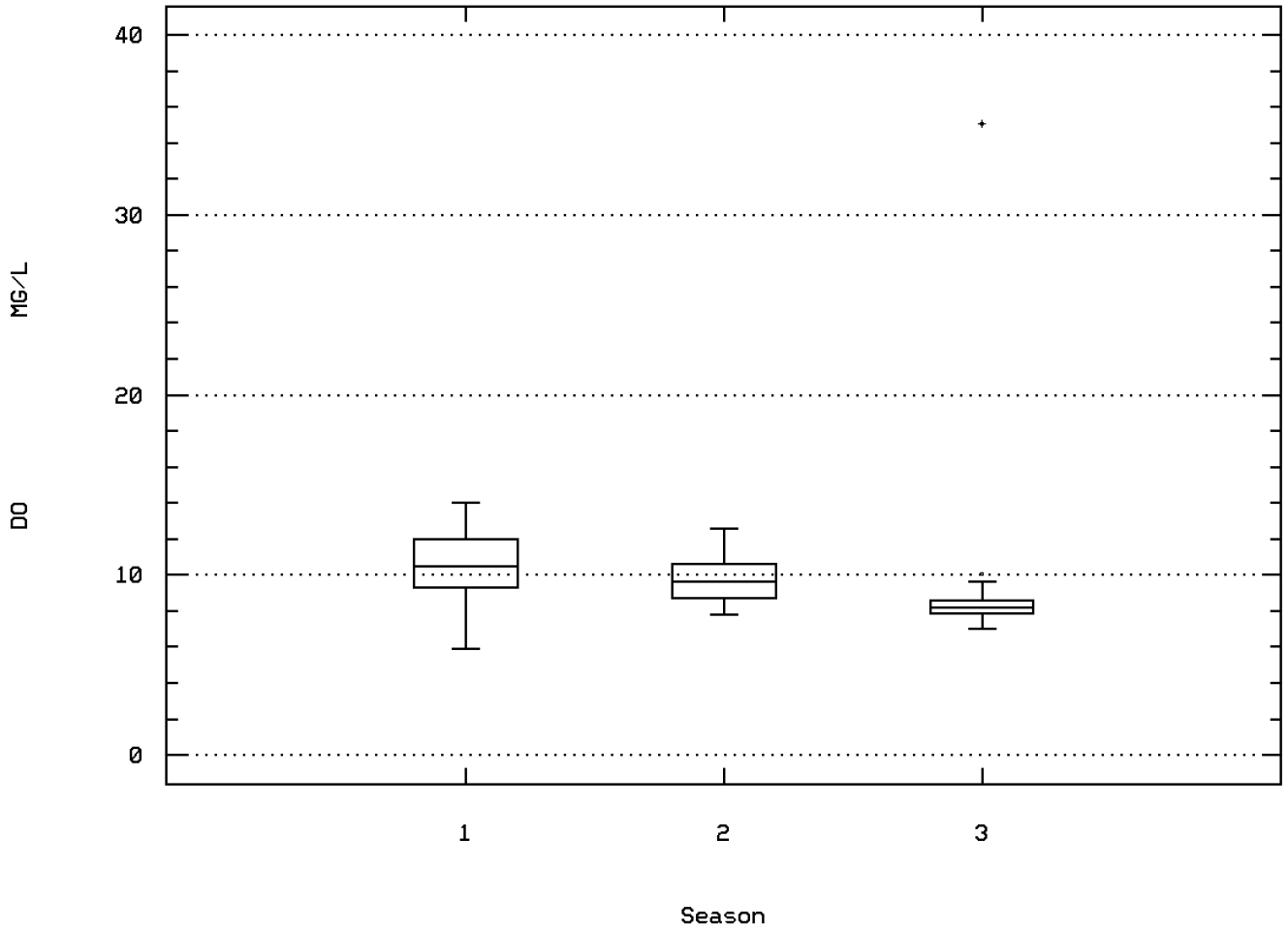
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00300

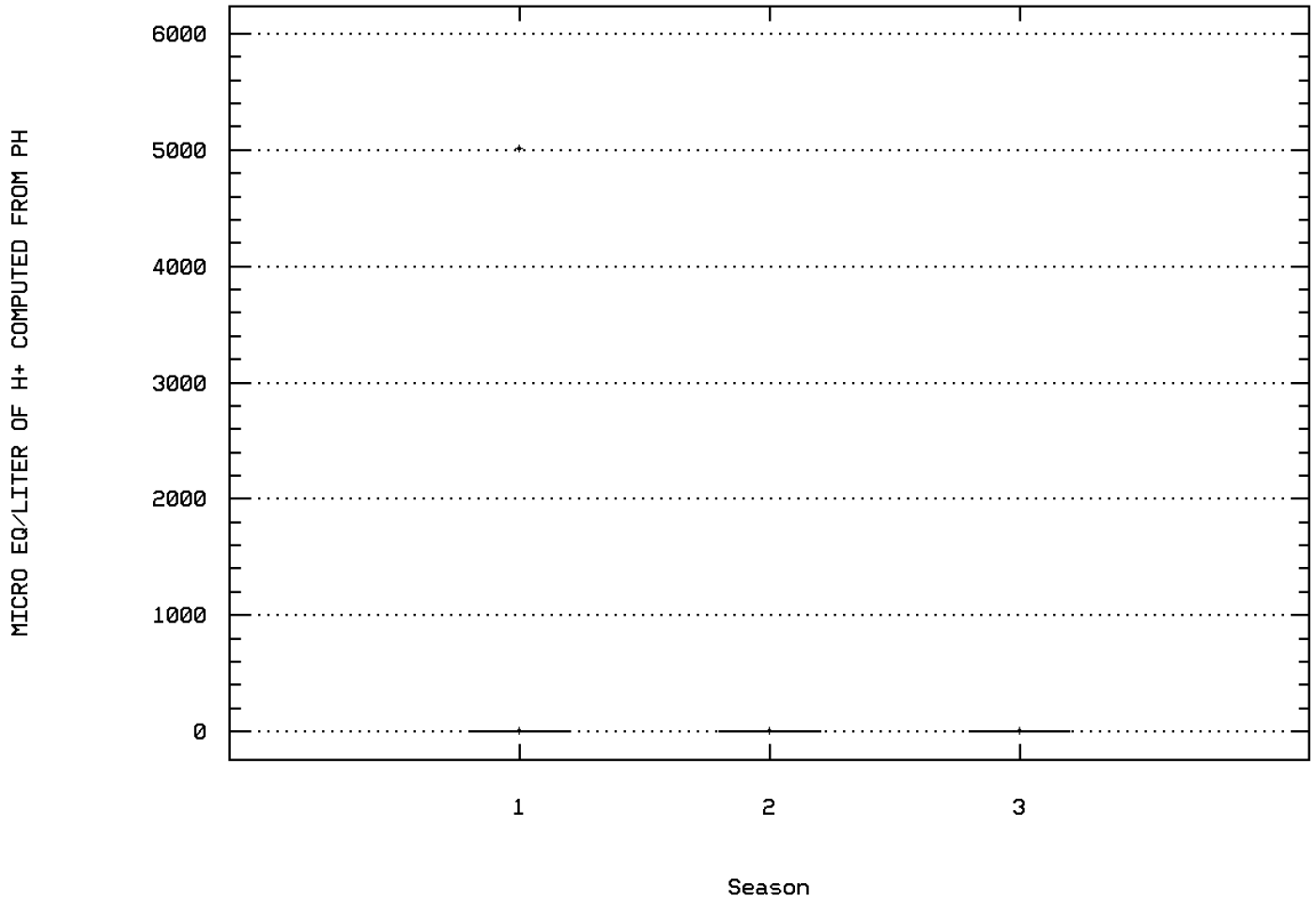
OXYGEN, DISSOLVED



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00400

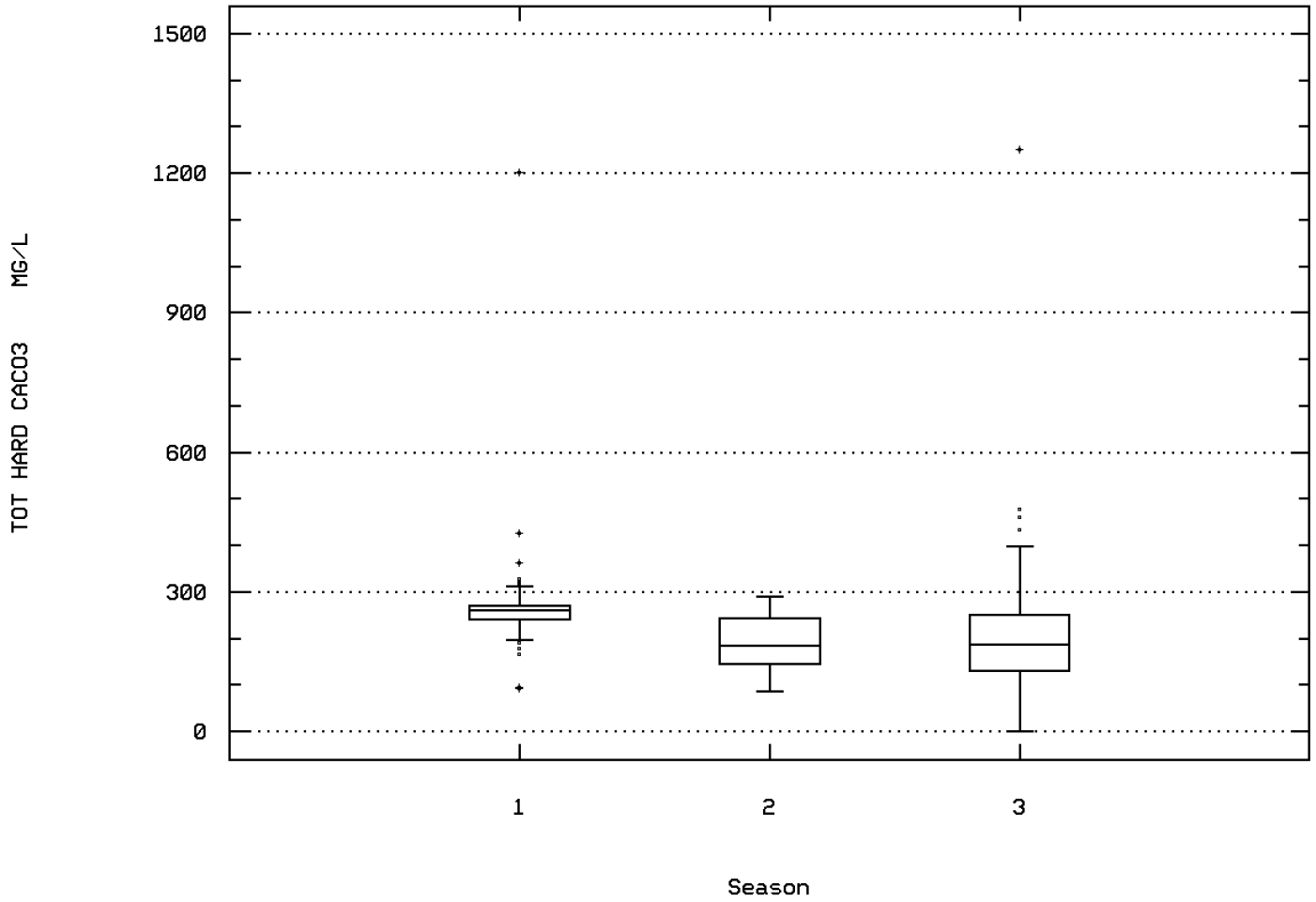
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00900

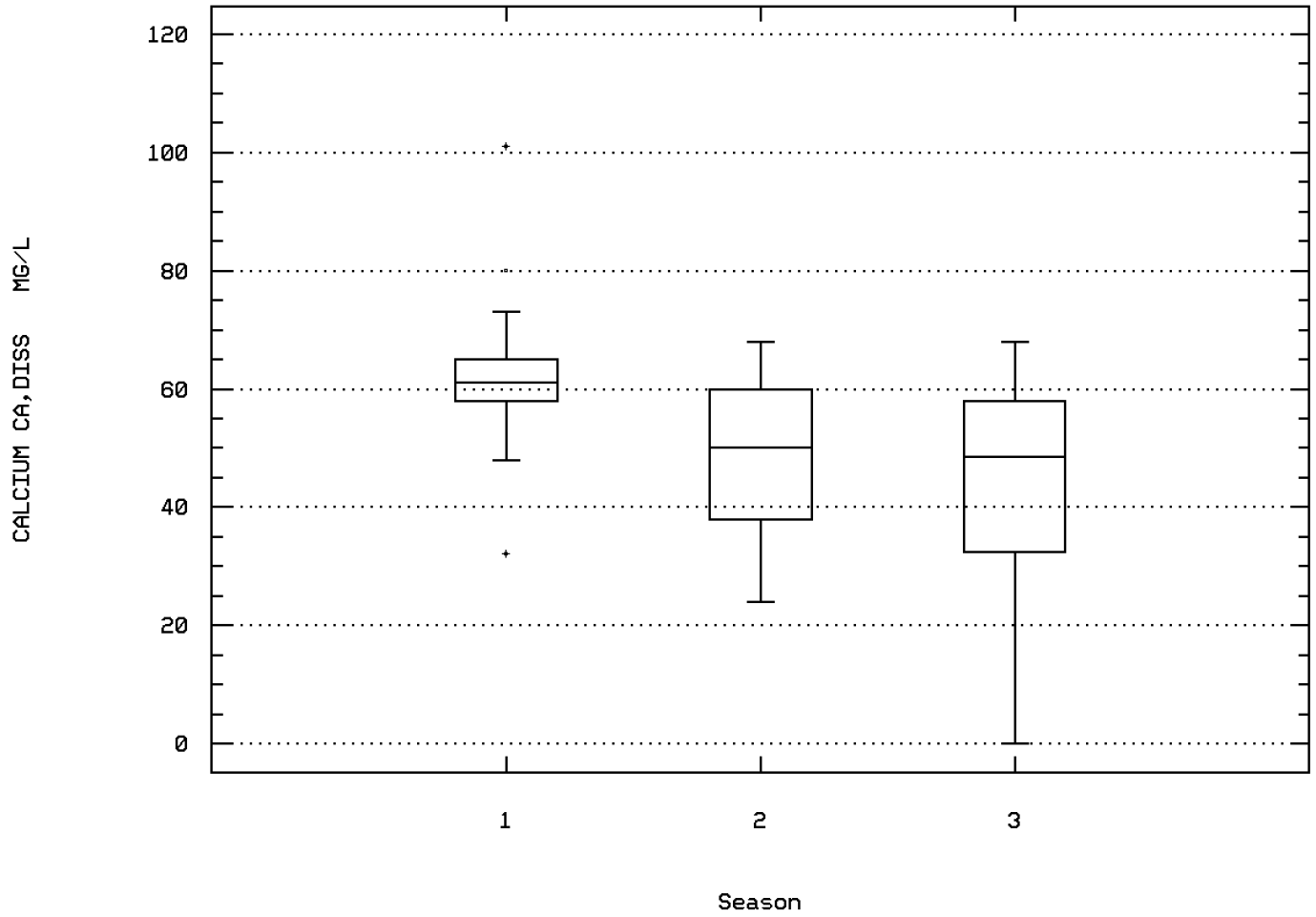
HARDNESS, TOTAL (MG/L AS CACO3)



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00915

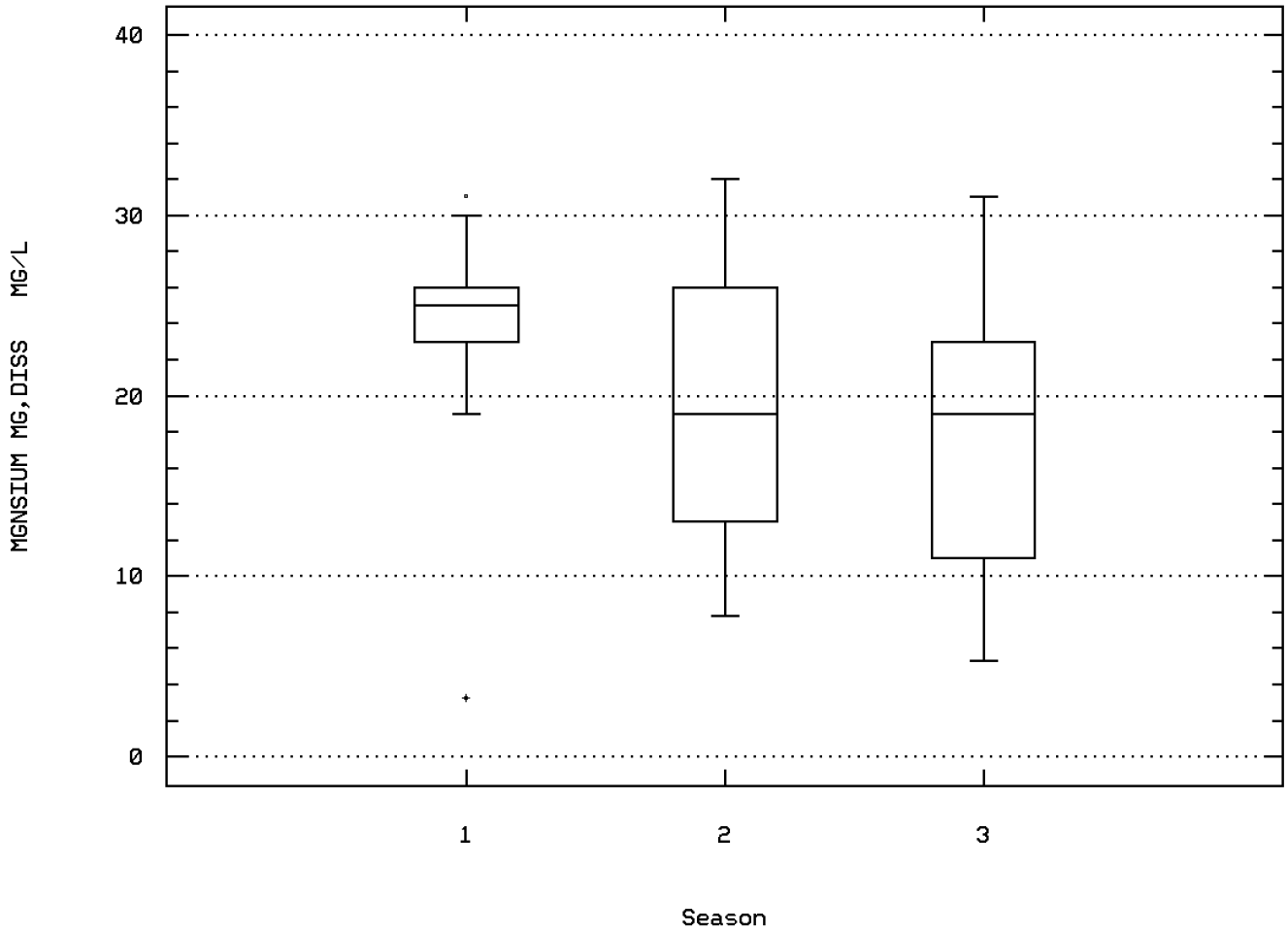
CALCIUM, DISSOLVED (MG/L AS CA)



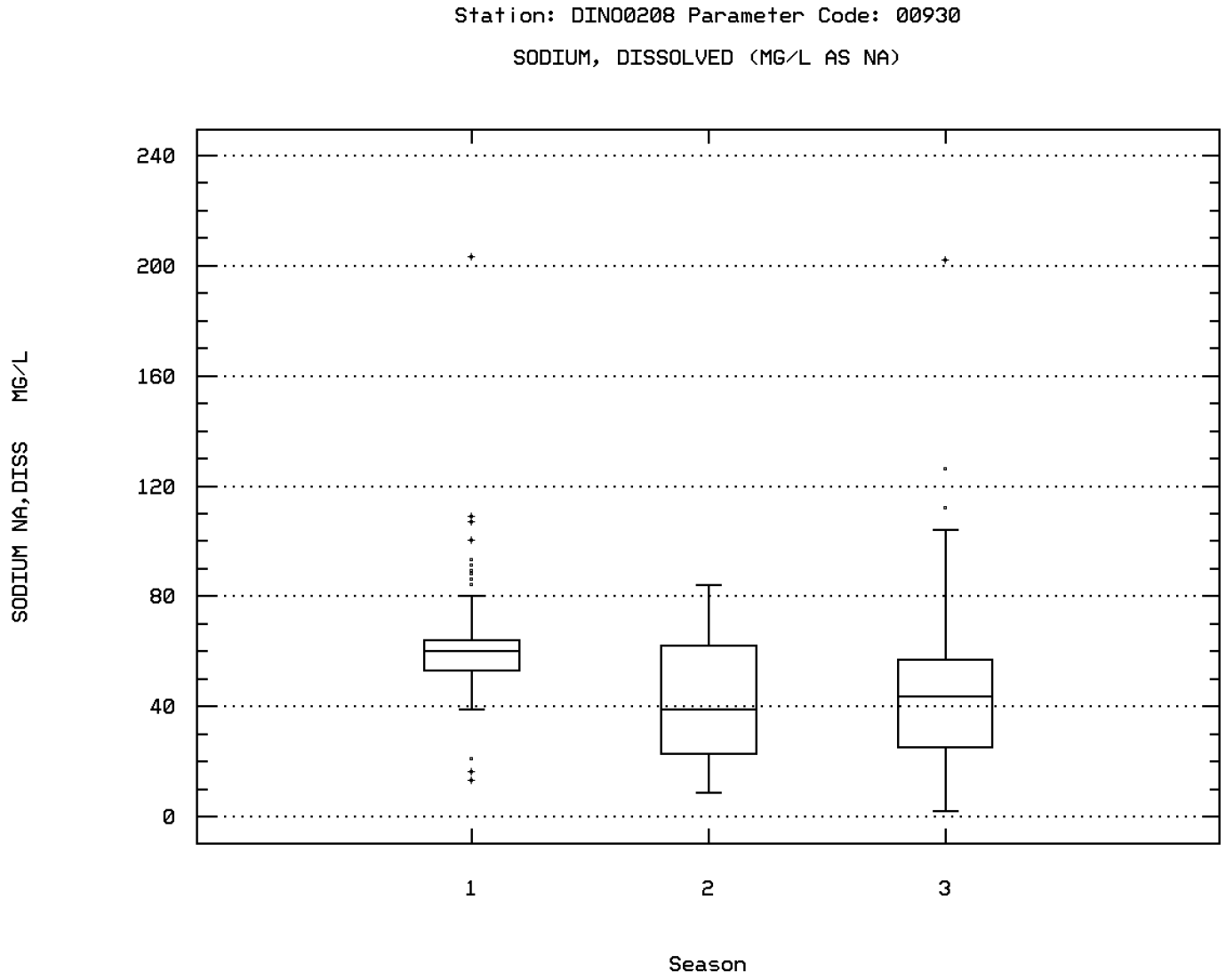
GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00925

MAGNESIUM, DISSOLVED (MG/L AS MG)



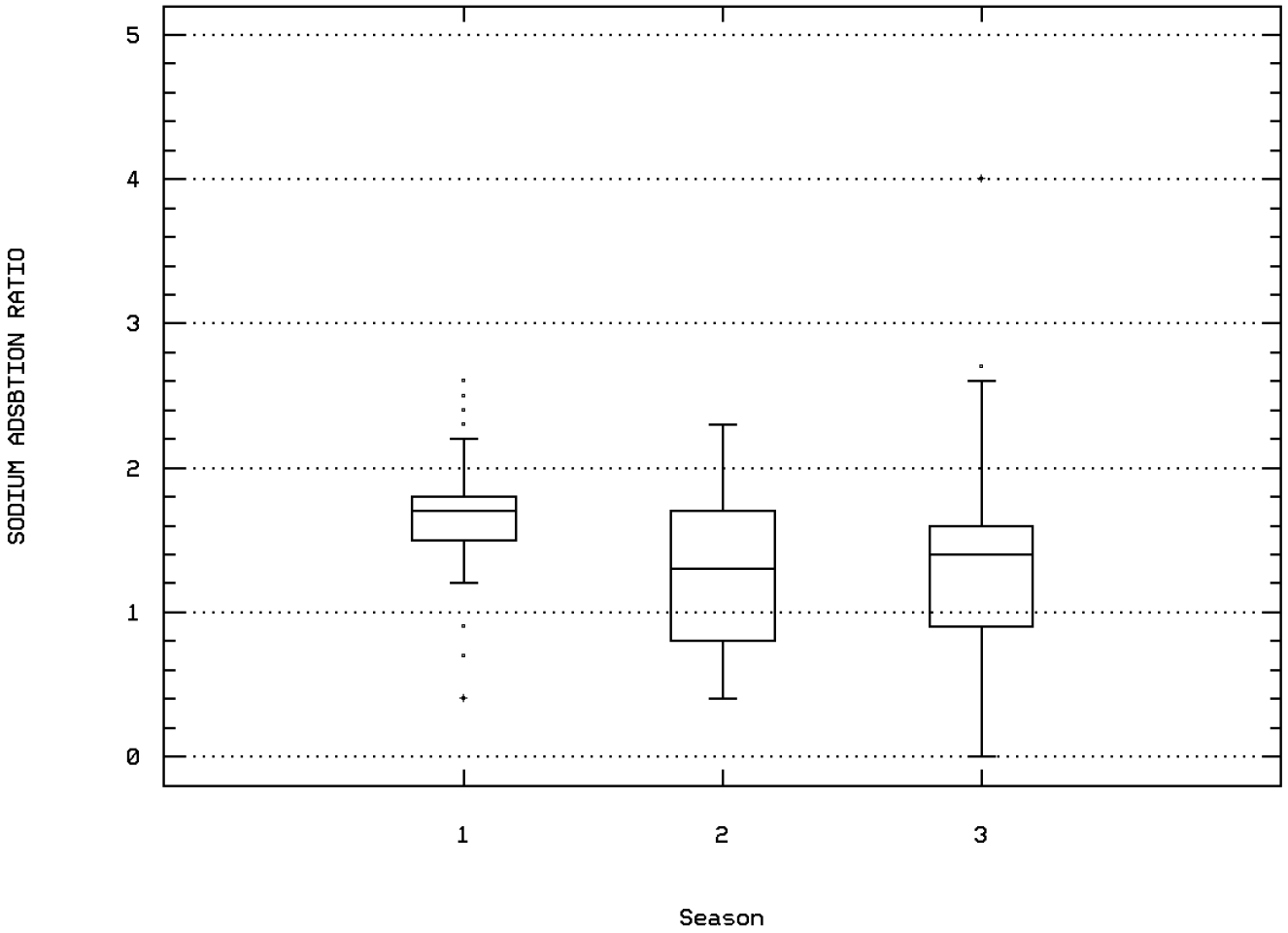
GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00931

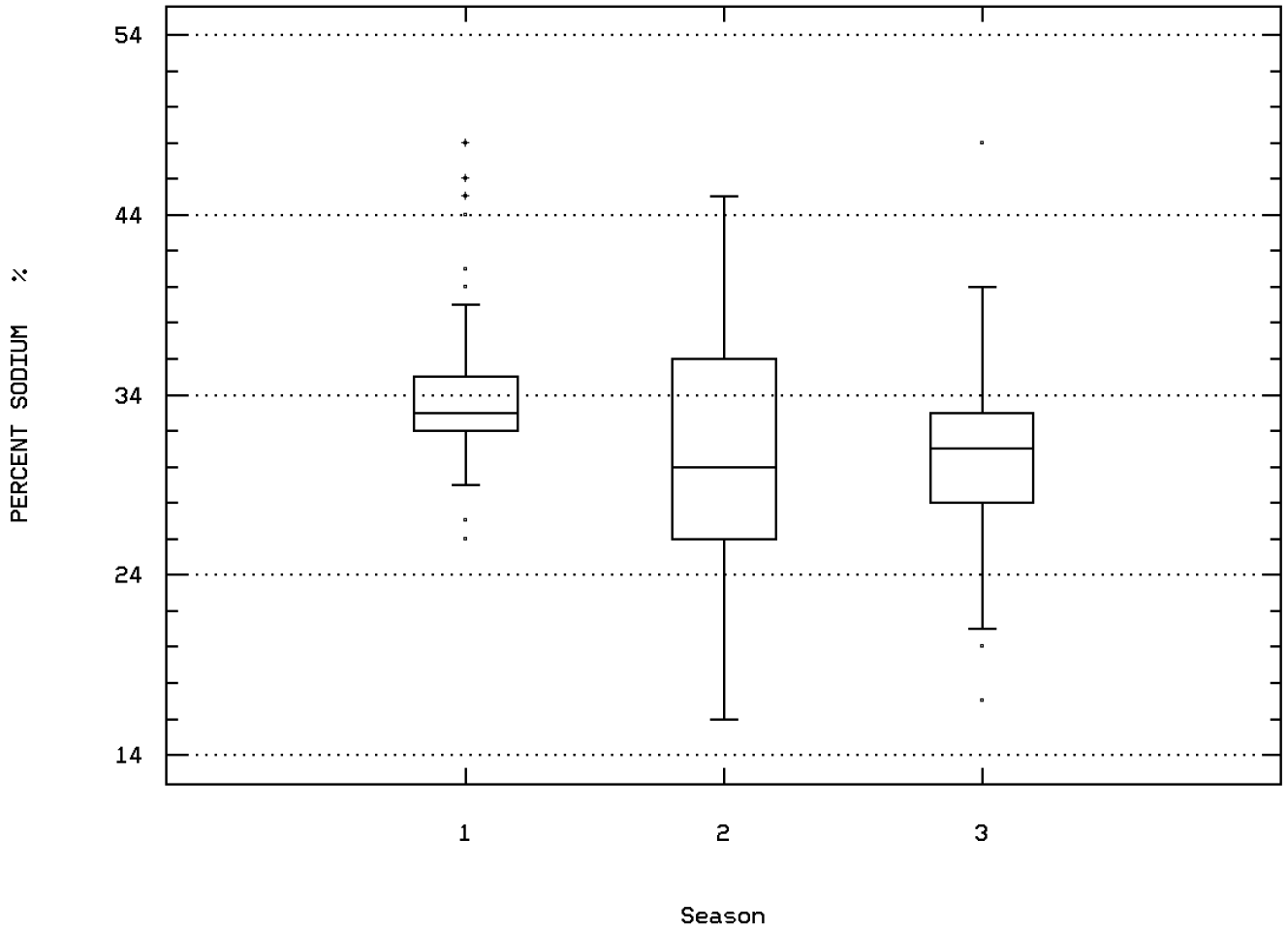
SODIUM ADSORPTION RATIO



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00932

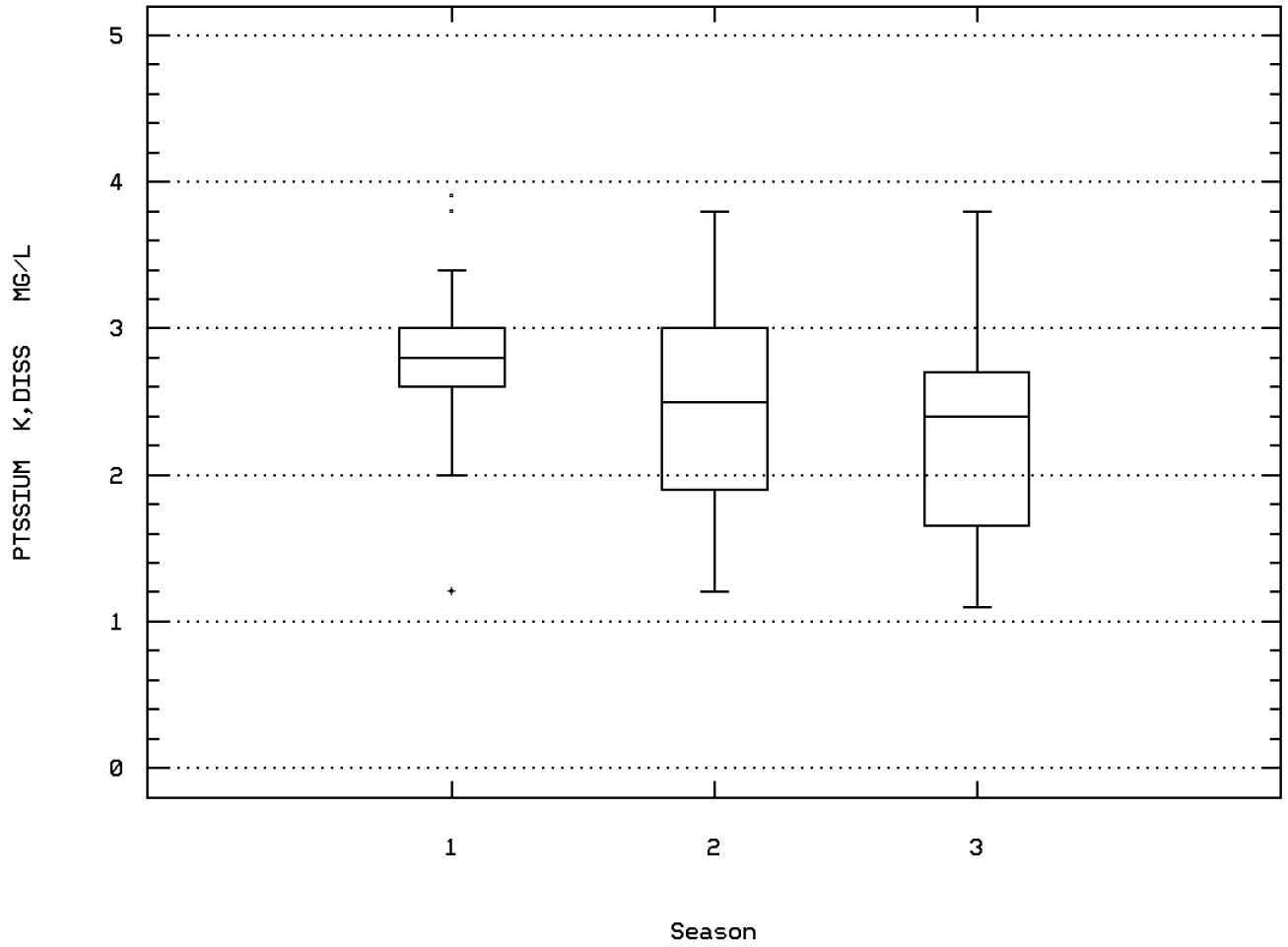
SODIUM, PERCENT



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00935

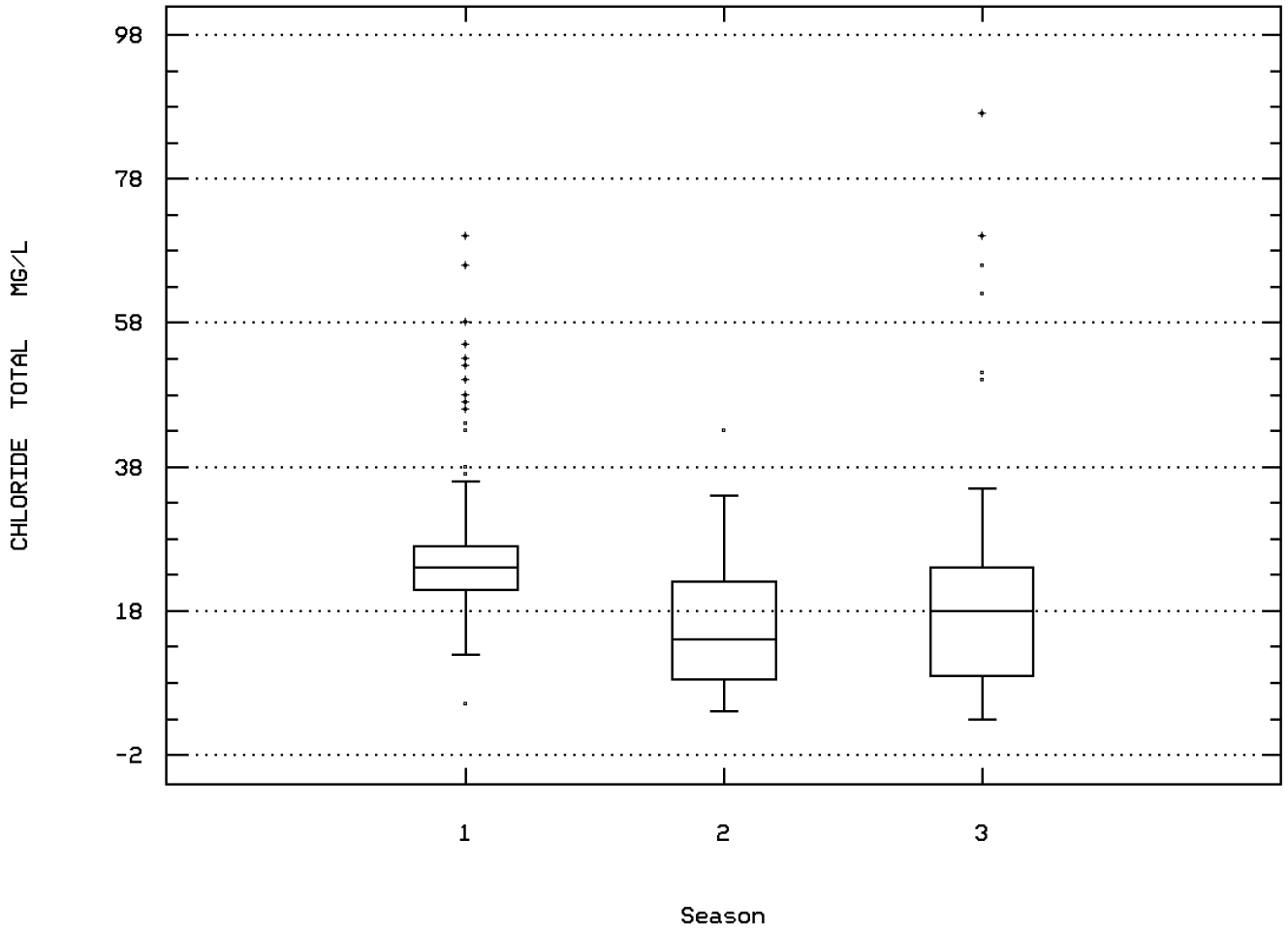
POTASSIUM, DISSOLVED (MG/L AS K)



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00940

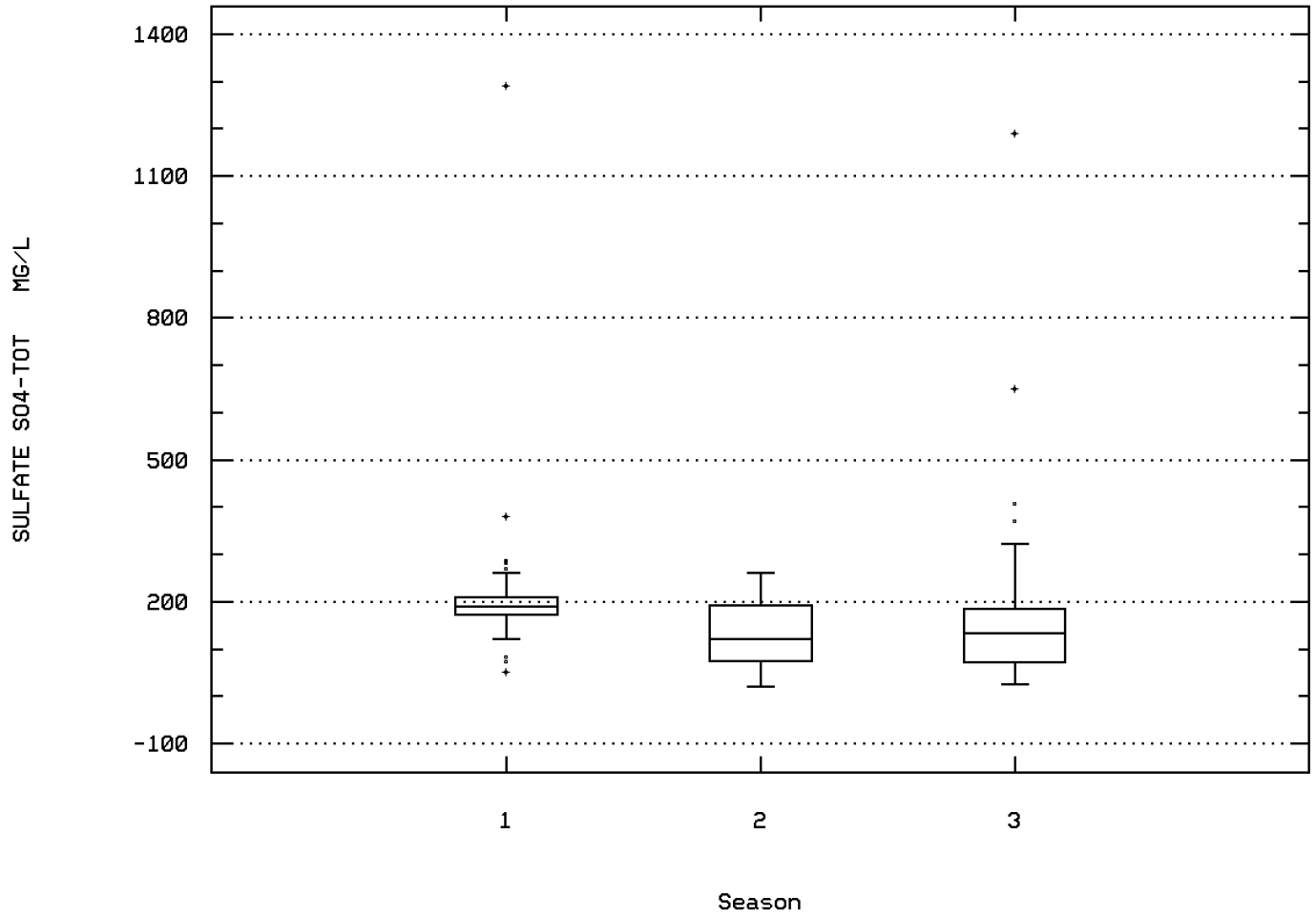
CHLORIDE,TOTAL IN WATER



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00945

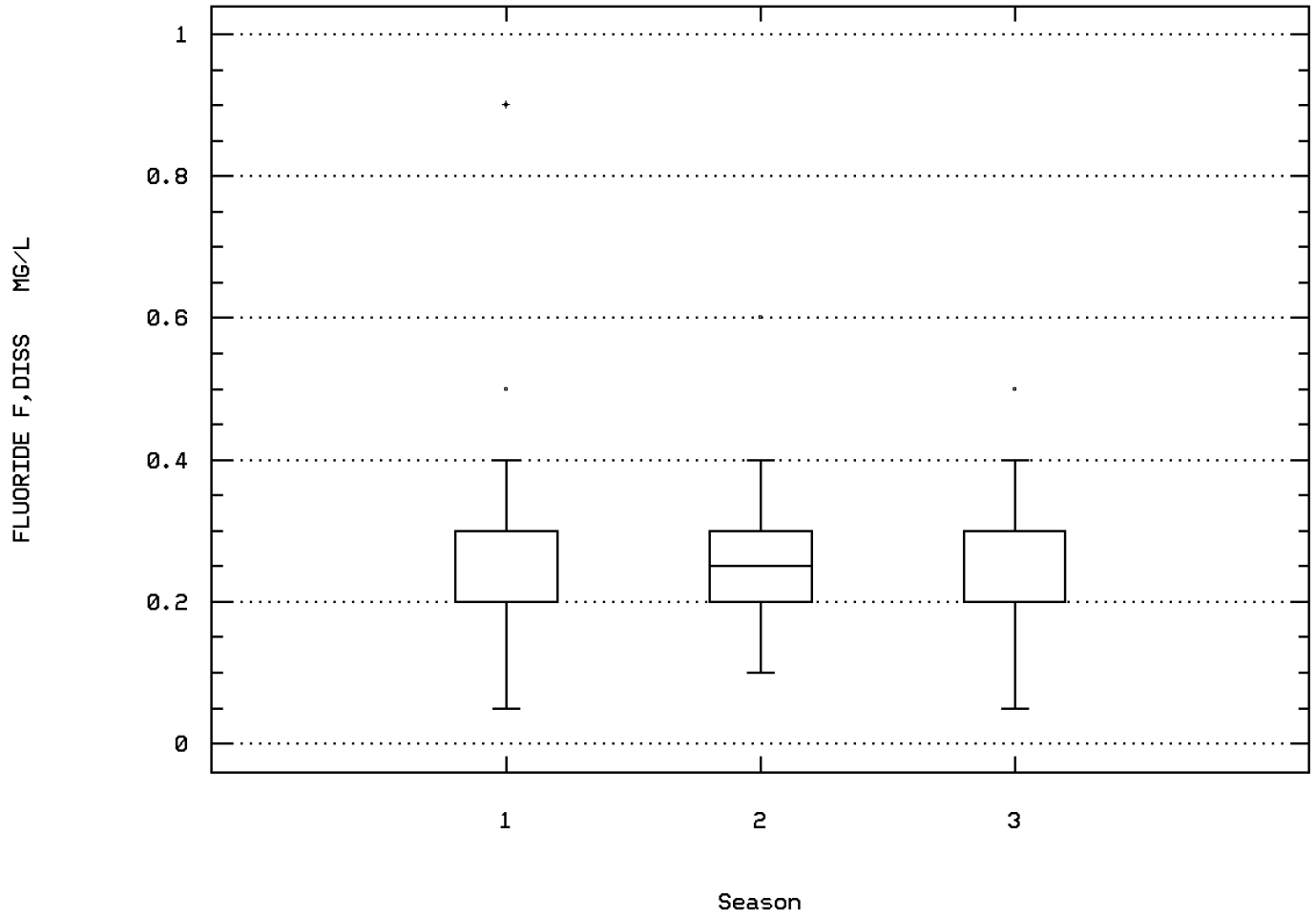
SULFATE, TOTAL (MG/L AS SO4)



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 00950

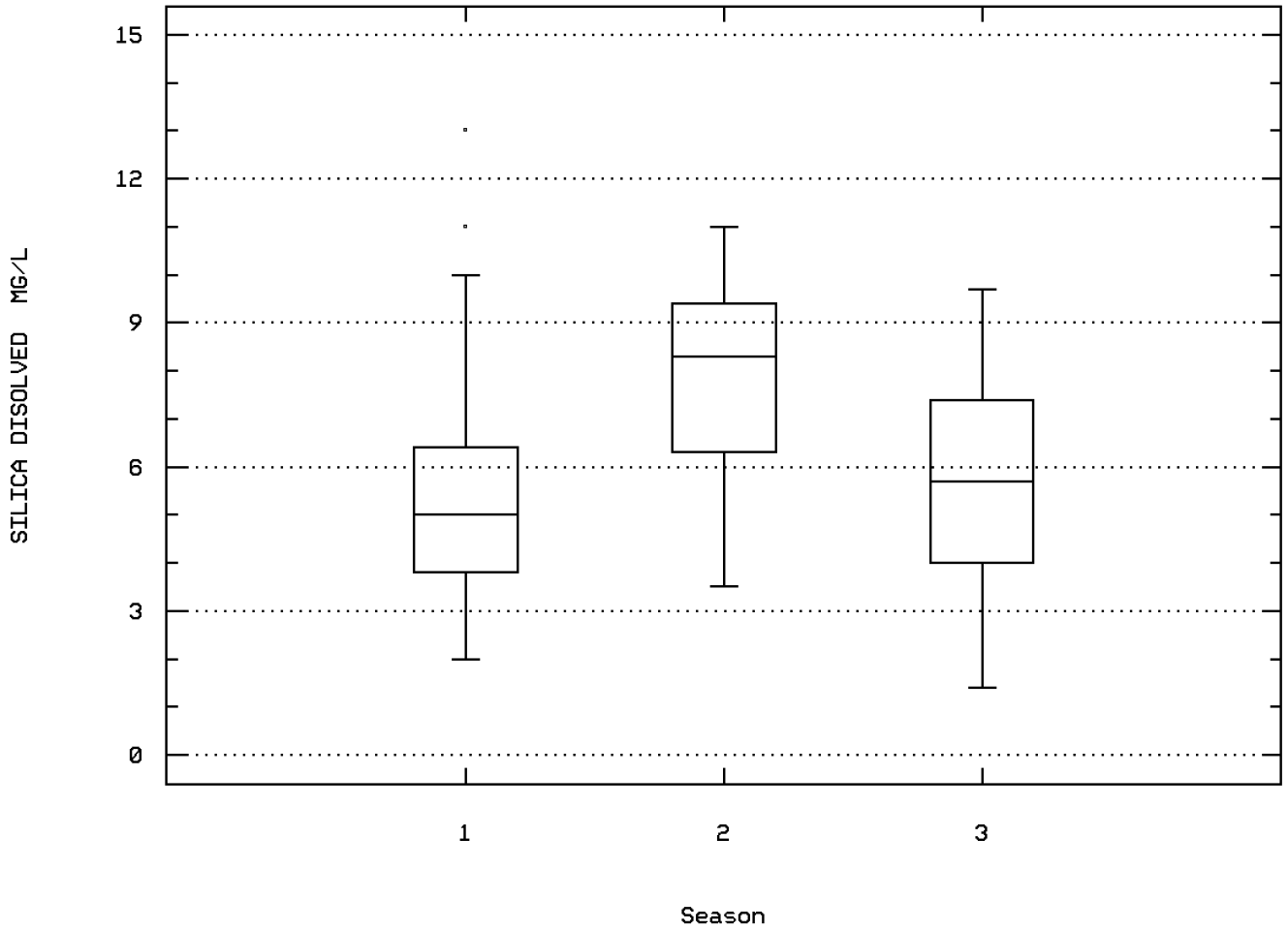
FLUORIDE, DISSOLVED (MG/L AS F)



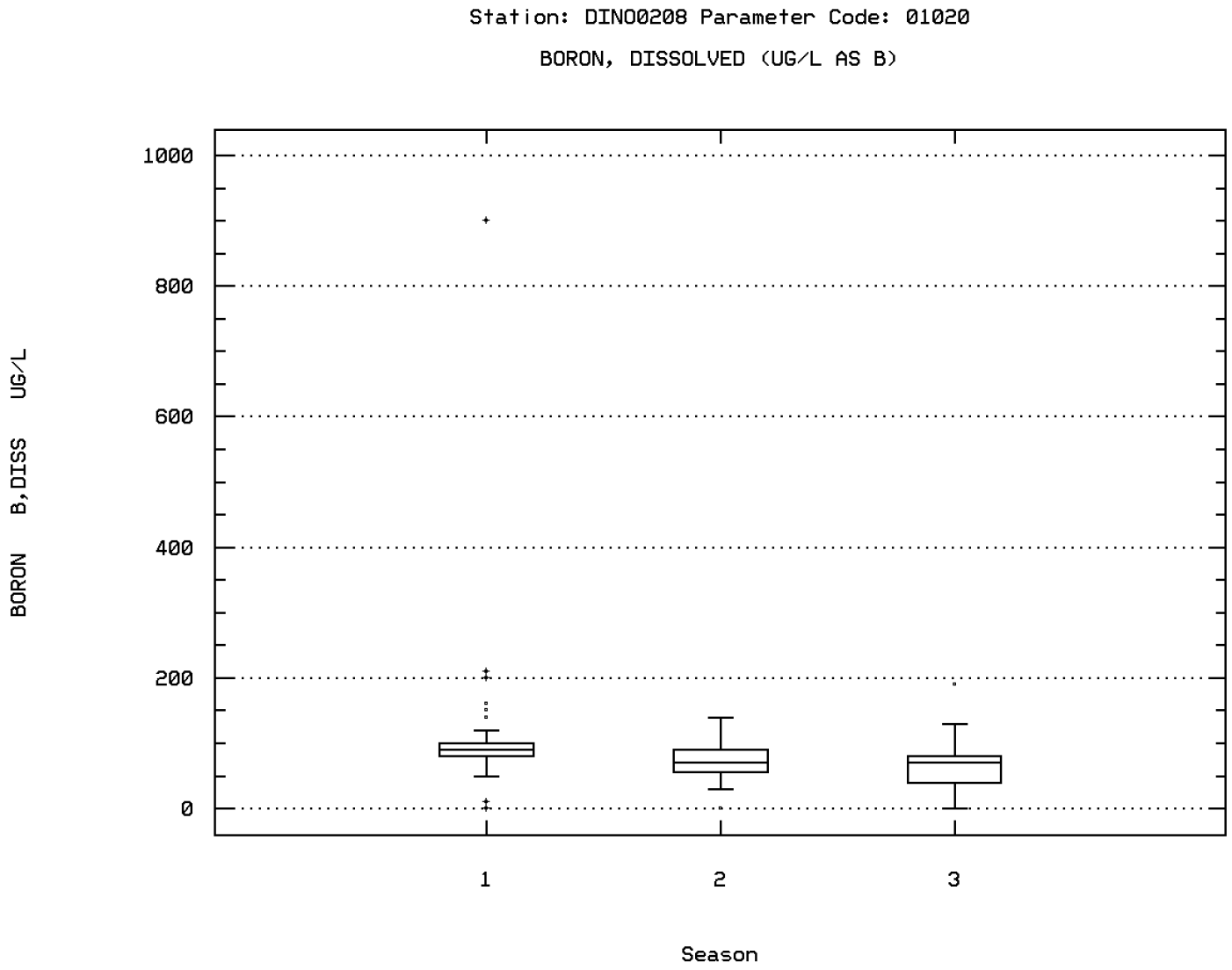
GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 00955

SILICA, DISSOLVED (MG/L AS SI02)



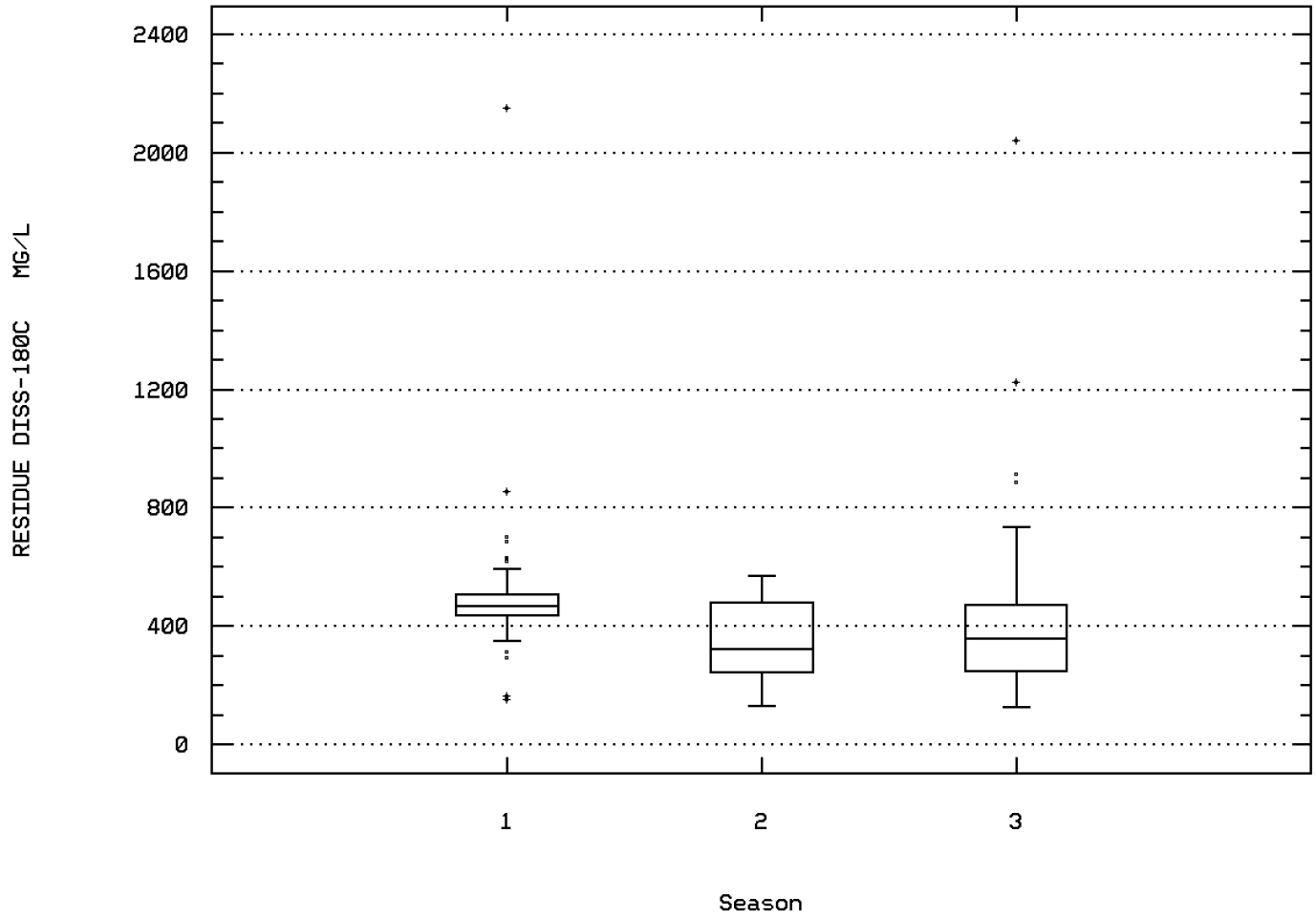
GREEN RIVER NEAR JENSEN, UTAH



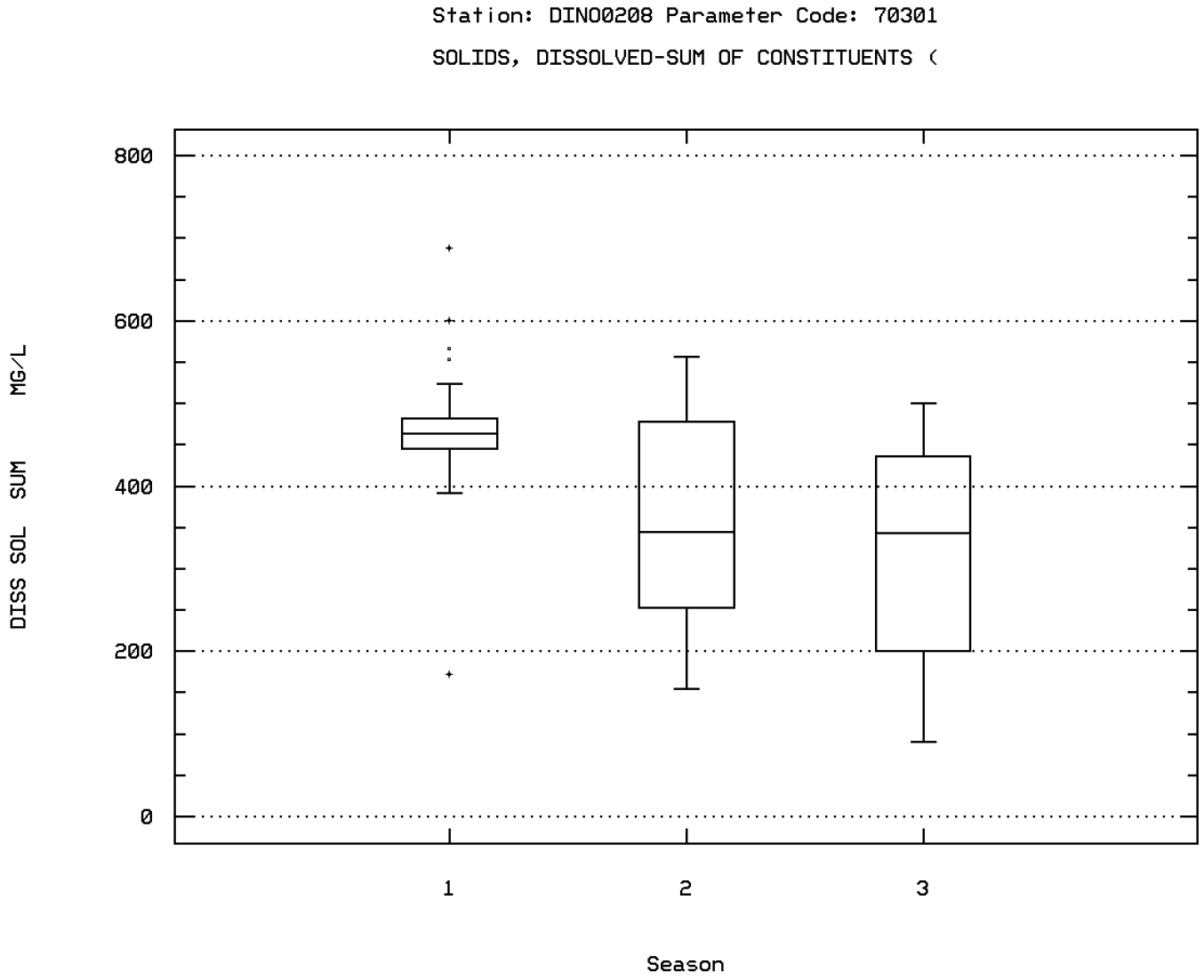
GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



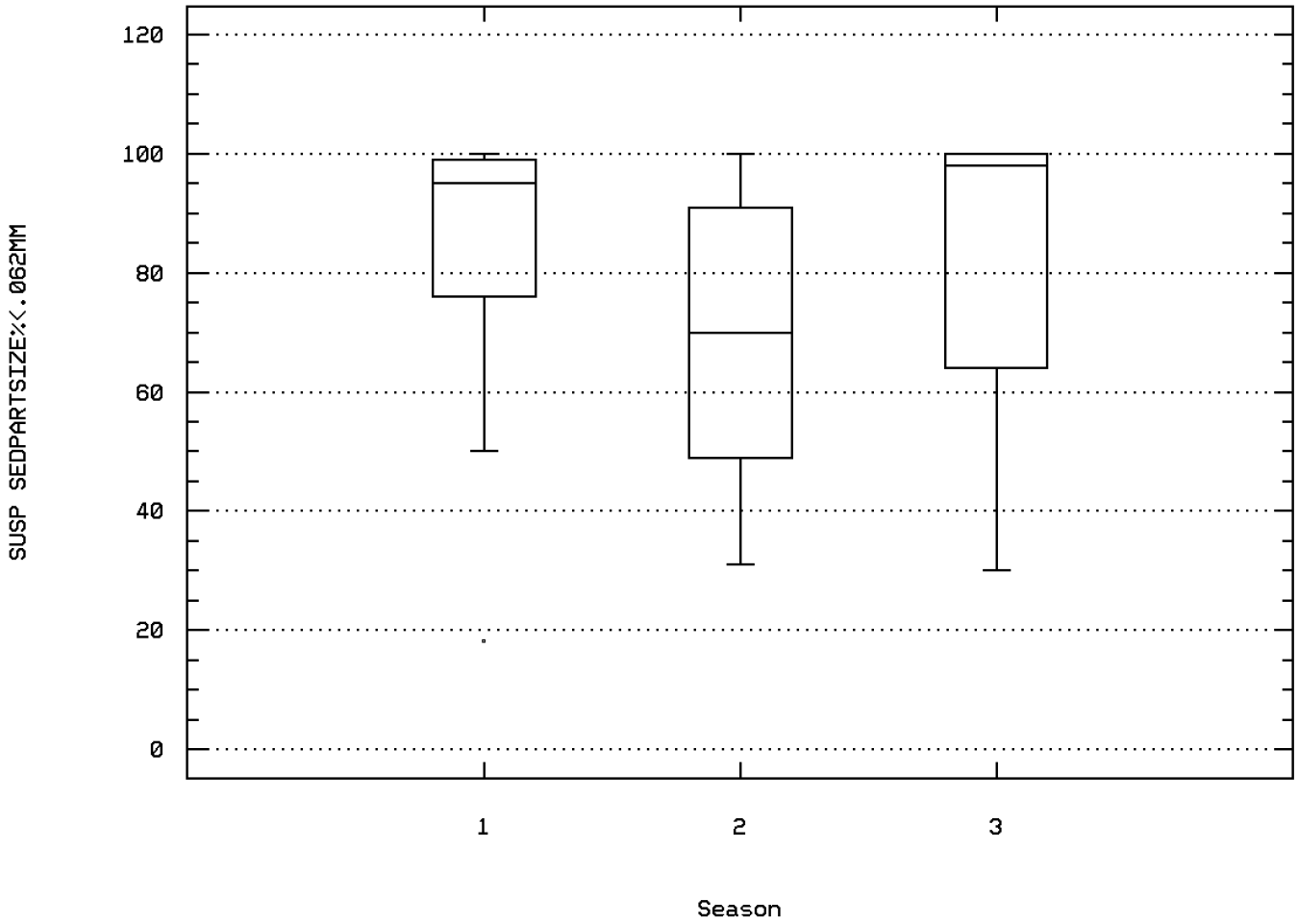
GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 70331

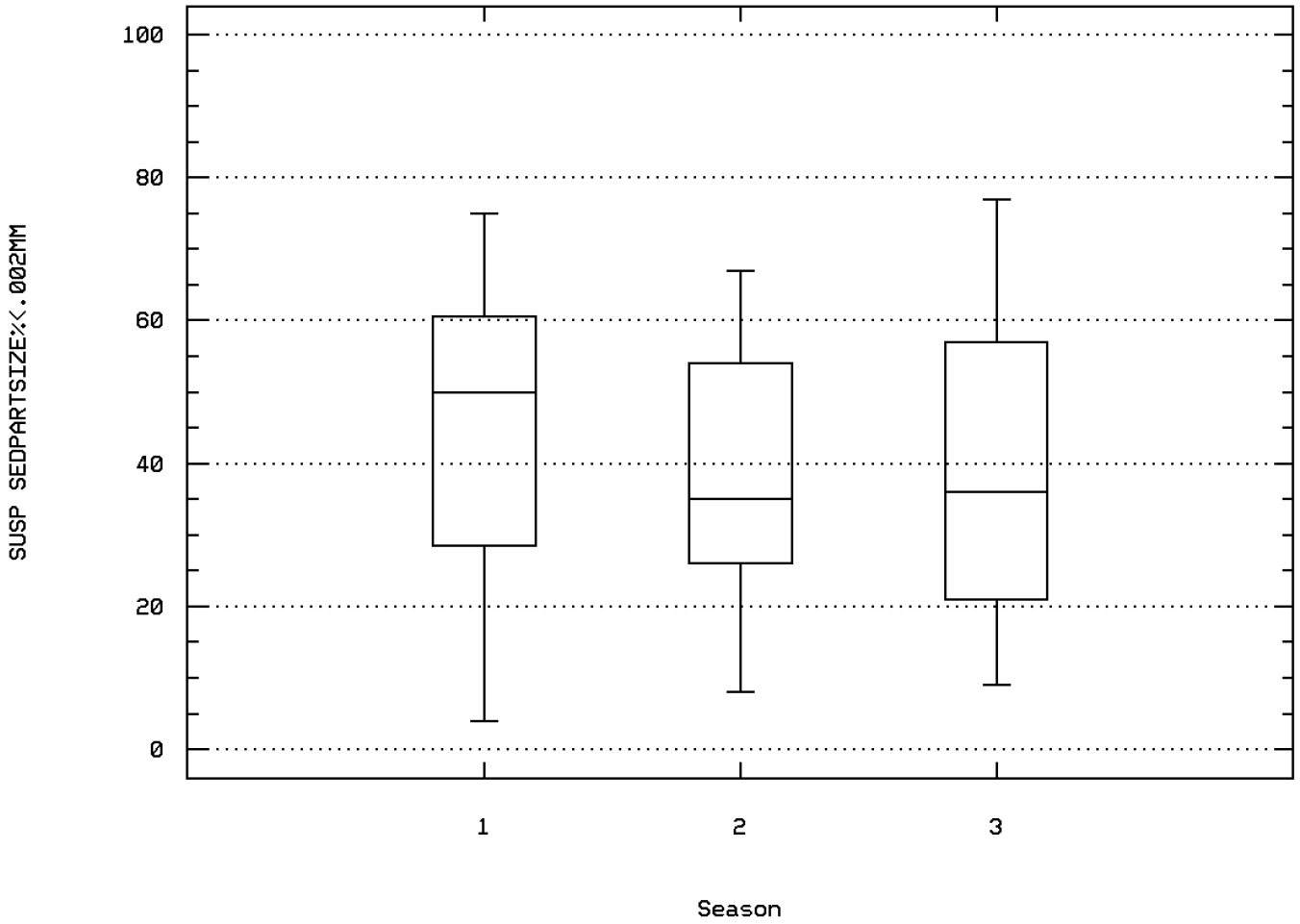
SUSPENDED SED SIEVE DIAMETER,% FINER TH



GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 70337

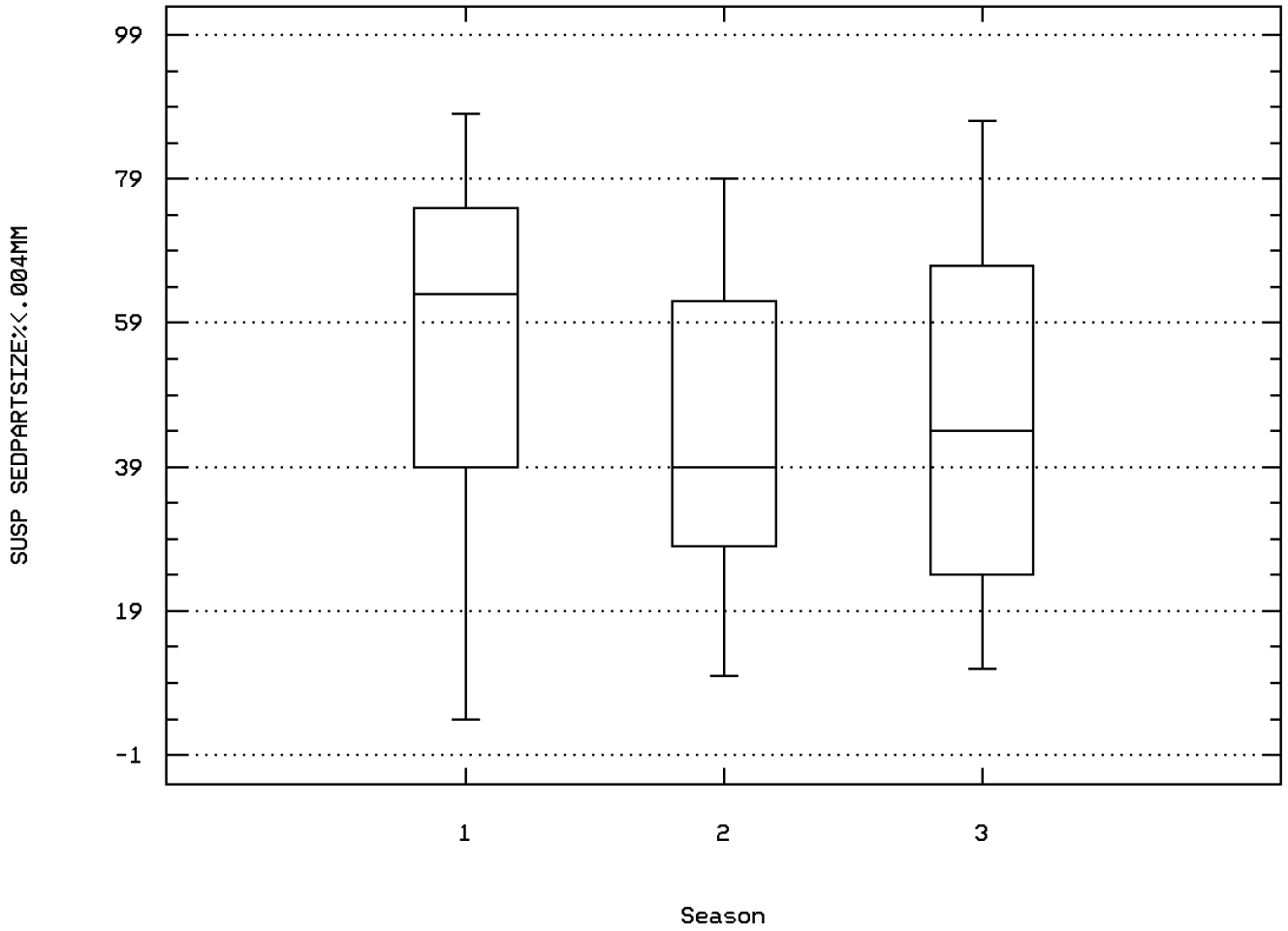
SUS SED FALL DIA(DISTLD WATER)%FINER TH



GREEN RIVER NEAR JENSEN, UTAH

Station: DINO0208 Parameter Code: 70338

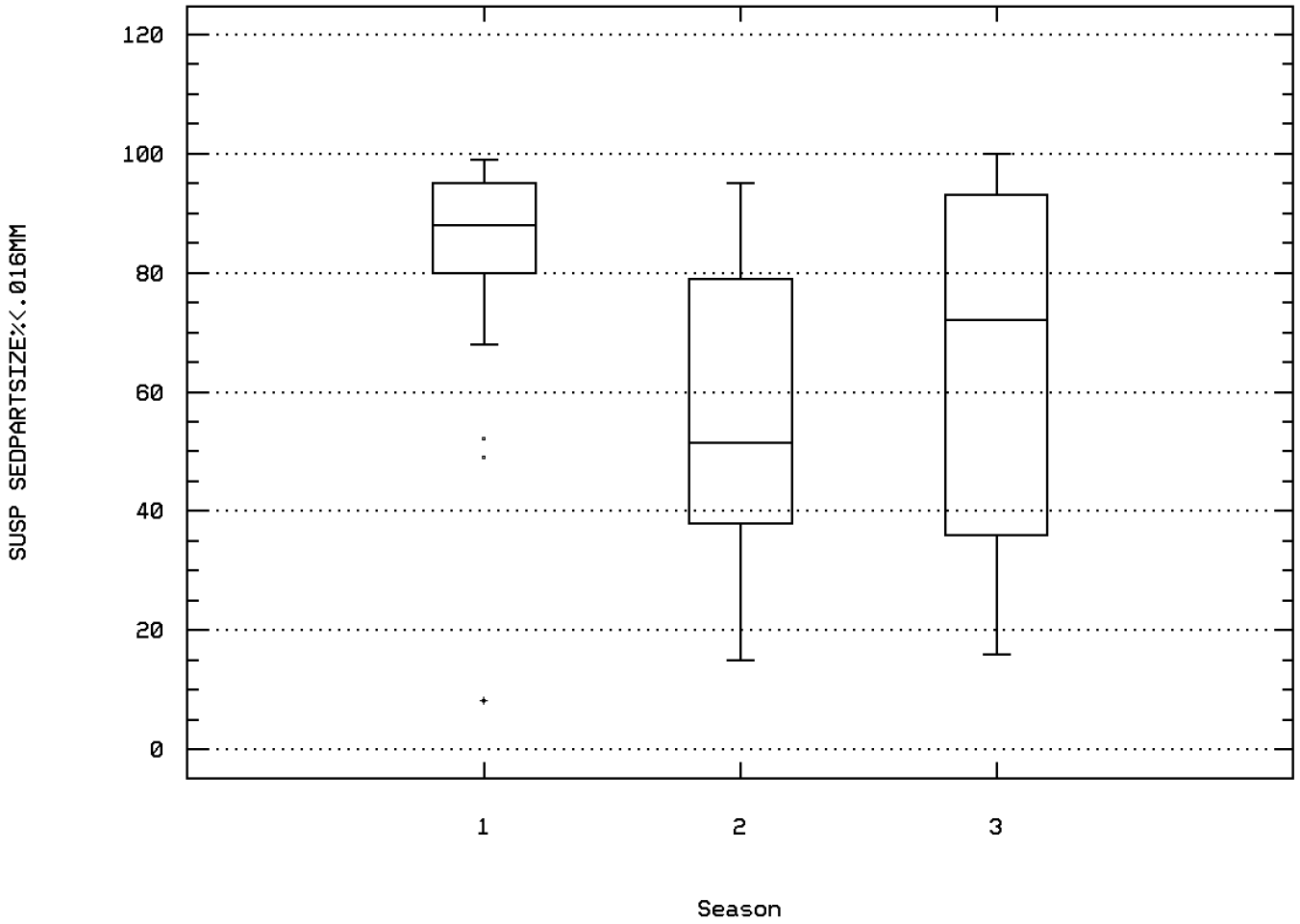
SUS SED FALL DIA(DISTLD WATER)%FINER TH



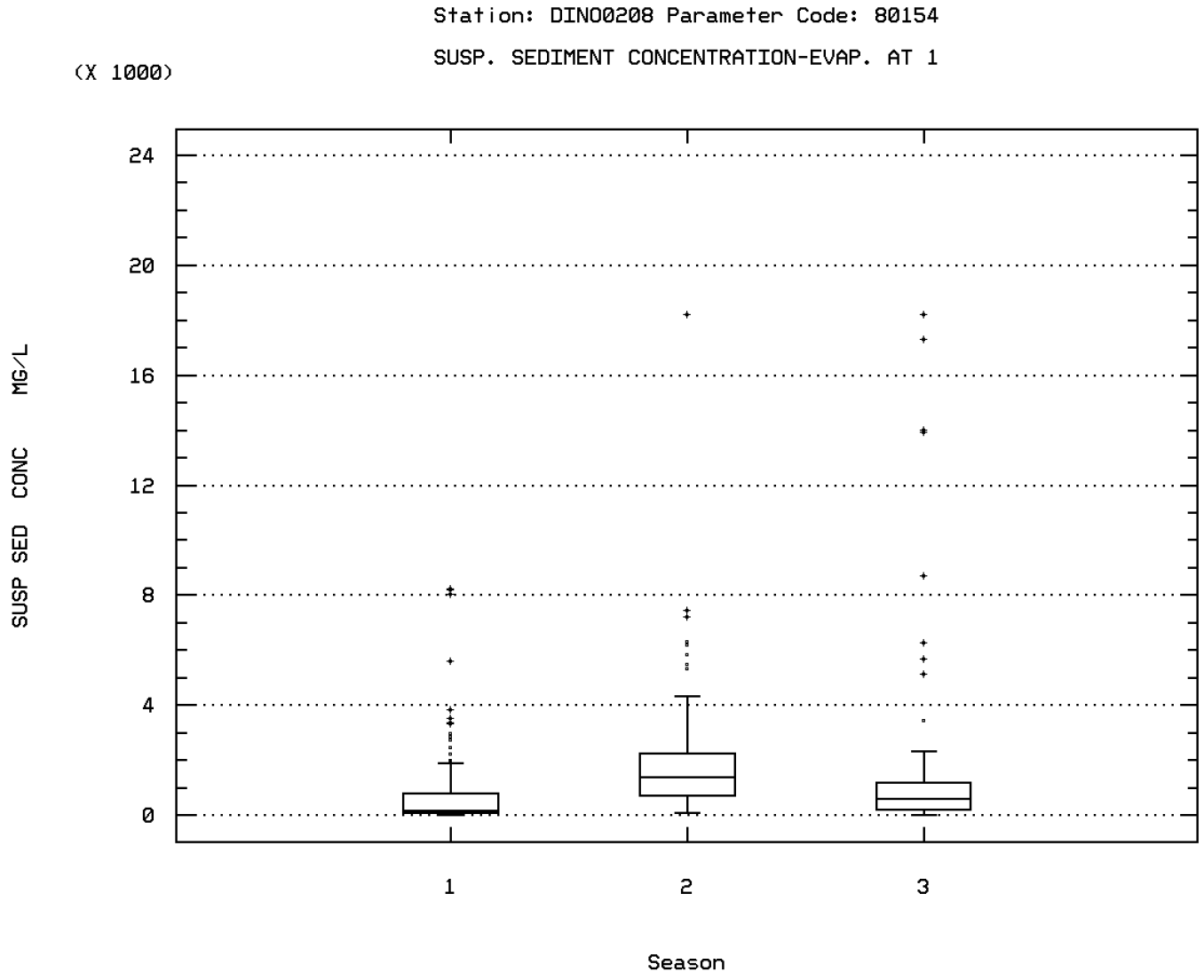
GREEN RIVER NEAR JENSEN, UTAH

Station: DIN00208 Parameter Code: 70340

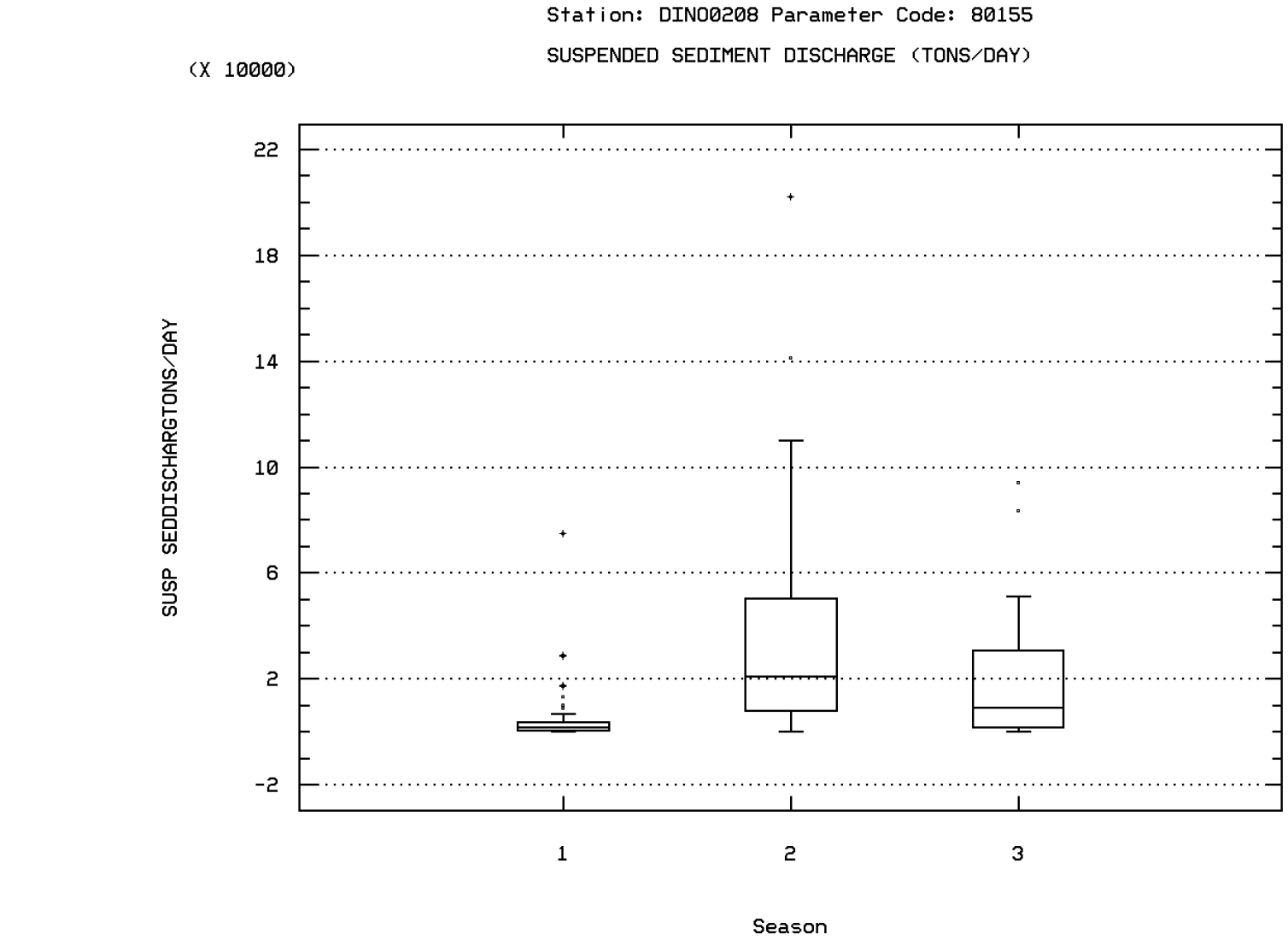
SUS SED FALL DIA(DISTLD WATER)%FINER TH



GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH



GREEN RIVER NEAR JENSEN, UTAH

Station Inventory for Station: DINO0209

NPS Station ID: DINO0209
LAT/LON: 40.409167/-109.234660
Agency: 21UTAH
Date Created: 01/16/79
Location: GREEN R AT DINOSAUR NATL MONUMENT U149 XING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493790
RMI-Indexes: 1101000 010670
Within Park Boundary: Yes
RMI-Miles: 0929.90 0314.30
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001014
RF1 Mile Point: 7.600
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14060001000801.43
RF3 Mile Point: 3.14
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	261	9.7	10.534	26.3	0.	48.805	6.986	1.5	4.5	16.7	20.24
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/11/90-07/31/91	7	23.	17.214	30.	0.	119.488	10.931	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	298	3230.	4708.091	31200.	1000.	18752564.137	4330.423	1550.	2007.5	5100.	10320.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	288	34.	166.131	7852.	0.8	264540.214	514.335	6.09	12.	150.	379.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	252	657.	610.048	2000.	120.	34697.273	186.272	329.8	505.5	716.	764.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	300	685.	630.473	1810.	195.	32696.337	180.821	349.1	537.	740.	776.8
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	128	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	251	9.1	9.196	13.6	4.2	3.048	1.746	7.	8.	10.4	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	119	1.	1.235	7.	0.5	0.978	0.989	0.5	0.5	1.	2.
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	199	14.	16.678	94.	4.	181.404	13.469	5.	7.5	21.	31.
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	225	8.3	8.236	8.8	6.6	0.085	0.291	7.9	8.1	8.4	8.594
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	225	8.3	8.078	8.8	6.6	0.11	0.332	7.9	8.1	8.4	8.594
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	225	0.005	0.008	0.251	0.002	0.	0.018	0.003	0.004	0.008	0.013
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	315	2.	2.781	75.	0.	52.293	7.231	1.	1.	2.	3.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	252	8.3	8.272	9.5	6.8	0.135	0.367	7.9	8.1	8.5	8.6
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	252	8.3	8.046	9.5	6.8	0.186	0.432	7.9	8.1	8.5	8.6
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	252	0.005	0.009	0.158	0.	0.	0.018	0.003	0.003	0.008	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	289	148.	138.349	352.	59.	932.096	30.53	91.	125.	156.	162.
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	291	178.	167.344	430.	68.	1392.082	37.311	110.	152.	190.	196.8
00445p	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	174	0.	0.948	6.	0.	2.616	1.617	0.	0.	2.	4.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	269	76.	325.694	4492.	0.	465195.672	682.053	9.	25.8	280.5	840.
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	12/08/82-06/06/89	3	3.3	6.7	14.3	2.5	43.48	6.594	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	280 ##	0.05	0.075	2.3	0.003	0.033	0.182	0.025	0.025	0.06	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/18/88-11/01/90	19 ##	0.005	0.007	0.05	0.005	0.	0.01	0.005	0.005	0.005	0.005
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	139 ##	0.025	0.022	0.15	0.005	0.	0.018	0.005	0.01	0.025	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/18/88-11/01/90	19	0.04	0.059	0.18	0.005	0.003	0.057	0.005	0.01	0.093	0.17
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	167	0.3	0.357	1.45	0.005	0.079	0.282	0.05	0.15	0.5	0.7
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	226	0.4	0.652	6.3	0.05	0.533	0.73	0.2	0.3	0.7	1.3
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	153	0.2	0.236	1.782	0.005	0.062	0.249	0.025	0.074	0.3	0.5
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/23/91-06/30/99	55	0.1	0.146	0.817	0.005	0.026	0.162	0.01	0.035	0.21	0.342
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	275	0.07	0.215	8.	0.005	0.304	0.551	0.02	0.033	0.249	0.504
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/01/90-06/30/99	52	0.01	0.017	0.163	0.003	0.001	0.023	0.005	0.005	0.02	0.033
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/18/88-06/26/90	19	0.008	0.016	0.12	0.003	0.001	0.027	0.003	0.003	0.016	0.034
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	173	5.	7.151	51.	0.5	39.831	6.311	2.9	3.5	8.35	14.44
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	290	241.	224.619	923.6	78.	5008.857	70.773	120.1	190.525	260.2	272.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	289	58.	54.36	230.	21.	276.057	16.615	32.	46.8	62.	66.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	290	23.	21.638	85.	2.	54.484	7.381	11.	17.85	26.	27.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	290	57.	51.29	98.	11.	291.172	17.064	22.	41.15	62.	68.

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

Parameter Inventory for Station: DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	291	3.	2.681	7.	0.5	0.677	0.823	2.	2.	3.	3.2
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	290	21.	18.734	52.	0.8	57.846	7.606	6.03	14.	23.625	26.9
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	291	181.	166.117	740.	35.	4203.818	64.837	71.2	131.	200.	217.72
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	120	0.25	0.246	0.44	0.1	0.005	0.068	0.141	0.21	0.28	0.329
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	120	5.5	6.492	24.	3.	9.647	3.106	4.	5.	8.	10.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/24/76-12/15/99	54 ##	2.5	2.281	4.	0.5	0.314	0.561	1.3	2.375	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/26/92-12/15/99	39	65.	63.203	74.	39.	69.6	8.343	50.9	59.	69.	72.
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	117	125.	133.231	430.	36.	2245.196	47.384	100.	110.	150.	179.2
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/24/76-12/15/99	42 ##	0.5	0.798	8.	0.5	1.635	1.279	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/77-12/15/99	42 ##	2.5	4.036	57.	1.	71.846	8.476	2.5	2.5	2.5	2.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	100 ##	2.5	2.82	14.	1.	2.801	1.674	2.5	2.5	2.5	2.5
01040	COPPER, DISSOLVED (UG/L AS CU)	02/24/76-12/15/99	48 ##	6.	8.646	40.	3.	30.063	5.483	5.	6.	10.	15.
01046	IRON, DISSOLVED (UG/L AS FE)	05/18/76-12/15/99	47	15.	35.406	218.	10.	1584.66	39.808	10.	10.	46.2	94.44
01049	LEAD, DISSOLVED (UG/L AS PB)	02/24/76-12/15/99	41 ##	1.5	2.061	20.	1.	8.365	2.892	1.5	1.5	1.5	2.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/92-12/15/99	39 ##	2.5	6.367	31.	2.5	42.309	6.505	2.5	2.5	7.1	14.6
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/26/92-12/15/99	39 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/25/77-12/15/99	45 ##	15.	15.911	100.	5.	178.265	13.352	10.	10.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/16/94-12/15/99	24 ##	15.	35.125	82.	15.	659.766	25.686	15.	15.	66.	76.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/18/76-12/15/99	47 ##	0.5	0.998	2.8	0.1	0.707	0.841	0.38	0.5	1.1	2.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	198 ##	0.5	0.537	2.5	0.25	0.298	0.546	0.25	0.25	0.5	0.505
01501	ALPHA, TOTAL	05/03/77-05/15/90	8	1.5	2.313	6.	0.5	3.638	1.907	**	**	**	**
03501	BETA, TOTAL	05/18/76-05/15/90	29	5.	7.	22.	2.	23.357	4.833	2.	4.	9.	15.
04257	ALDICARB SULFONE, TOTAL, WATER UG/L	10/01/91-10/01/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
04258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	10/01/91-10/01/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
04260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	10/01/91-10/01/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/10/80-08/13/86	19	32.	71.526	500.	5.	12849.374	113.355	5.	14.	81.	159.
09501	RADIUM 226, TOTAL	05/03/77-04/25/89	15 ##	2.	143.783	652.	0.25	35000.347	187.084	0.25	0.25	250.	410.8
11501	RADIUM 228, TOTAL	04/10/80-08/13/86	12 ##	0.5	1.	5.	0.5	1.636	1.279	0.5	0.5	1.	3.8
13501	STRONTIUM 90, TOTAL	03/18/81-03/18/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
30190	DICHLORPROP, WATER, WHOLE, RECOVERABLE UG/L	06/12/91-10/01/91	2 ##	2.125	2.125	3.5	0.75	3.781	1.945	**	**	**	**
30192	MCPA, WATER, WHOLE, RECOVERABLE UG/L	06/12/91-10/01/91	2 ##	175.	175.	350.	0.	61250.	247.487	**	**	**	**
30218	DICHLORVOS, WATER, WHOLE, RECOVERABLE UG/L	10/01/91-10/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	121	300.	1111.545	11600.	0.	4130503.833	2032.364	23.	93.	965.	3080.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	121	2.477	2.484	4.064	0.	0.607	0.779	1.362	1.968	2.984	3.487
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			304.918								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	99	40.	298.167	7500.	0.	895043.265	946.067	4.	11.5	150.	600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	99	1.602	1.624	3.875	0.	0.713	0.844	0.602	1.061	2.176	2.778
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			42.039								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/03/81-08/25/88	41	120.	385.098	6000.	0.	917281.49	957.748	4.4	20.	400.	760.
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/03/81-08/25/88	41	2.079	1.942	3.778	0.	0.779	0.882	0.637	1.301	2.602	2.878
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			87.591								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/14/85-08/14/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/14/85-08/14/85	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	08/14/85-08/14/85	1 ##	2.675	2.675	2.675	2.675	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/14/85-08/14/85	1	0.94	0.94	0.94	0.94	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	08/14/85-08/14/85	1 ##	0.225	0.225	0.225	0.225	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/24/95-05/24/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/09/87-10/01/91	6 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/09/87-10/01/91	6 ##	0.002	0.008	0.02	0.002	0.	0.009	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/09/87-10/01/91	6 ##	0.007	0.011	0.02	0.007	0.	0.007	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/09/87-10/01/91	6 ##	0.012	0.014	0.02	0.012	0.	0.004	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	08/14/85-08/14/85	1 ##	2.675	2.675	2.675	2.675	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/09/87-10/01/91	6 ##	0.141	0.141	0.25	0.033	0.014	0.119	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	05/24/95-05/24/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/25/78-07/05/79	13 ##	0.015	0.017	0.03	0.015	0.	0.006	0.015	0.015	0.015	0.03
38442	DICAMBA (BANVEL) WATER,DISSUG/L	06/12/91-10/01/91	2 ##	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
38500	METHIOCARB WATER, TOTUG/L	10/01/91-10/01/91	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
38537	PROPOXUR WATER, TOTUG/L	10/01/91-10/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38865	OXAMYL WATER, TOTUG/L	10/01/91-10/01/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	10/01/91-10/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	06/12/91-10/01/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39051	METHOMYL IN WHOLE WATER (UG/L)	10/01/91-10/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39053	ALDICARB IN WHOLE WATER (UG/L)	10/01/91-10/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	06/12/91-10/01/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	7 ##	0.006	0.011	0.02	0.006	0.	0.007	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	7 ##	0.006	0.01	0.02	0.006	0.	0.007	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	9 ##	0.002	0.006	0.02	0.001	0.	0.008	0.001	0.002	0.011	0.02
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	7 ##	0.002	0.007	0.02	0.002	0.	0.009	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/09/87-10/01/91	6 ##	0.003	0.008	0.02	0.002	0.	0.009	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/09/87-10/01/91	6 ##	0.003	0.008	0.02	0.002	0.	0.009	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/14/85-10/01/91	9 ##	0.002	0.002	0.005	0.	0.	0.002	0.	0.001	0.005	0.005
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/13/86-10/01/91	7 ##	0.007	0.093	0.25	0.007	0.013	0.115	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	7 ##	0.001	0.006	0.02	0.001	0.	0.009	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	9 ##	0.003	0.007	0.02	0.002	0.	0.008	0.002	0.003	0.012	0.02
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	9 ##	0.12	0.128	0.25	0.025	0.006	0.079	0.025	0.075	0.185	0.25
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	7 ##	0.002	0.007	0.02	0.002	0.	0.009	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	7 ##	0.042	0.03	0.042	0.002	0.	0.016	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	8 ##	0.01	0.068	0.25	0.005	0.008	0.091	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	6 ##	0.141	0.141	0.25	0.033	0.014	0.119	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	6 ##	0.141	0.141	0.25	0.033	0.014	0.119	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	6 ##	0.033	0.105	0.25	0.033	0.013	0.112	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	6 ##	0.141	0.141	0.25	0.033	0.014	0.119	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/11/85-10/01/91	7 ##	0.033	0.123	0.25	0.015	0.014	0.119	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/09/87-10/01/91	6 ##	0.141	0.141	0.25	0.033	0.014	0.119	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/01/91-10/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/13/86-10/01/91	2 ##	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/01/91-10/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	9 ##	0.5	0.902	5.	0.04	2.399	1.549	0.04	0.288	0.5	5.
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/11/85-10/01/91	7 ##	0.05	0.209	1.	0.015	0.128	0.357	**	**	**	**
39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	10/01/91-10/01/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/14/85-10/01/91	8 ##	0.05	0.122	0.5	0.01	0.029	0.171	**	**	**	**
39770	DACTHAL (DCPA) IN WHOLE WATER SAMPLE (UG/L)	08/25/88-04/25/89	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	09/09/87-10/01/91	6 ##	0.003	0.008	0.02	0.002	0.	0.009	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-12/15/99	74	283.	257.568	351.	87.	5750.824	75.834	124.	207.75	314.75	334.
61283	M-XYLENE + P-XYLENE, TOTAL, WATER UG/L	05/24/95-05/24/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
61291	TOLUENE, TOTAL WATER UG/L	05/24/95-05/24/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-12/15/99	74	135.	122.324	163.	45.	1113.236	33.365	60.	102.	146.	154.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	296	446.	411.486	1476.	98.	16294.095	127.648	218.	334.5	482.75	510.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	149	0.02	0.065	1.055	0.003	0.019	0.137	0.01	0.01	0.04	0.2
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/26/92-12/15/99	39 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
77825	ALACHLOR WHOLE WATER,UG/L	06/12/91-10/01/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77969	CHLOROPYRIFOS IN WATER UG/L	10/01/91-10/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78008	ENDRIN KETONE IN WATER UG/L	09/09/87-04/25/89	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80015	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	05/24/95-05/24/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	06/12/91-10/01/91	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
81287	DNBP(C10H12N2O5) WHOLE WATER SAMPLE UG/L	06/12/91-10/01/91	2 ##	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	10/01/91-10/01/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	10/01/91-10/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82559	HYDROCARBONS,VOLATILE, IN WATER TOTALUG/L	05/24/95-05/24/95	1 ##	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	203	2.	1.913	10.	0.25	1.698	1.303	0.5	1.	2.5	3.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	199	0.07	0.143	13.	0.015	0.843	0.918	0.025	0.025	0.1	0.15
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	196 ##	0.5	0.73	5.	0.5	0.57	0.755	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	196 ##	2.5	4.571	50.	1.5	31.144	5.581	2.5	2.5	4.5	10.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	204 ##	10.	10.699	57.	2.5	65.789	8.111	5.	5.	10.	20.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	221	0.81	2.365	23.	0.05	11.935	3.455	0.202	0.33	3.	6.584
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	196 ##	2.5	4.707	23.	2.5	16.74	4.092	2.5	2.5	5.	10.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	206	49.5	141.357	1300.	2.5	45568.566	213.468	13.7	20.	170.	366.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	196 ##	0.05	0.092	1.1	0.01	0.011	0.107	0.05	0.05	0.1	0.15
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-10/11/83	121 ##	5.	11.545	60.	5.	99.833	9.992	5.	5.	15.	25.
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	196 ##	1.	1.418	5.	0.5	1.122	1.059	1.	1.	1.	2.5
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	204	20.	27.574	160.	2.5	718.014	26.796	5.	10.	35.75	60.

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

EPA Water Quality Criteria Analysis for Station: DINO0209

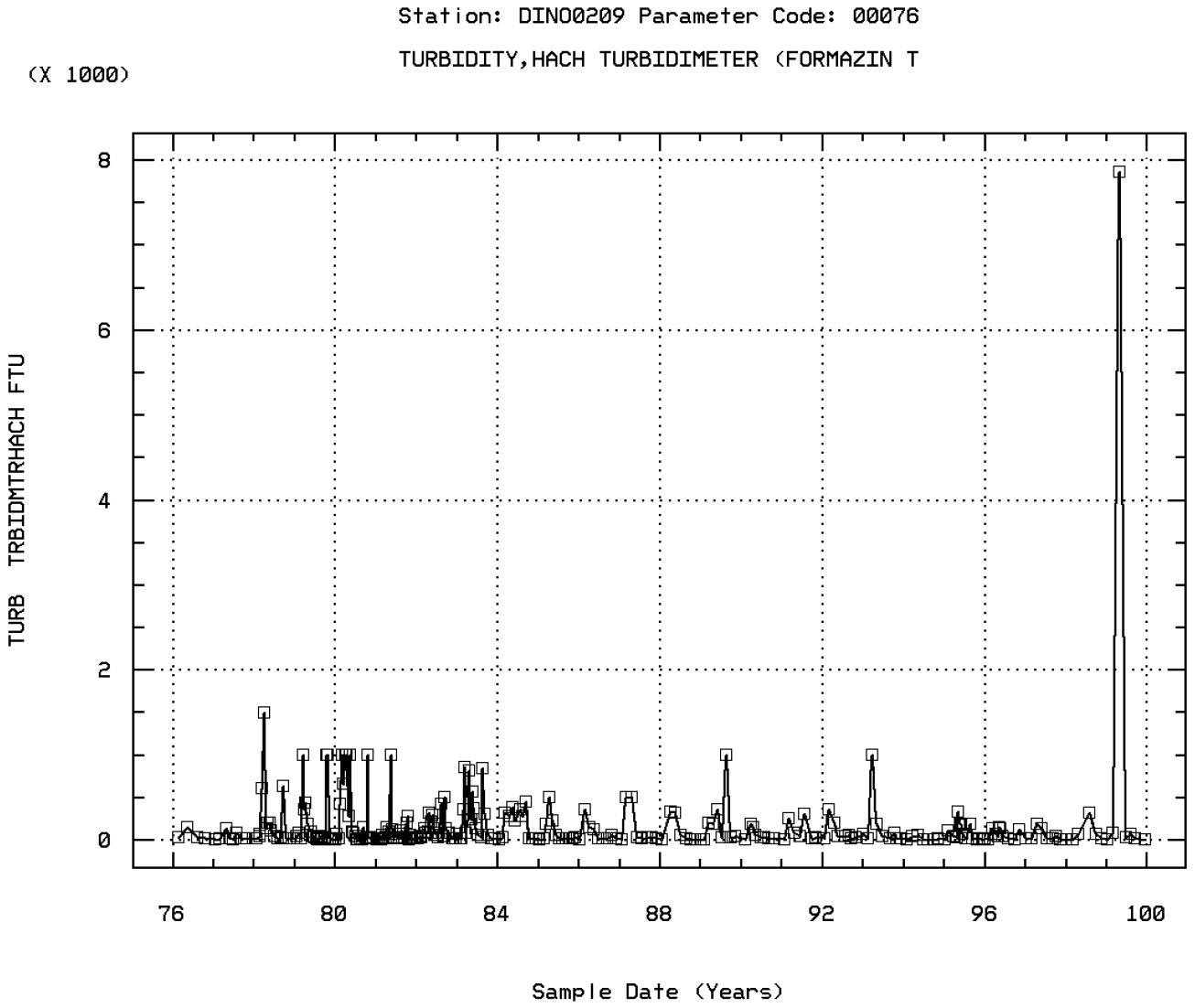
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	286 &	123	0.43	134	25	0.19	80	66	0.83	72	32	0.44			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	251	0	0.00	118	0	0.00	75	0	0.00	58	0	0.00			
00400	PH	Fresh Chronic	9.	225	0	0.00	107	0	0.00	63	0	0.00	55	0	0.00			
		Other-Lo Lim.	6.5	225	0	0.00	107	0	0.00	63	0	0.00	55	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	252	5	0.02	116	4	0.03	76	1	0.01	60	0	0.00			
		Other-Lo Lim.	6.5	252	0	0.00	116	0	0.00	76	0	0.00	60	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	19	0	0.00	9	0	0.00	3	0	0.00	7	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	139	0	0.00	64	0	0.00	39	0	0.00	36	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	19	0	0.00	9	0	0.00	3	0	0.00	7	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	167	0	0.00	79	0	0.00	47	0	0.00	41	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	153	0	0.00	79	0	0.00	39	0	0.00	35	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	55	0	0.00	22	0	0.00	20	0	0.00	13	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	290	0	0.00	136	0	0.00	82	0	0.00	72	0	0.00			
		Drinking Water	250.	290	0	0.00	136	0	0.00	82	0	0.00	72	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	291	4	0.01	137	1	0.01	82	2	0.02	72	1	0.01			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	120	0	0.00	55	0	0.00	35	0	0.00	30	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	54	0	0.00	28	0	0.00	13	0	0.00	13	0	0.00			
		Drinking Water	50.	54	0	0.00	28	0	0.00	13	0	0.00	13	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	39	0	0.00	20	0	0.00	9	0	0.00	10	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	42	2	0.05	22	2	0.09	9	0	0.00	11	0	0.00			
		Drinking Water	5.	42	1	0.02	22	1	0.05	9	0	0.00	11	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	42	0	0.00	21	0	0.00	10	0	0.00	11	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	100	0	0.00	44	0	0.00	31	0	0.00	25	0	0.00			
		Drinking Water	100.	100	0	0.00	44	0	0.00	31	0	0.00	25	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	48	1	0.02	24	0	0.00	12	1	0.08	12	0	0.00			
		Drinking Water	1300.	48	0	0.00	24	0	0.00	12	0	0.00	12	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	41	0	0.00	22	0	0.00	9	0	0.00	10	0	0.00			
		Drinking Water	15.	41	1	0.02	22	1	0.05	9	0	0.00	10	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	39	0	0.00	20	0	0.00	9	0	0.00	10	0	0.00			
		Drinking Water	100.	39	0	0.00	20	0	0.00	9	0	0.00	10	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	45	0	0.00	23	0	0.00	11	0	0.00	11	0	0.00			
		Drinking Water	5000.	45	0	0.00	23	0	0.00	11	0	0.00	11	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	47	0	0.00	22	0	0.00	13	0	0.00	12	0	0.00			
		Drinking Water	50.	47	0	0.00	22	0	0.00	13	0	0.00	12	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	198	0	0.00	93	0	0.00	57	0	0.00	48	0	0.00			
		Drinking Water	50.	198	0	0.00	93	0	0.00	57	0	0.00	48	0	0.00			
07000	TRITIUM, TOTAL	Drinking Water	20000.	19	0	0.00	4	0	0.00	5	0	0.00	10	0	0.00			
09501	RADIUM 226, TOTAL	Drinking Water	5.	9 &	1	0.11	3	0	0.00	2	0	0.00	4	1	0.25			
11501	RADIUM 228, TOTAL	Drinking Water	5.	12	1	0.08	1	0	0.00	4	1	0.25	7	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	1	0	0.00				1	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	121	30	0.25	51	10	0.20	37	13	0.35	33	7	0.21			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	99	23	0.23	35	8	0.23	36	7	0.19	28	8	0.29			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00				1	0	0.00						
38865	OXAMYL, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
39033	ATRAZINE IN WHOLE WATER SAMPLE	Drinking Water	3.	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

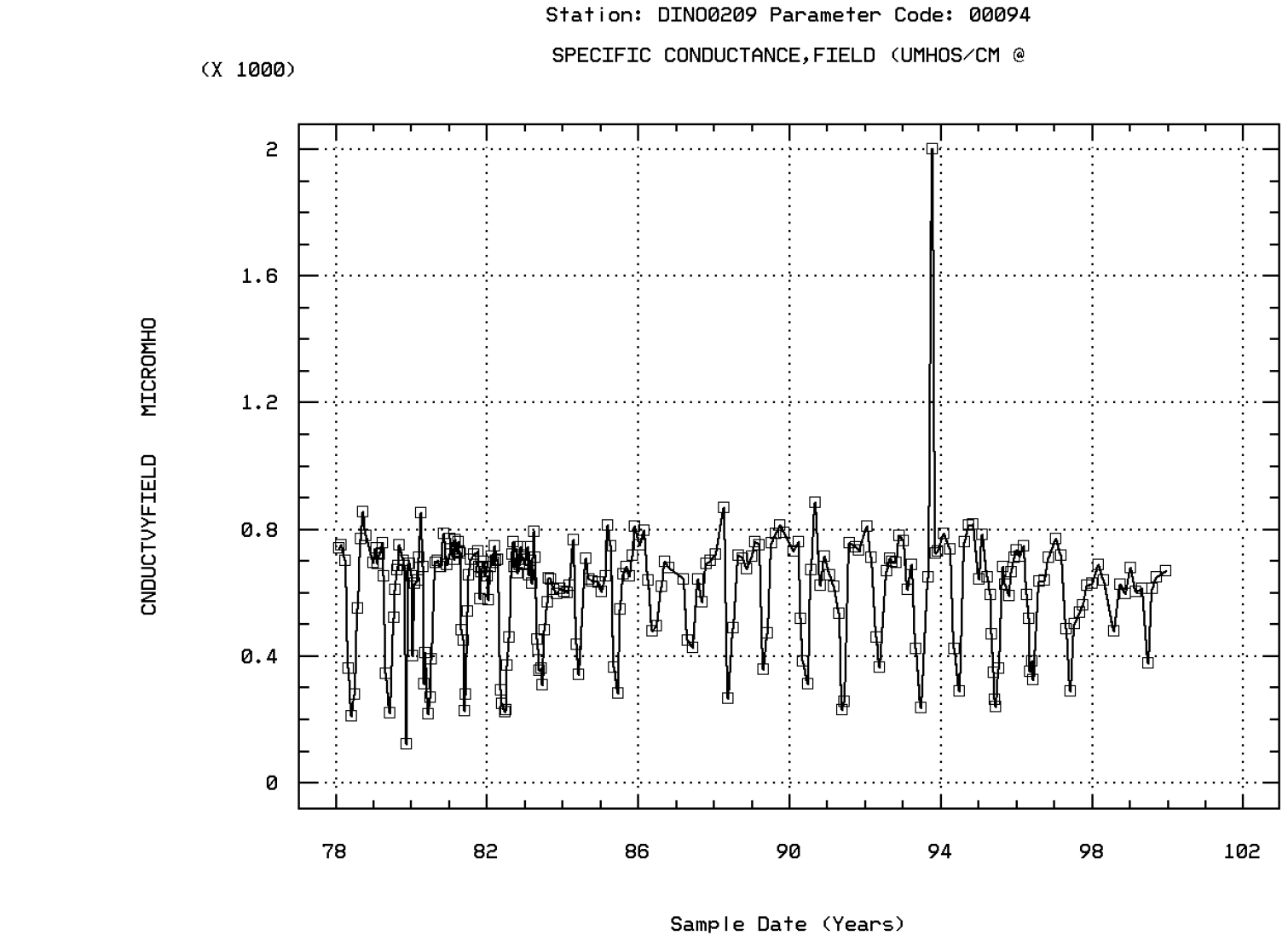
EPA Water Quality Criteria Analysis for Station: DINO0209

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39053	ALDICARB IN WHOLE WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	0.2	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	2.	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	2.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	3.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	0.4	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	0.2	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	39	0	0.00	20	0	0.00	9	0	0.00	10	0	0.00			
		Drinking Water	2.	39	0	0.00	20	0	0.00	9	0	0.00	10	0	0.00			
81287	DNBP(C10H12N2O5), WHOLE WATER SAMPLE	Drinking Water	7.	2	0	0.00	1	0	0.00				1	0	0.00			
81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	203	0	0.00	97	0	0.00	57	0	0.00	49	0	0.00			
		Drinking Water	50.	203	0	0.00	97	0	0.00	57	0	0.00	49	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	199	1	0.01	93	1	0.01	58	0	0.00	48	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	196	5	0.03	92	0	0.00	57	5	0.09	47	0	0.00			
		Drinking Water	5.	196	3	0.02	92	0	0.00	57	3	0.05	47	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	196	0	0.00	92	0	0.00	57	0	0.00	47	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	204	27	0.13	96	12	0.13	58	13	0.22	50	2	0.04			
		Drinking Water	1300.	204	0	0.00	96	0	0.00	58	0	0.00	50	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	196	0	0.00	92	0	0.00	57	0	0.00	47	0	0.00			
		Drinking Water	15.	196	9	0.05	92	1	0.01	57	7	0.12	47	1	0.02			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	196	0	0.00	92	0	0.00	57	0	0.00	47	0	0.00			
		Drinking Water	2.	196	0	0.00	92	0	0.00	57	0	0.00	47	0	0.00			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	121	0	0.00	55	0	0.00	36	0	0.00	30	0	0.00			
		Drinking Water	100.	121	0	0.00	55	0	0.00	36	0	0.00	30	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	187 &	4	0.02	83	0	0.00	57	4	0.07	47	0	0.00			
		Drinking Water	100.	196	0	0.00	92	0	0.00	57	0	0.00	47	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	204	4	0.02	97	0	0.00	58	4	0.07	49	0	0.00			
		Drinking Water	5000.	204	0	0.00	97	0	0.00	58	0	0.00	49	0	0.00			

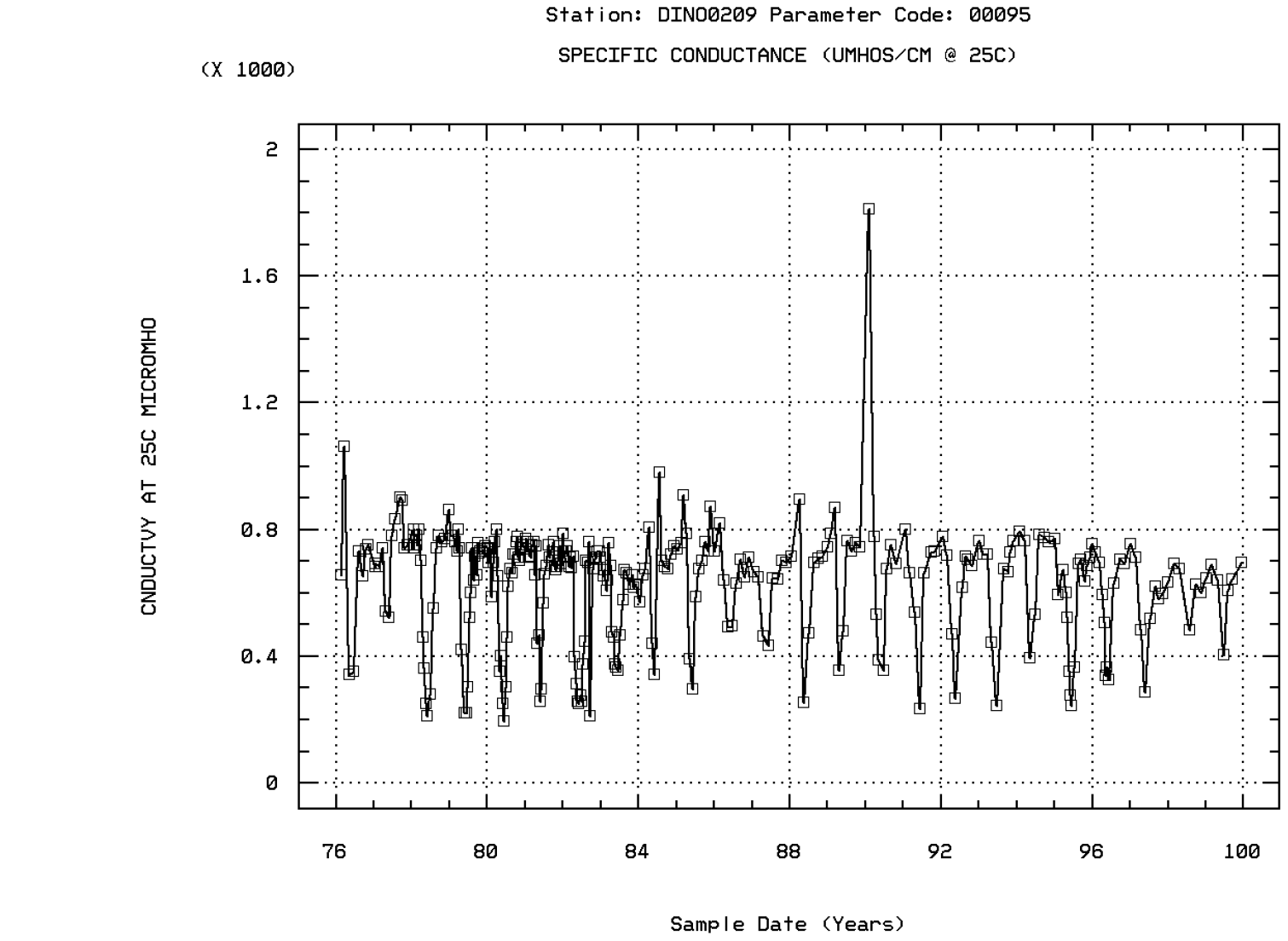
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



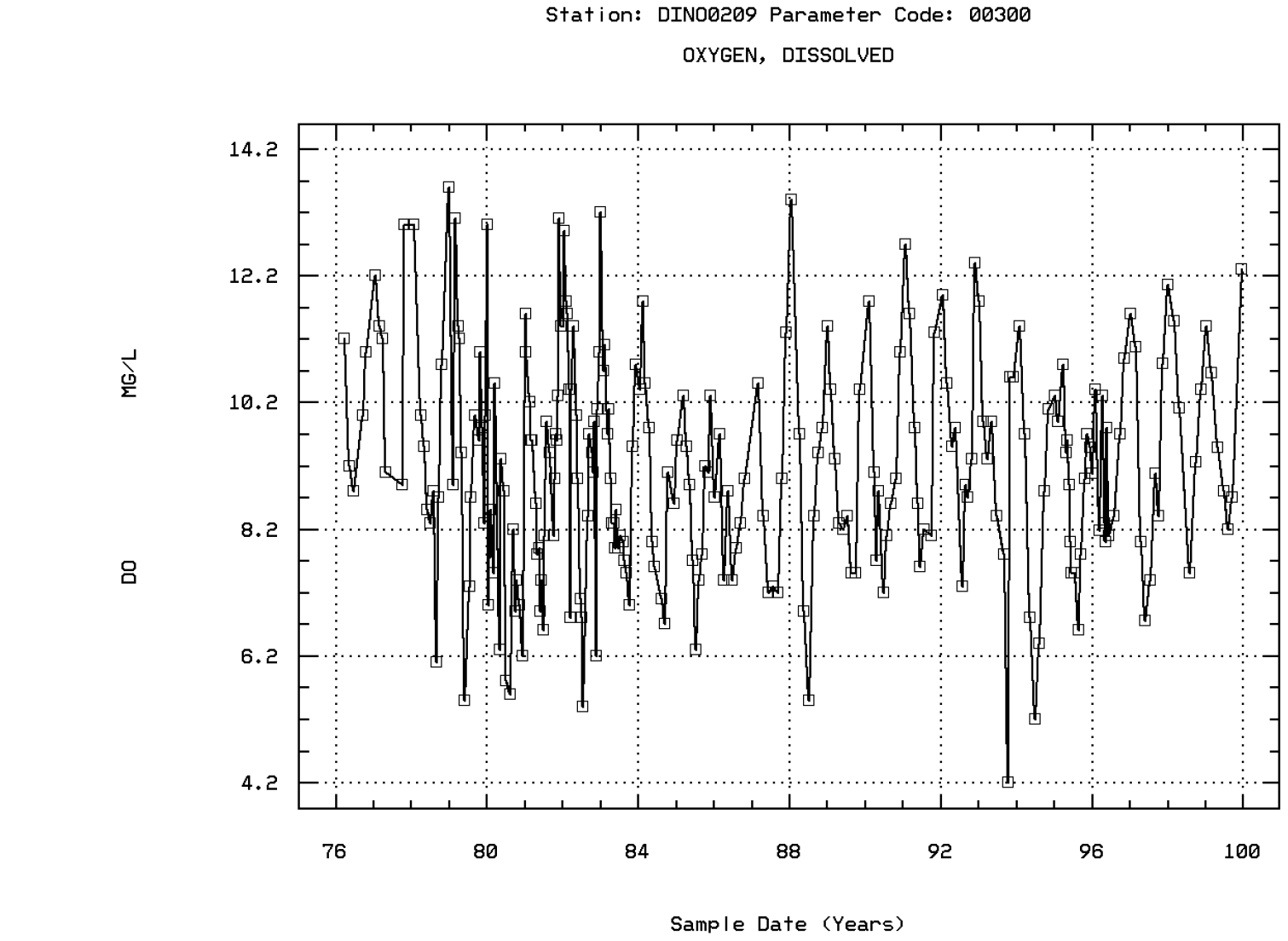
GREEN R AT DINOSAUR NATL MONUMENT U149



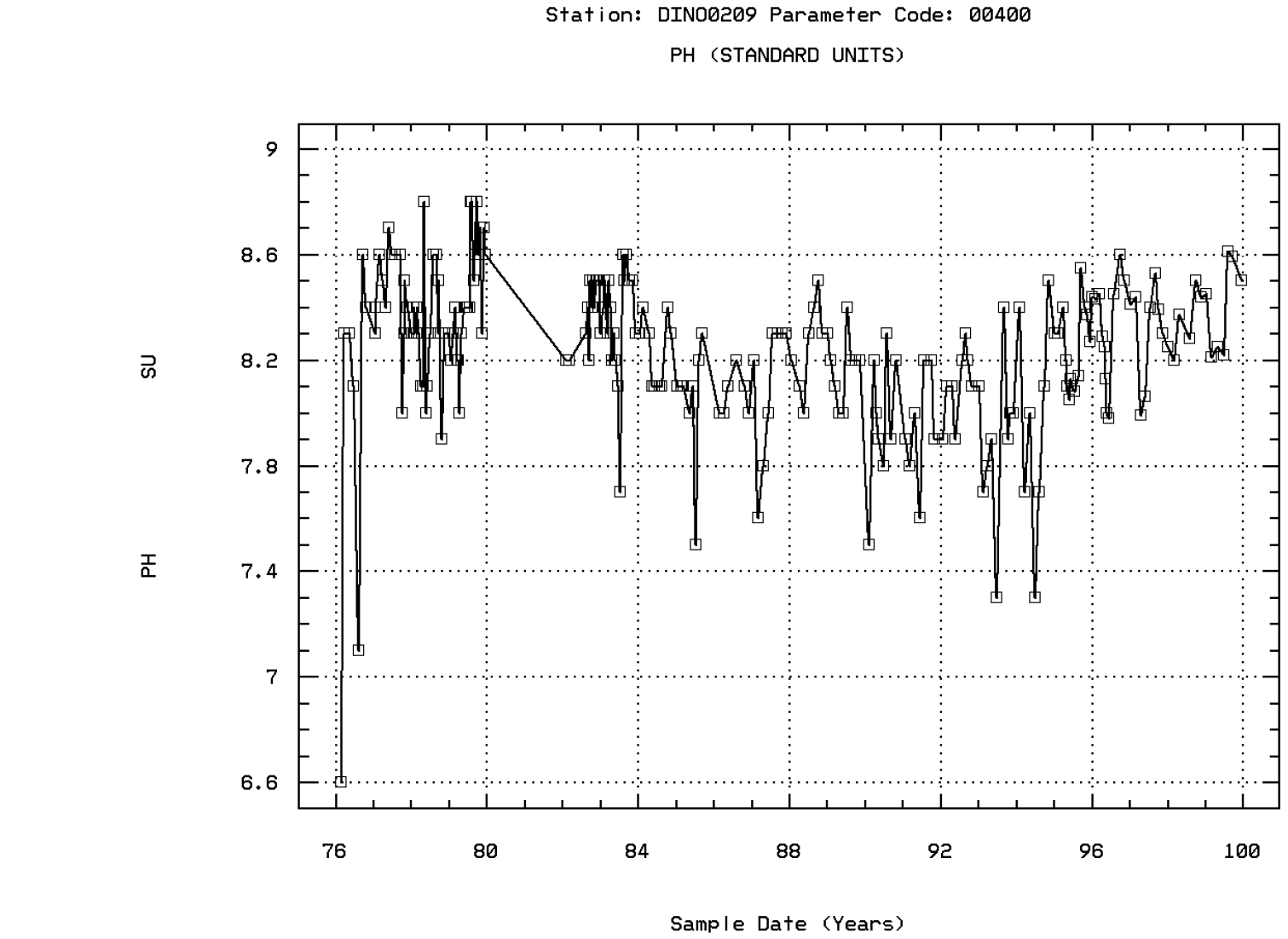
GREEN R AT DINOSAUR NATL MONUMENT U149



GREEN R AT DINOSAUR NATL MONUMENT U149



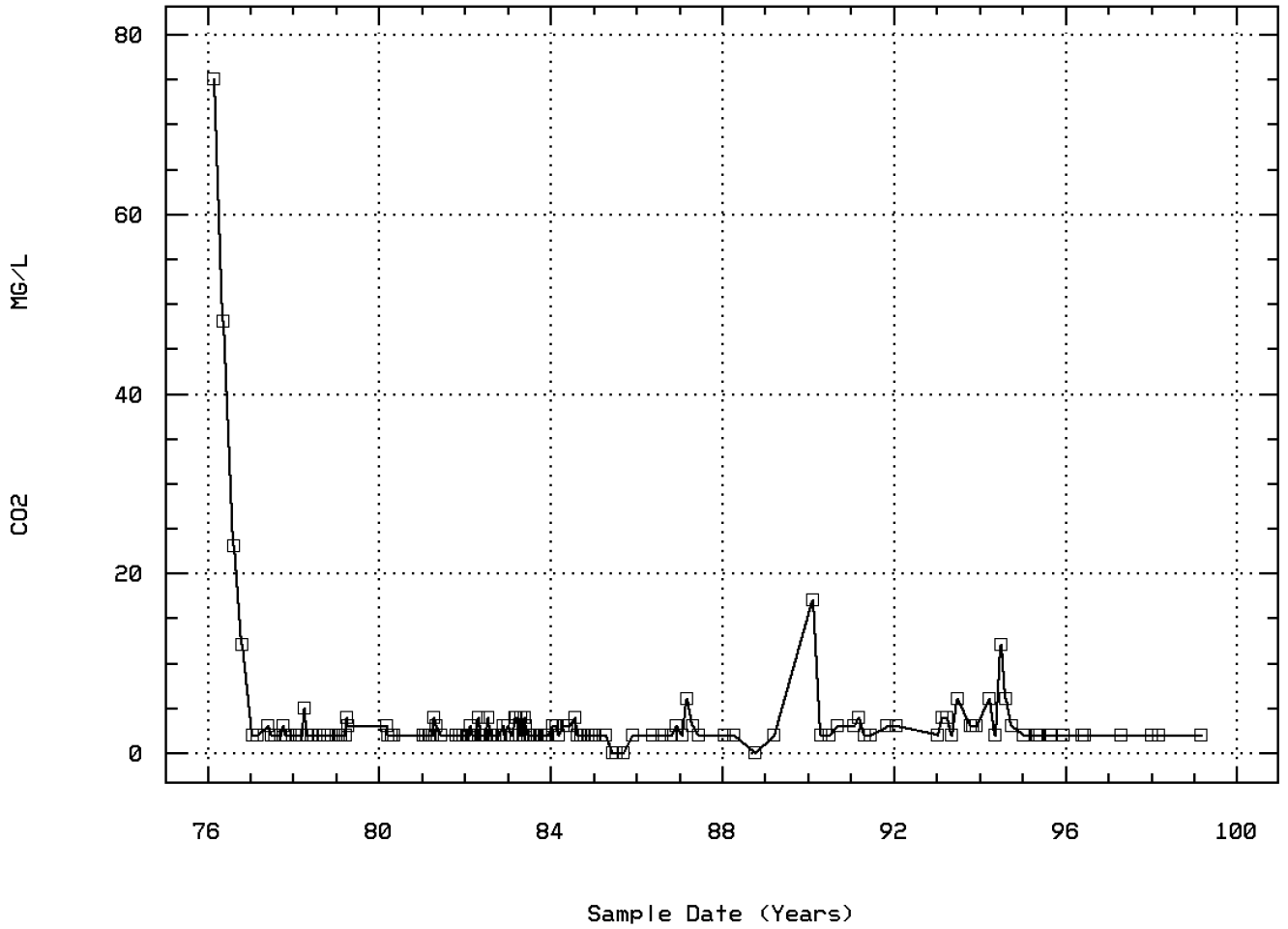
GREEN R AT DINOSAUR NATL MONUMENT U149



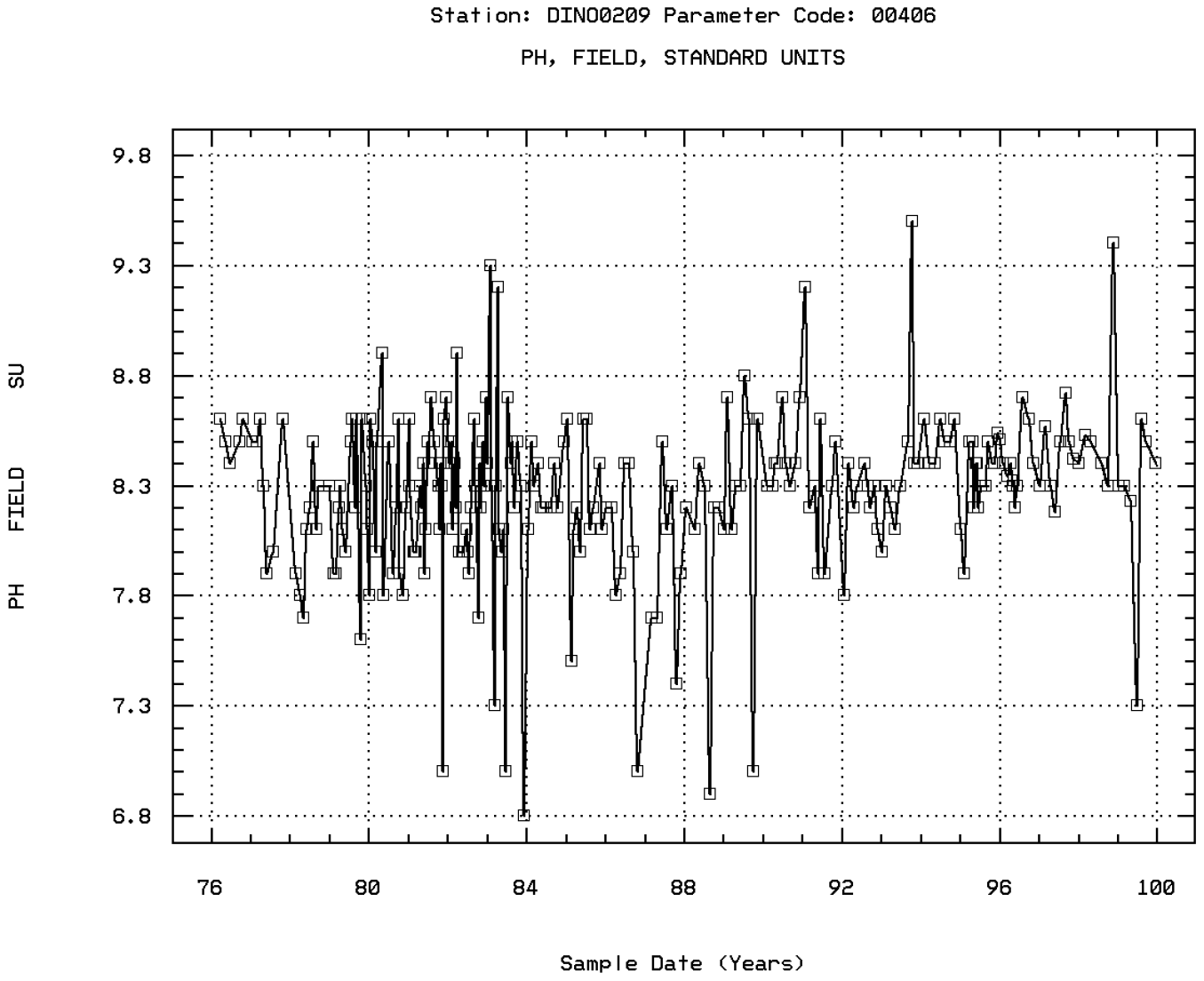
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00405

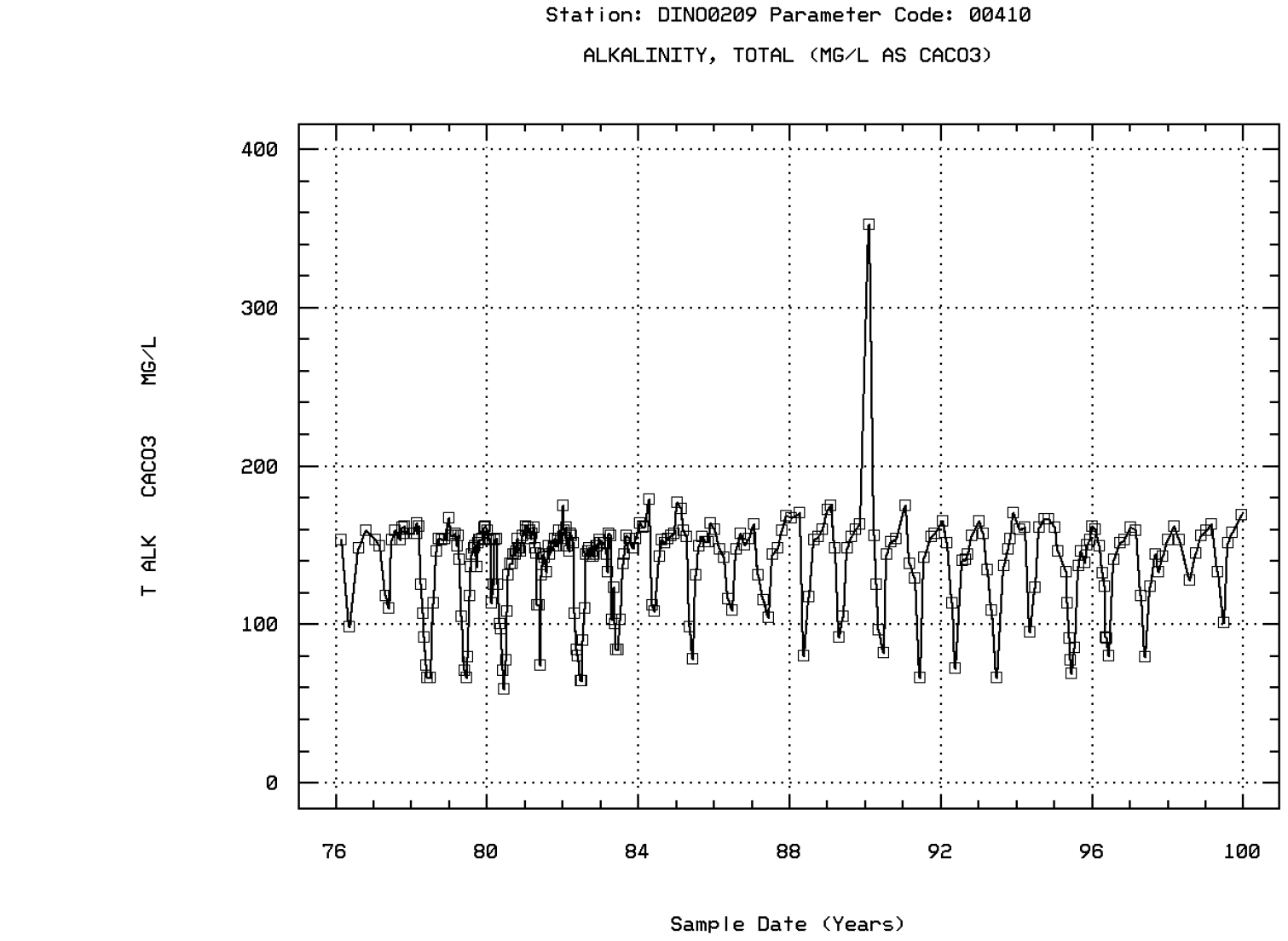
CARBON DIOXIDE (MG/L AS CO2)



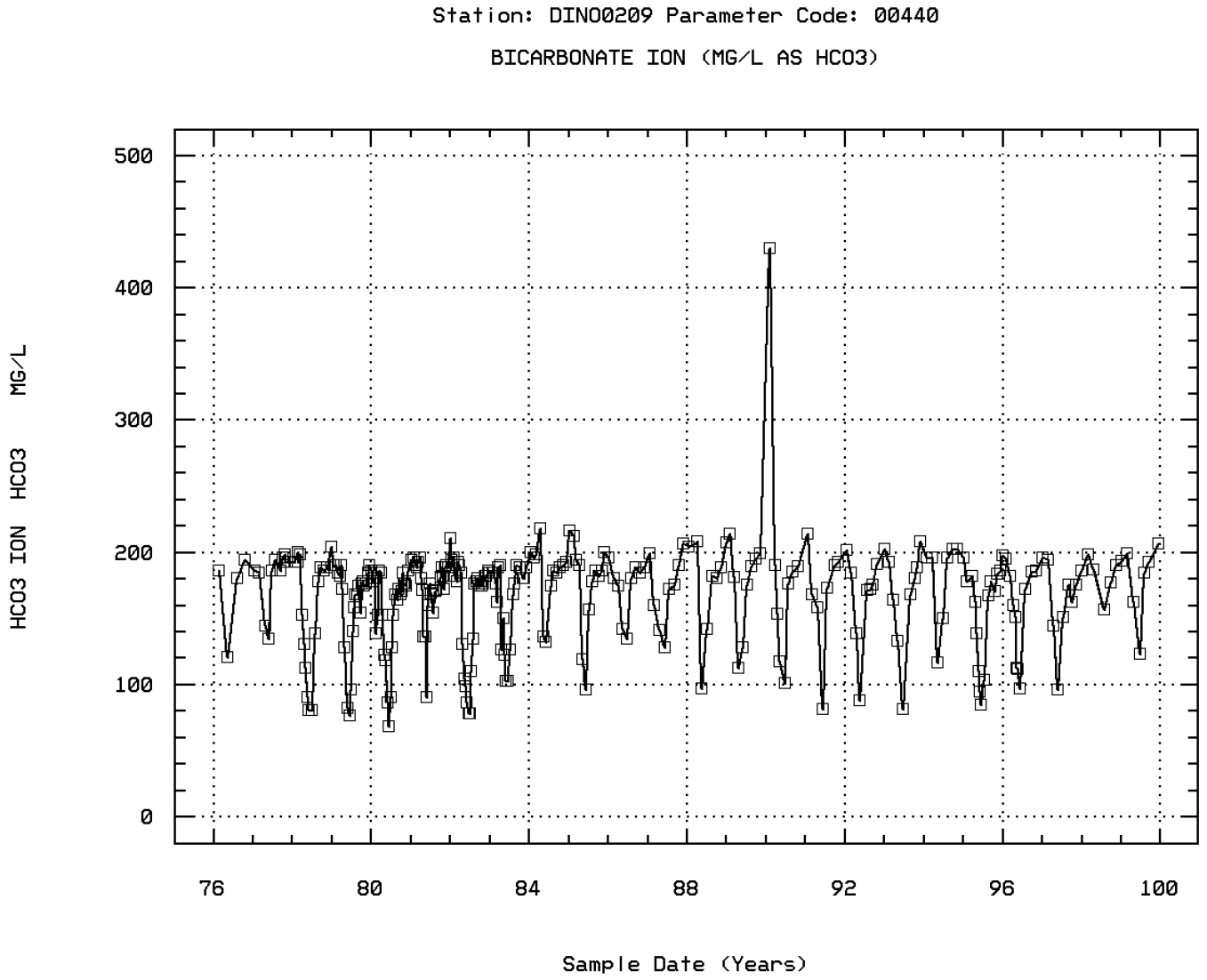
GREEN R AT DINOSAUR NATL MONUMENT U149



GREEN R AT DINOSAUR NATL MONUMENT U149



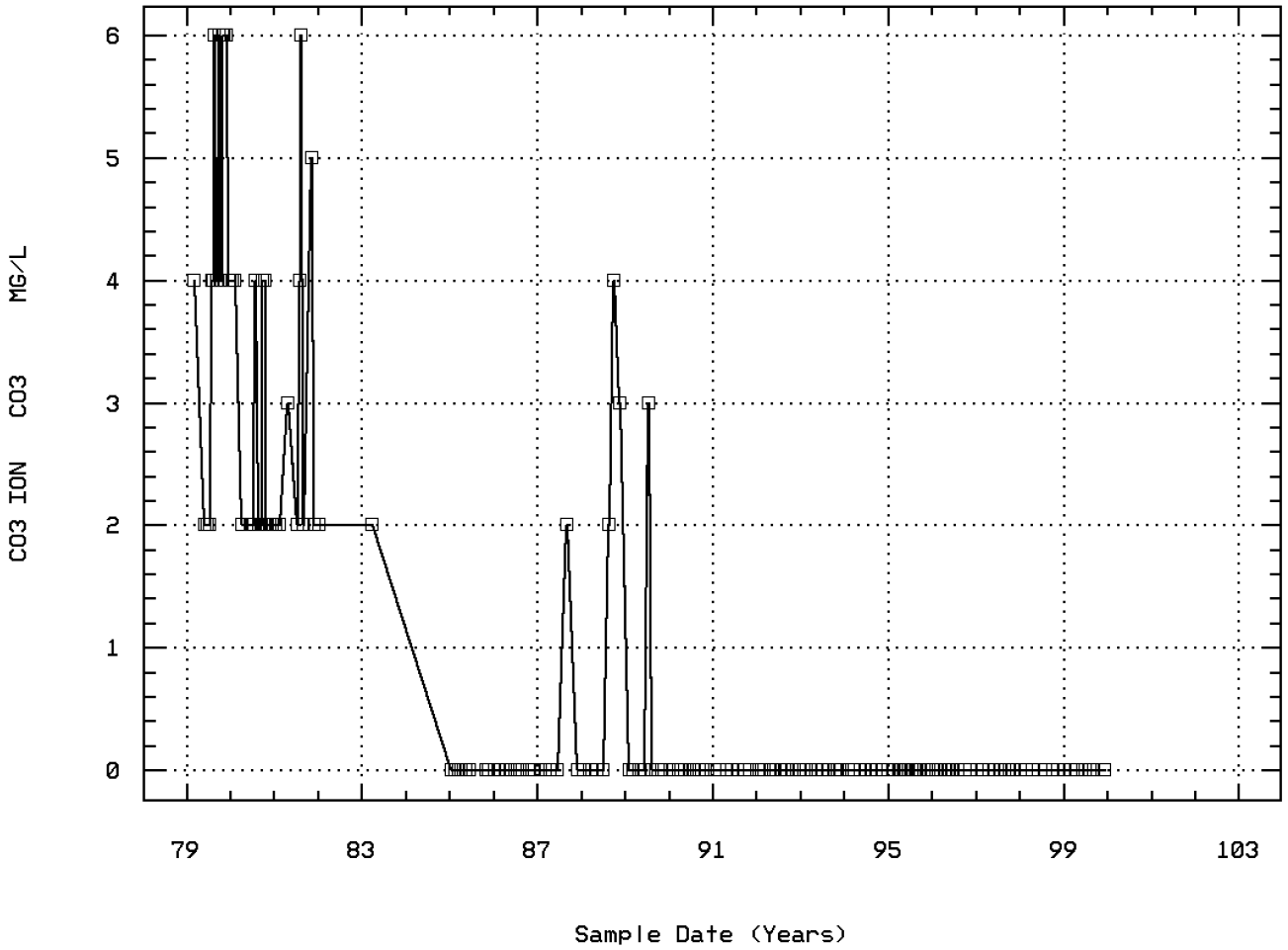
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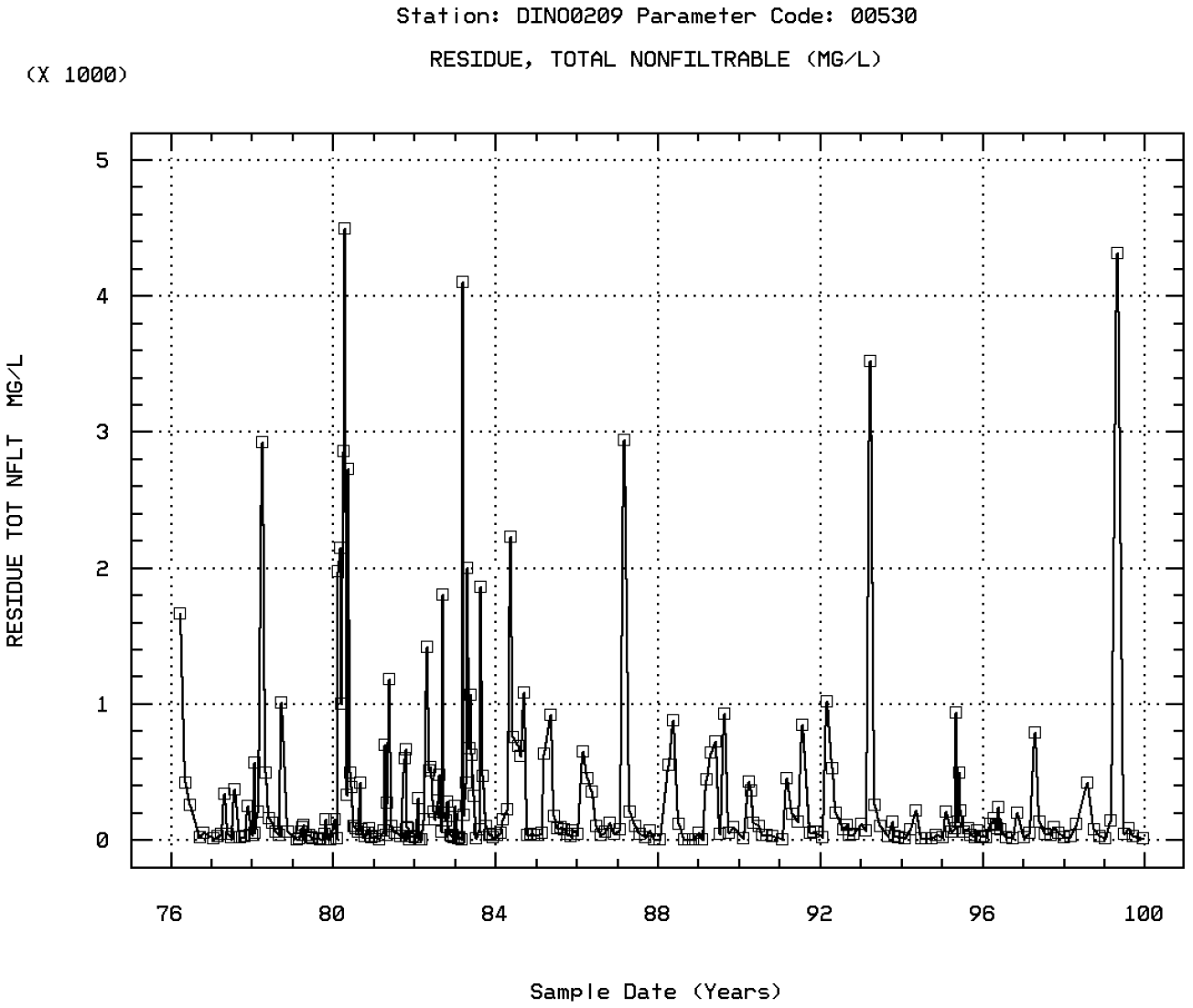
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00445

CARBONATE ION (MG/L AS CO3)



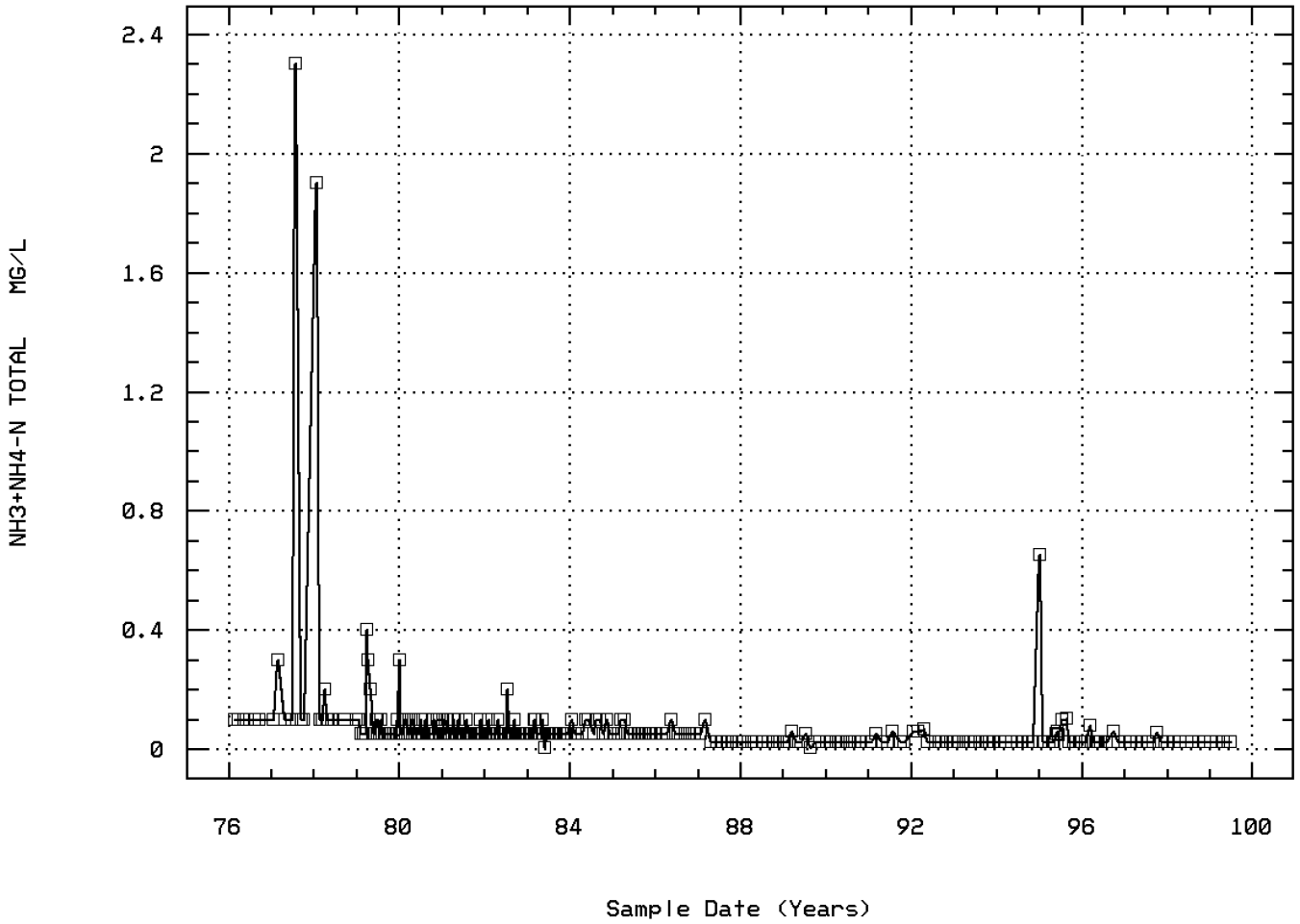
GREEN R AT DINOSAUR NATL MONUMENT U149



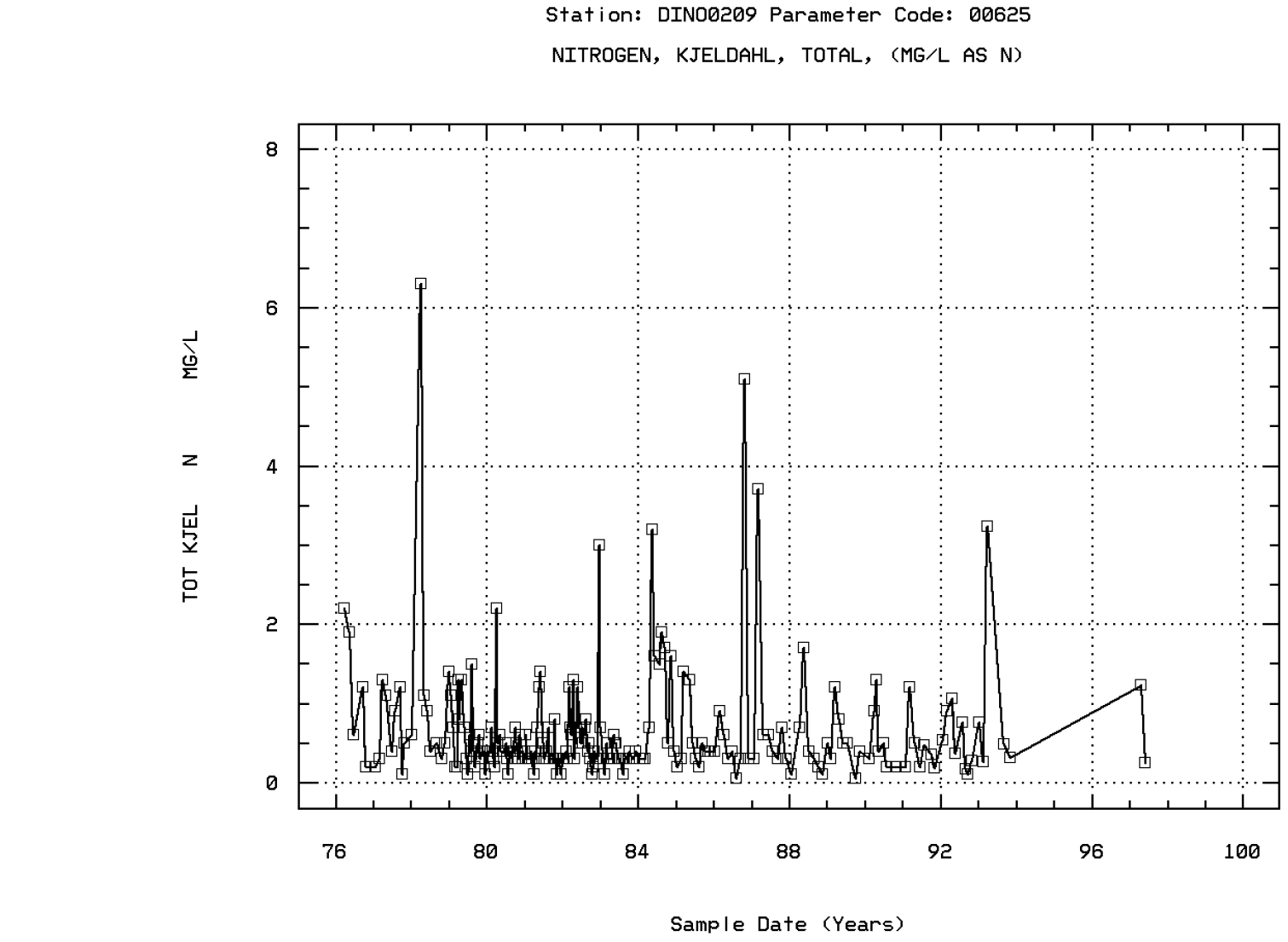
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00610

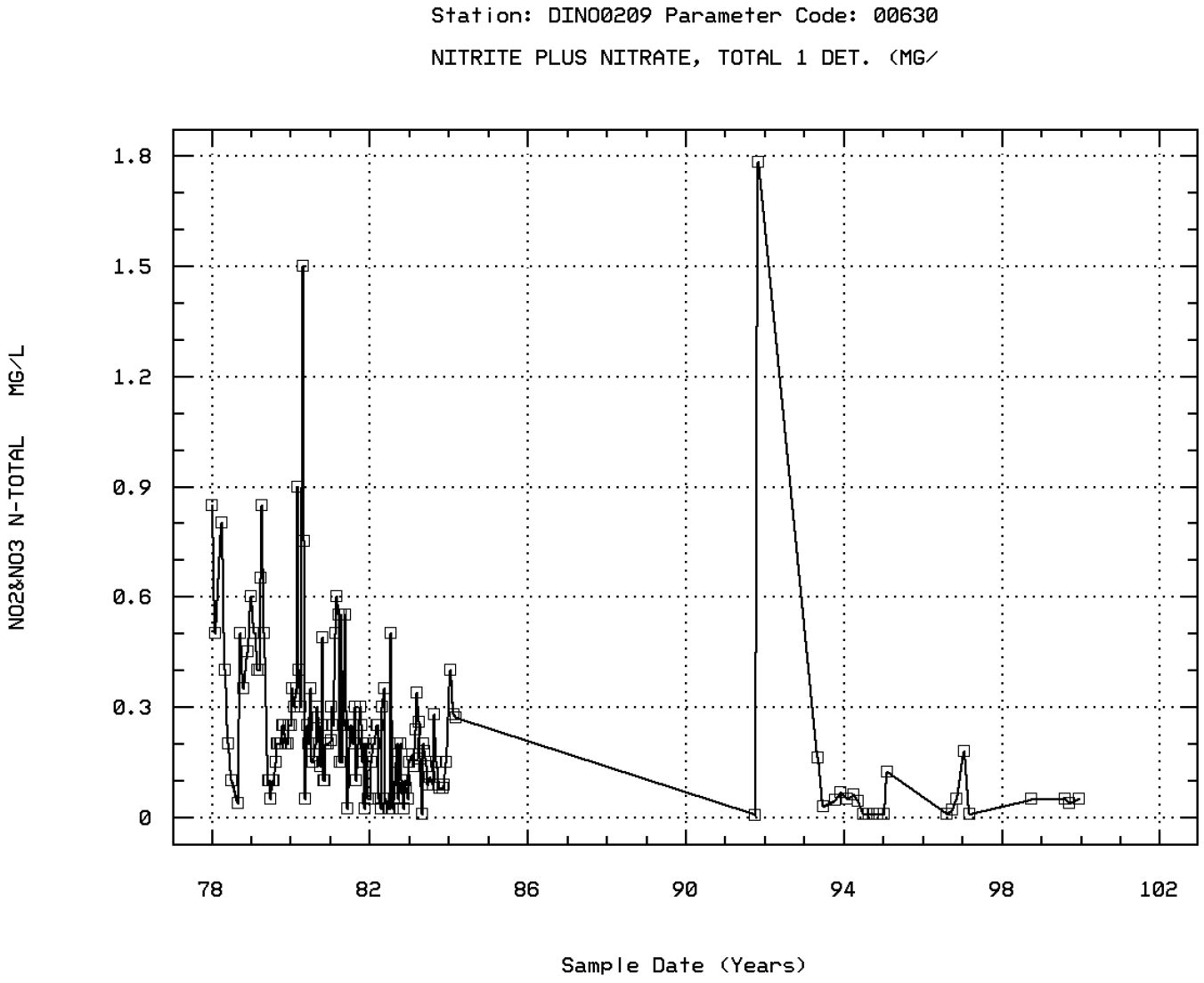
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



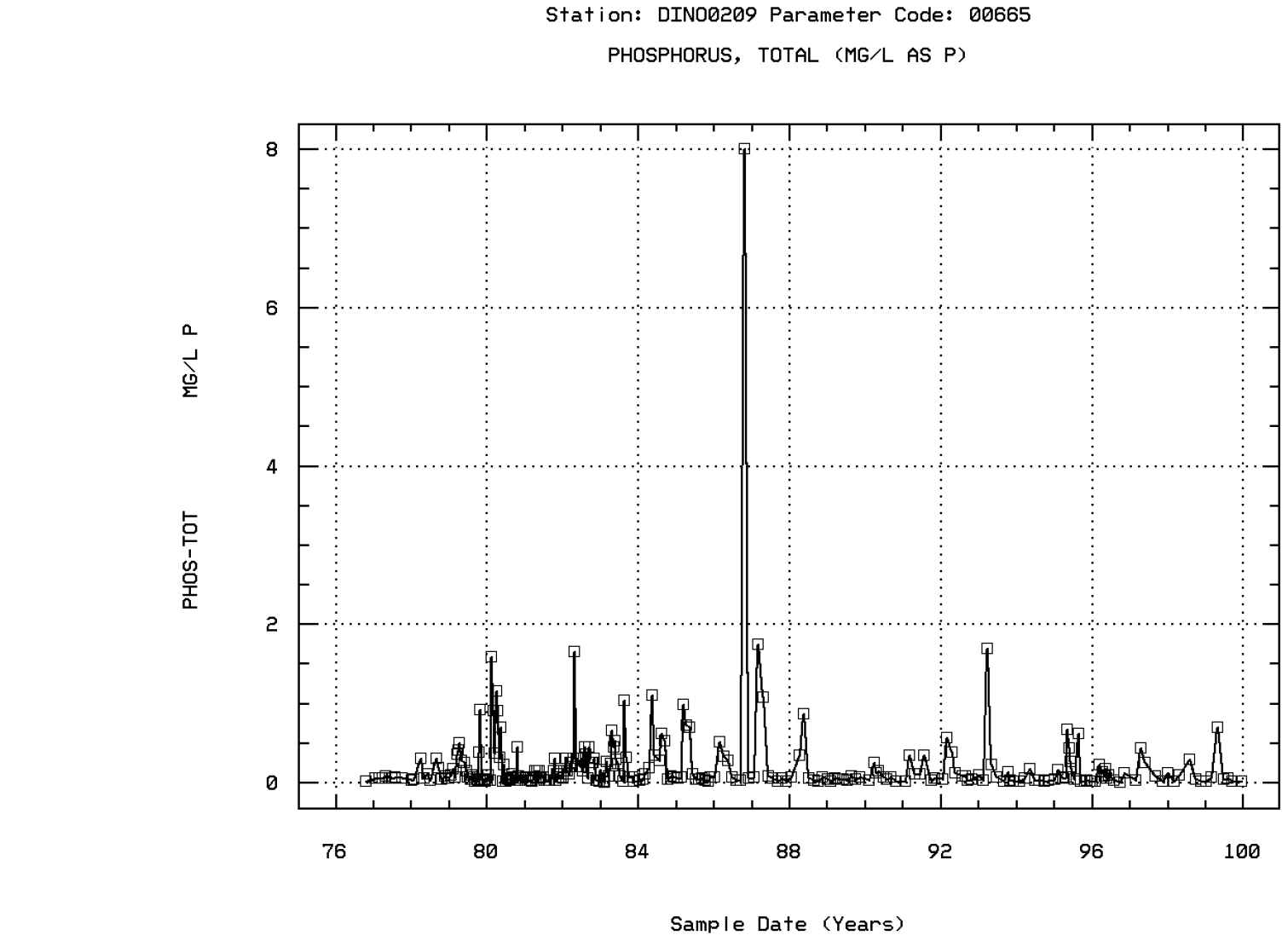
GREEN R AT DINOSAUR NATL MONUMENT U149



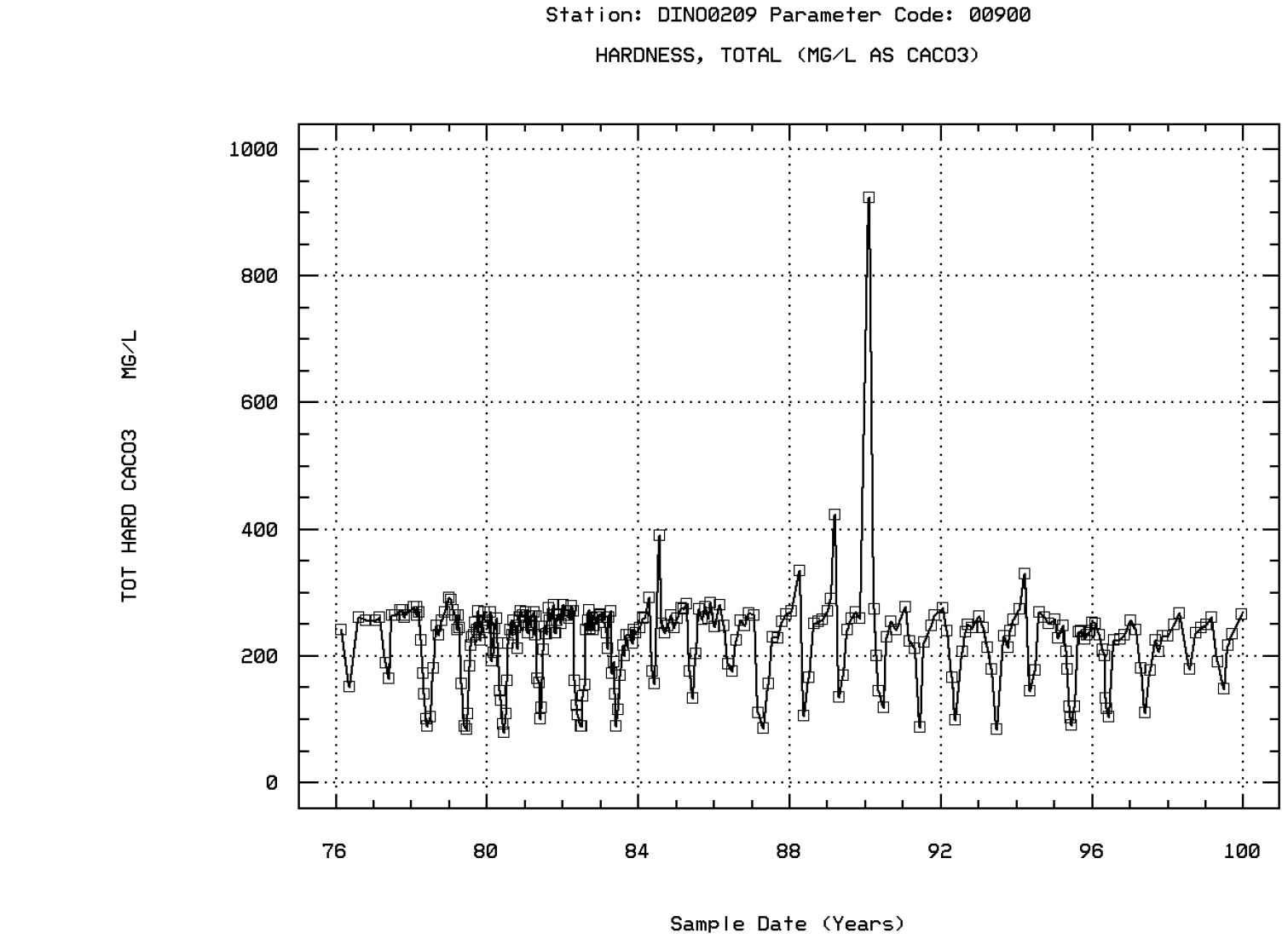
GREEN R AT DINOSAUR NATL MONUMENT U149



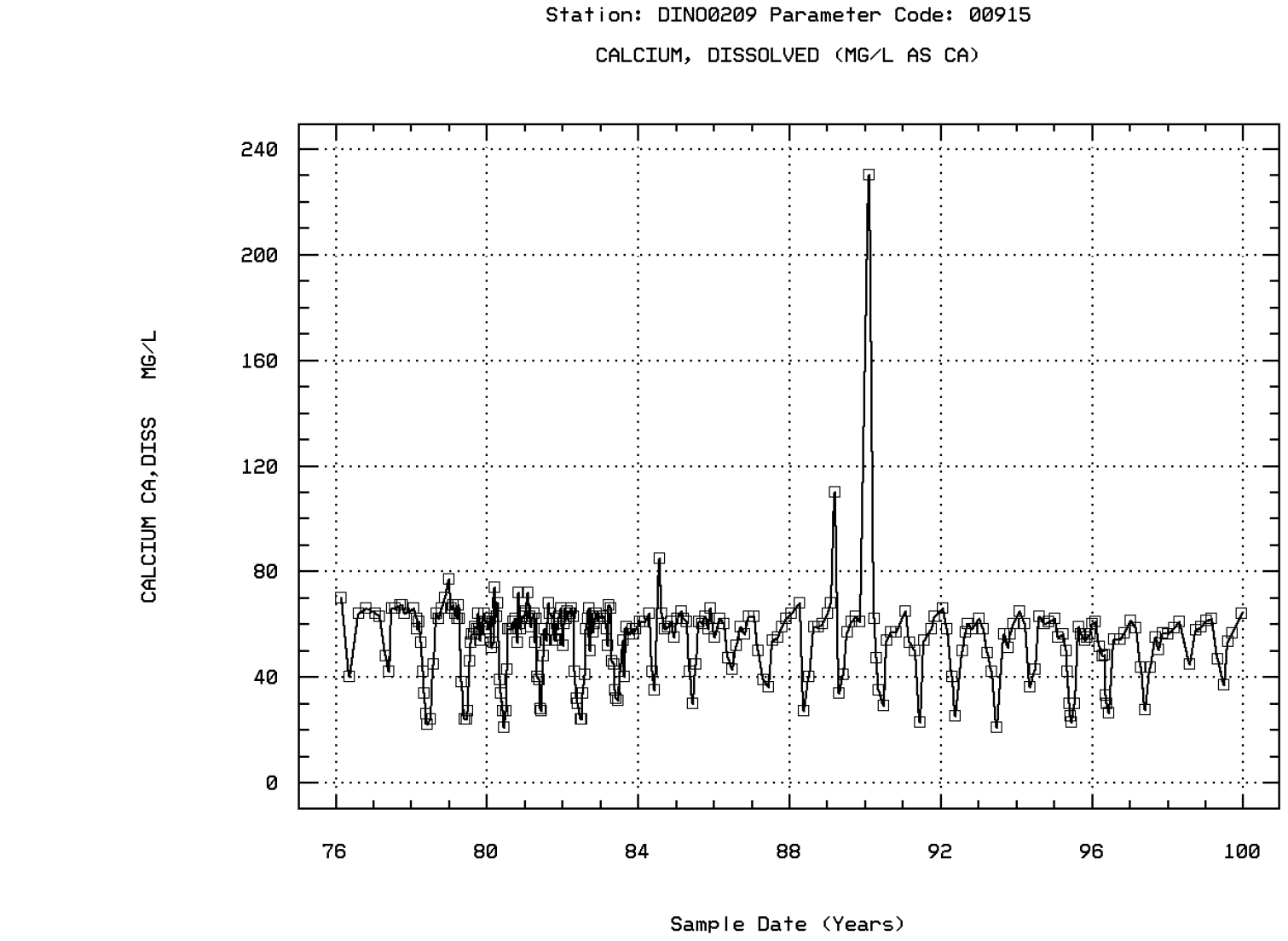
GREEN R AT DINOSAUR NATL MONUMENT U149



GREEN R AT DINOSAUR NATL MONUMENT U149



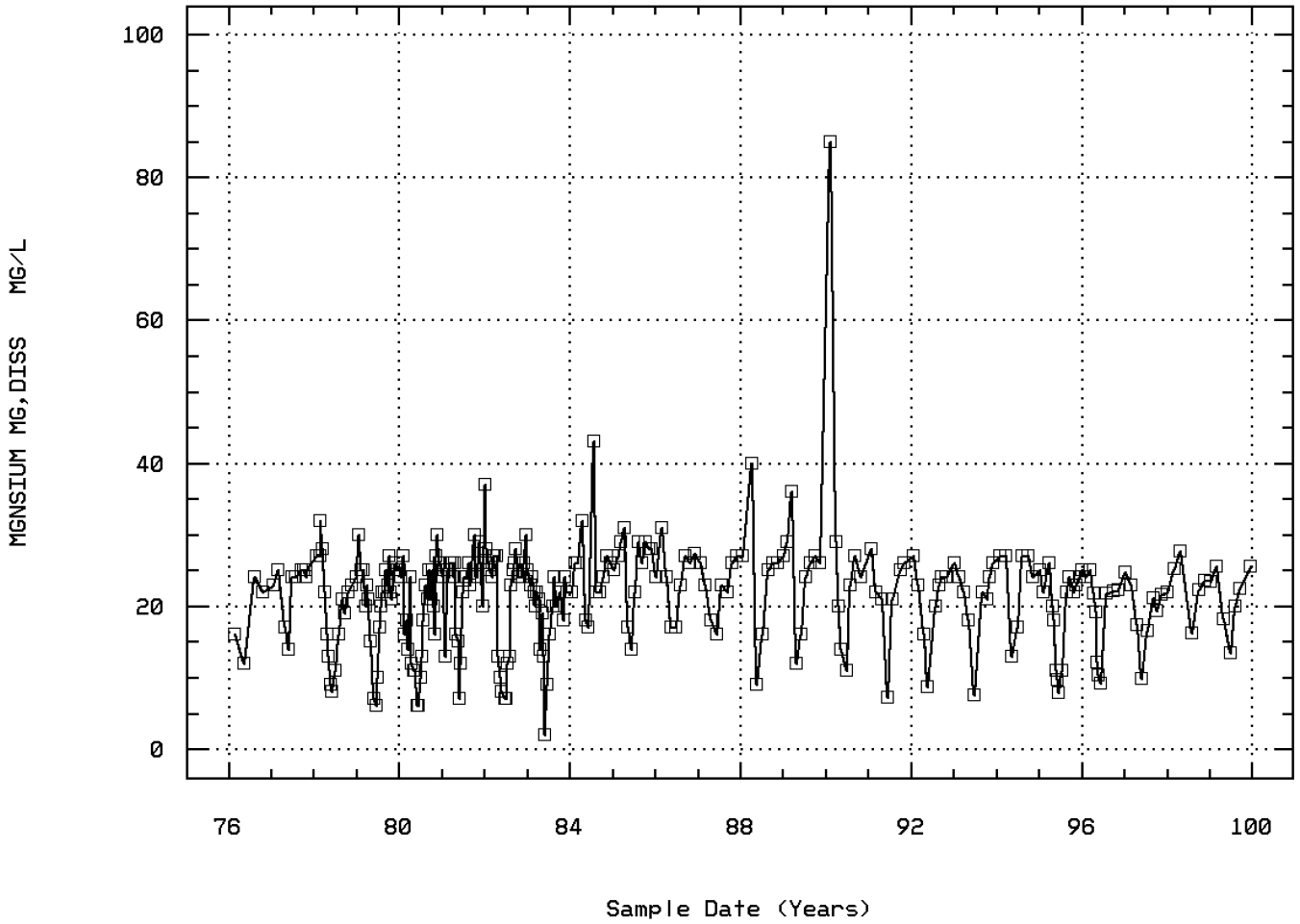
GREEN R AT DINOSAUR NATL MONUMENT U149



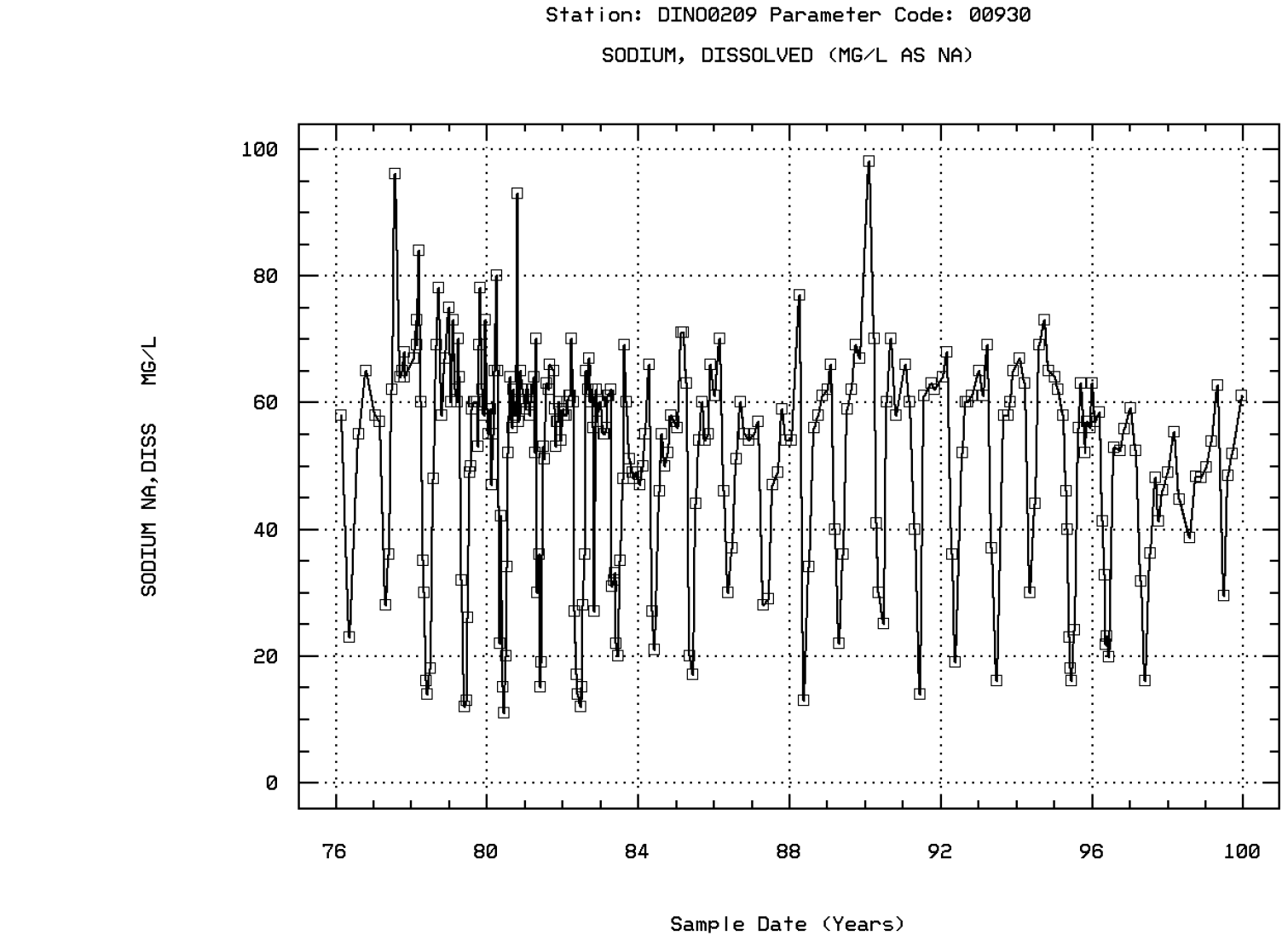
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00925

MAGNESIUM, DISSOLVED (MG/L AS MG)



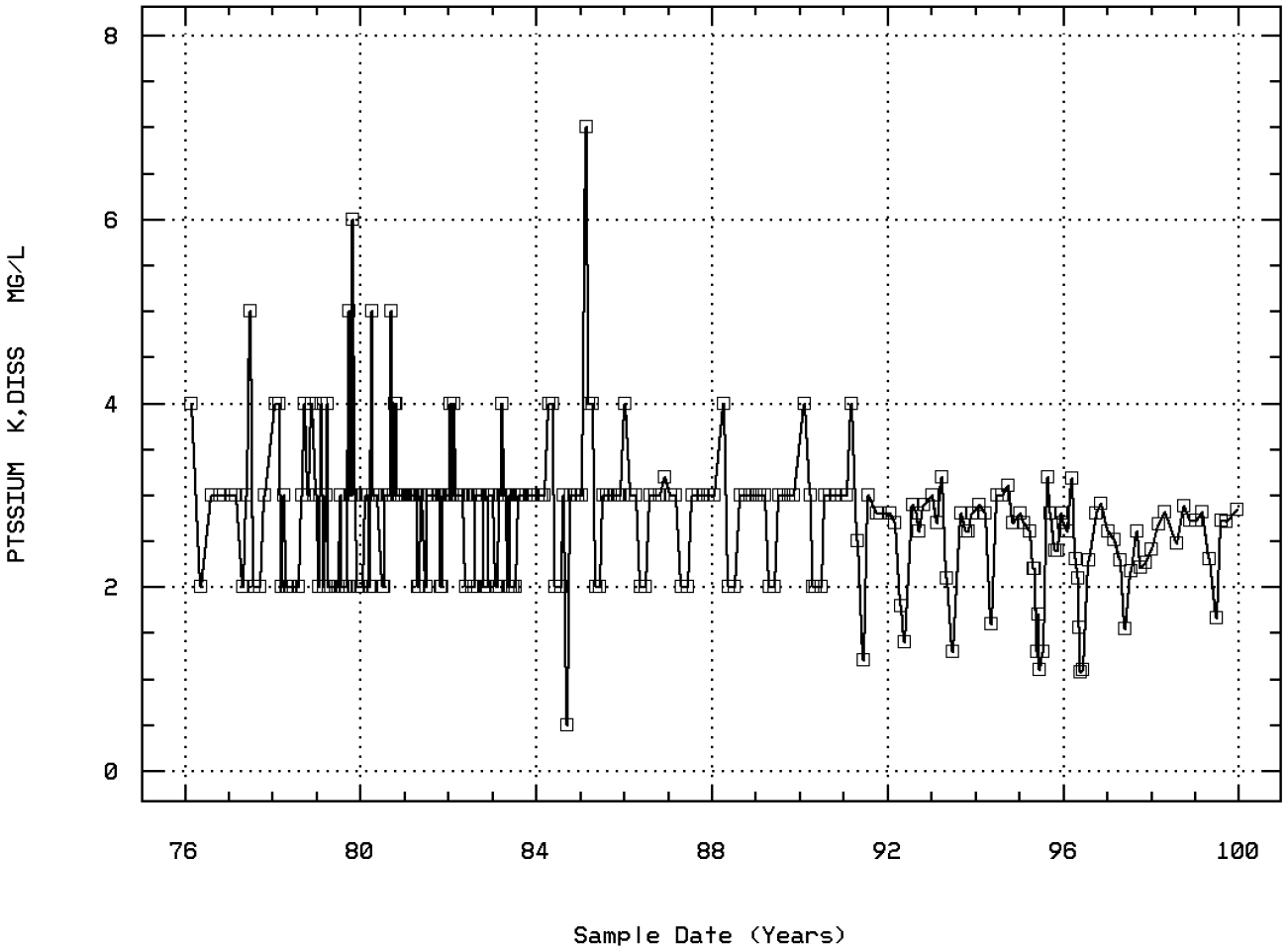
GREEN R AT DINOSAUR NATL MONUMENT U149



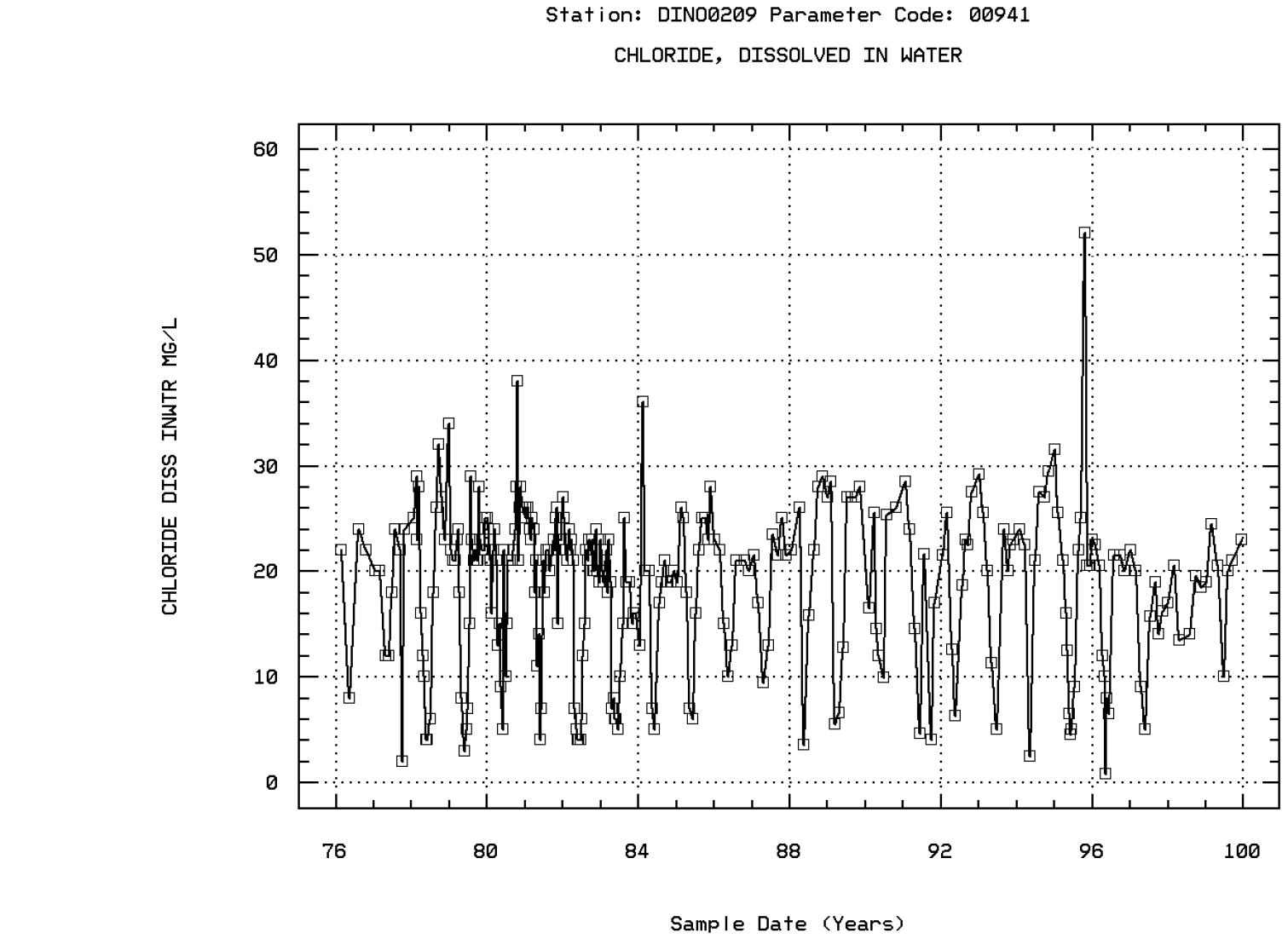
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00935

POTASSIUM, DISSOLVED (MG/L AS K)



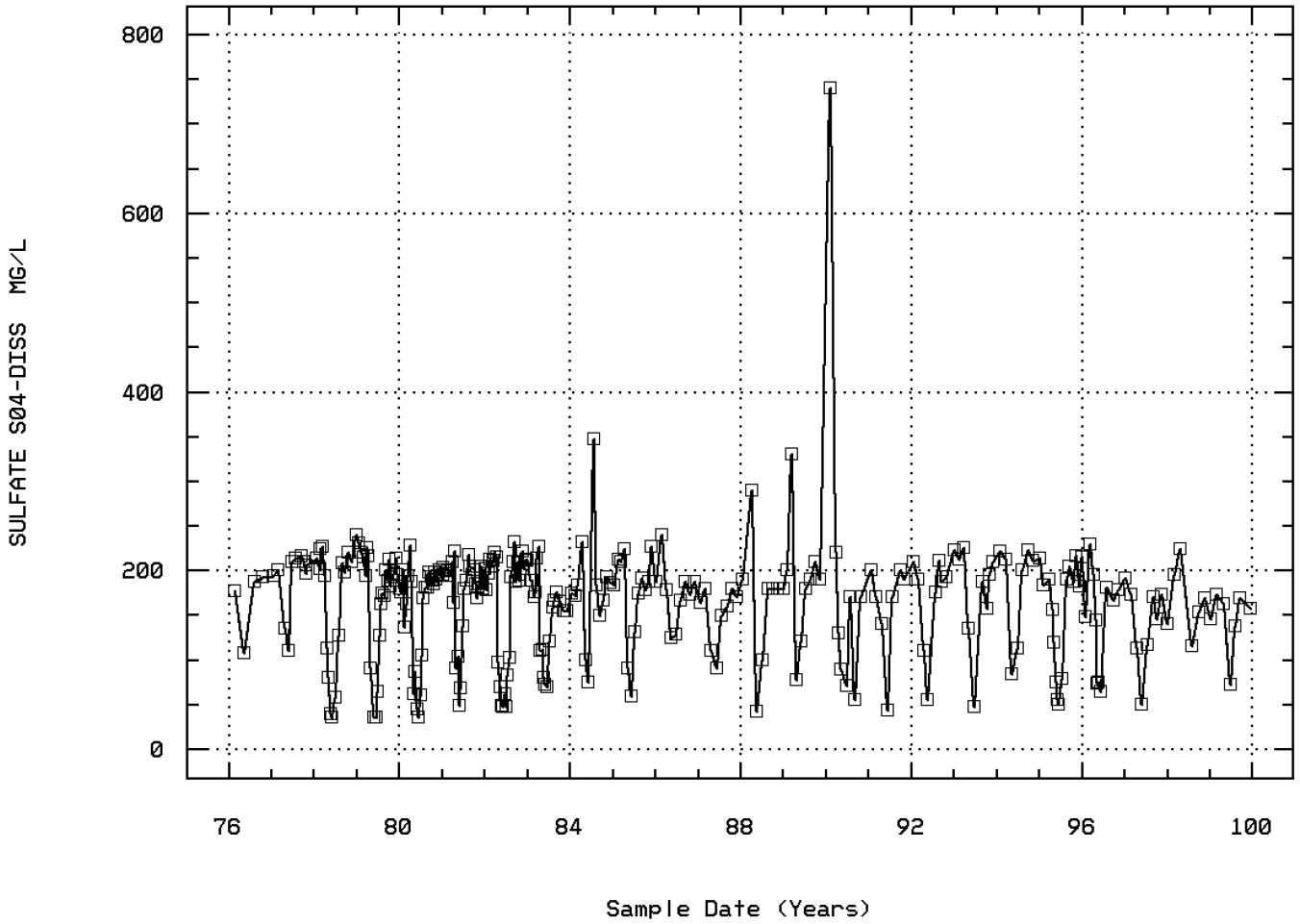
GREEN R AT DINOSAUR NATL MONUMENT U149



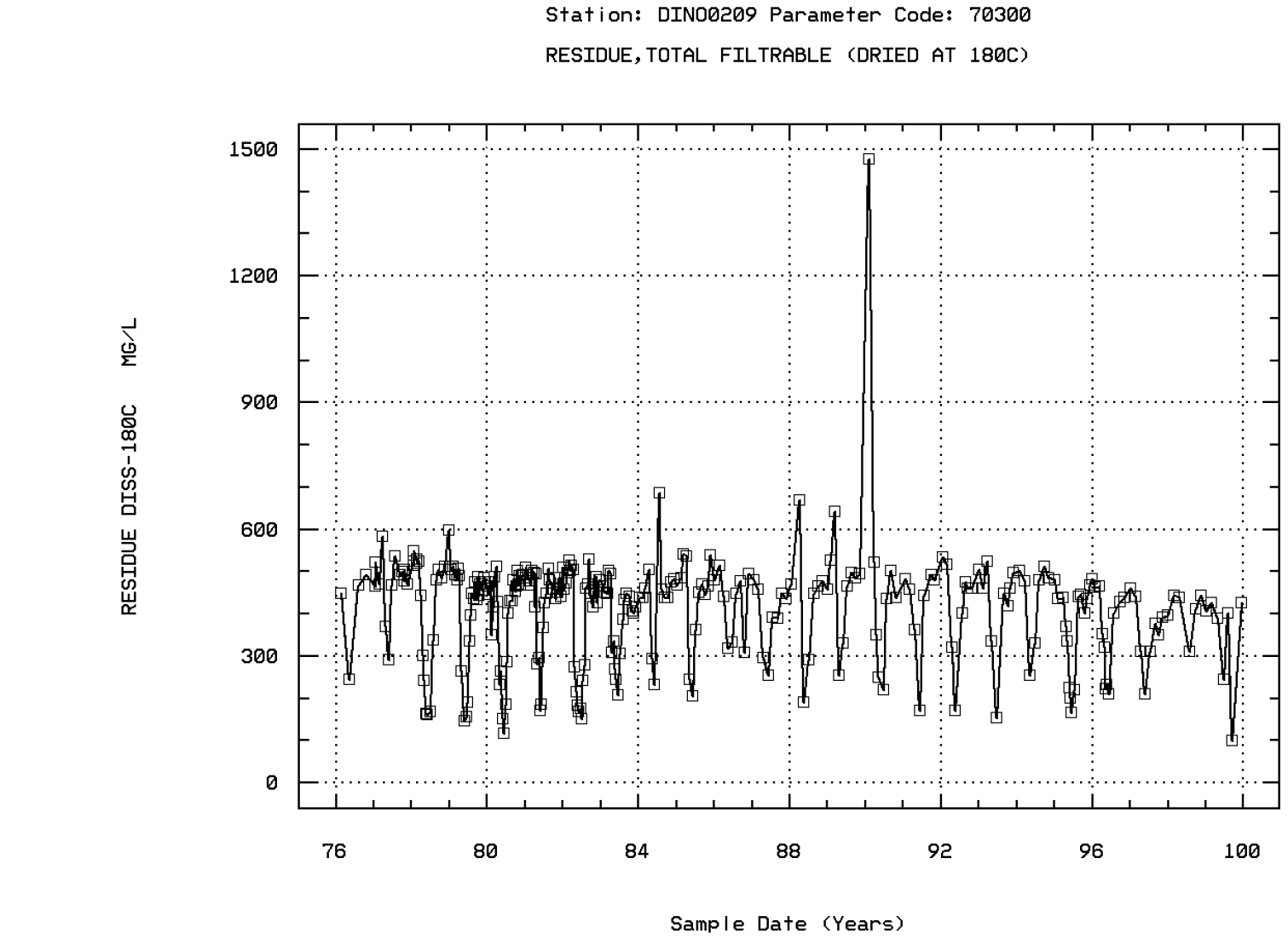
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00946

SULFATE, DISSOLVED (MG/L AS SO4)



GREEN R AT DINOSAUR NATL MONUMENT U149



GREEN R AT DINOSAUR NATL MONUMENT U149

Annual Analysis for 1976 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	7	1.7	3.3	7.	1.3	5.693	2.386	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	8	2990.	4525.	11900.	2000.	11692685.714	3419.457	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	4	23.5	52.5	150.	13.	4251.	65.2	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	8	692.5	658.75	1060.	340.	53891.071	232.145	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	5	10.	10.04	11.2	8.8	1.128	1.062	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	5	1.	1.6	3.	1.	0.8	0.894	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	5	20.	25.6	52.	12.	242.8	15.582	**	**	**	**
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	7	8.3	7.914	8.6	6.6	0.571	0.756	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	7	8.3	7.295	8.6	6.6	1.019	1.01	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	7	0.005	0.051	0.251	0.003	0.009	0.093	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	8	35.5	39.5	75.	12.	674.571	25.973	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	5	8.5	8.52	8.6	8.4	0.007	0.084	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	5	8.5	8.513	8.6	8.4	0.007	0.084	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	5	0.003	0.003	0.004	0.003	0.	0.001	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	4	150.5	139.5	159.	98.	785.667	28.03	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	4	183.	170.	194.	120.	1144.	33.823	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	5	255.	480.	1660.	20.	460937.5	678.924	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	5	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	7	0.55	0.504	0.7	0.25	0.033	0.181	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	5	1.2	1.22	2.2	0.2	0.712	0.844	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	4	248.	226.5	260.	150.	2675.667	51.727	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	4	65.	60.	70.	40.	184.	13.565	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	4	19.	18.5	24.	12.	30.333	5.508	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	4	56.5	50.25	65.	23.	347.583	18.644	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	4	3.	3.	4.	2.	0.667	0.816	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	4	22.	19.	24.	8.	54.667	7.394	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	4	182.	166.25	193.	108.	1551.583	39.39	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	4	0.32	0.318	0.41	0.22	0.008	0.088	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	4	6.5	6.25	8.	4.	4.25	2.062	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	4	45.	49.	70.	36.	230.667	15.188	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	6	166.5	641.	2400.	90.	848522.4	921.153	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	6	2.174	2.437	3.38	1.954	0.369	0.608	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			273.329								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	5	40.	38.2	93.	9.	1178.7	34.332	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	5	1.602	1.416	1.968	0.954	0.2	0.447	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			26.075								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	4	456.	411.	490.	242.	13017.333	114.094	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	4	1.995	2.538	5.6	0.56	5.058	2.249	**	**	**	**

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

Annual Analysis for 1977 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	11	5.6	8.591	19.	1.7	36.535	6.044	1.76	2.5	13.7	18.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	13	2920.	3317.692	6690.	1270.	3428669.231	1851.667	1298.	1530.	4380.	6690.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	10	12.	29.11	130.	5.2	1679.037	40.976	5.28	8.175	33.	124.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	14	740.	715.786	900.	520.	14436.335	120.151	530.	645.	792.5	895.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	7	11.2	10.7	13.	8.9	2.773	1.665	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	10	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.	1.9
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	8	12.5	13.	20.	6.	20.286	4.504	**	**	**	**
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	13	8.5	8.454	8.7	8.	0.034	0.185	8.12	8.35	8.6	8.66
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	13	8.5	8.412	8.7	8.	0.036	0.19	8.12	8.35	8.6	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	13	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.004	0.008

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

Annual Analysis for 1977 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	20	2.	2.1	3.	1.	0.305	0.553	1.1	2.	2.	3.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	8	8.4	8.338	8.6	7.9	0.071	0.267	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	8	8.389	8.26	8.6	7.9	0.078	0.279	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	8	0.004	0.005	0.013	0.003	0.	0.004	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	10	153.	147.5	162.	110.	331.611	18.21	110.8	141.25	159.5	161.9
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	10	186.	180.	198.	134.	495.111	22.251	135.	174.	194.5	197.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	10	32.5	114.	370.	10.	21154.444	145.446	11.	20.	272.5	367.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	7	0.1	0.443	2.3	0.1	0.676	0.822	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	2	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	13	0.5	0.427	0.6	0.1	0.029	0.172	0.1	0.325	0.55	0.6
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	9	0.5	0.667	1.3	0.1	0.213	0.461	0.1	0.25	1.15	1.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	7	0.05	0.056	0.08	0.05	0.	0.011	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	6	5.	5.5	12.	2.	12.7	3.564	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	10	262.	246.4	272.	164.	1433.6	37.863	166.4	239.	266.	272.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	10	64.	61.1	67.	42.	75.878	8.711	42.6	59.25	66.25	67.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	10	24.	22.6	25.	14.	14.933	3.864	14.3	21.5	25.	25.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	10	63.	59.8	96.	28.	337.067	18.359	28.8	51.75	65.75	93.2
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	10	3.	2.7	5.	1.	1.122	1.059	1.1	2.	3.	4.8
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	10	20.	17.8	24.	2.	51.067	7.146	3.	12.	24.	24.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	10	203.	189.1	216.	110.	1319.656	36.327	112.5	179.25	211.	215.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	10	0.285	0.291	0.36	0.21	0.002	0.046	0.213	0.27	0.328	0.359
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	10	5.	6.6	20.	4.	23.156	4.812	4.	4.	6.25	18.7
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	10	200.	193.	225.	110.	1206.667	34.737	116.5	178.75	220.	224.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	5	2.	2.	4.	1.	1.5	1.225	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	11	210.	564.727	4300.	21.	1564233.818	1250.693	21.4	23.	430.	3526.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	11	2.322	2.158	3.633	1.322	0.528	0.727	1.33	1.362	2.633	3.433
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			143.959								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	7	40.	73.286	230.	4.	7054.571	83.991	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	7	1.602	1.586	2.362	0.602	0.337	0.58	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			38.508								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	13	476.	471.692	582.	290.	5383.231	73.371	321.2	465.	512.	563.6
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	5	0.04	0.038	0.07	0.01	0.001	0.028	**	**	**	**
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	10	0.355	1.466	7.4	0.15	5.899	2.429	0.16	0.288	1.638	7.09

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Annual Analysis for 1978 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	11	13.	11.209	20.8	0.5	49.131	7.009	0.9	4.5	17.	20.44
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	19	2460.	4111.053	13500.	1250.	13619943.275	3690.521	1360.	1790.	5760.	11900.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	14	86.	255.143	1500.	12.	170132.286	412.471	12.	23.5	300.	1065.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	10	720.	599.5	855.	210.	54780.278	234.052	217.	340.	772.5	847.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	17	740.	618.235	800.	210.	47152.941	217.147	242.	410.	780.	800.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	9	8.8	9.3	13.	6.1	3.62	1.903	6.1	8.4	10.4	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	11	1.	1.364	5.	1.	1.455	1.206	1.	1.	1.	4.2
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	9	13.	23.333	94.	4.	764.75	27.654	4.	11.	25.5	94.
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	18	8.3	8.311	8.8	7.9	0.05	0.225	7.99	8.1	8.425	8.62
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	18	8.3	8.259	8.8	7.9	0.053	0.231	7.99	8.1	8.425	8.62
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	18	0.005	0.006	0.013	0.002	0.	0.003	0.002	0.004	0.008	0.01
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	30	2.	1.933	5.	1.	0.892	0.944	1.	1.	2.	2.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	8	8.1	8.075	8.5	7.7	0.071	0.266	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	8	8.1	8.007	8.5	7.7	0.076	0.276	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	8	0.008	0.01	0.02	0.003	0.	0.006	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	15	146.	126.	164.	66.	1353.571	36.791	66.	92.	157.	162.8
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	15	178.	153.6	200.	80.	2035.543	45.117	80.	112.	192.	198.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	12	142.5	475.333	2920.	30.	680717.697	825.056	31.5	51.25	545.5	2347.

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Annual Analysis for 1978 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	9	0.1	0.311	1.9	0.1	0.356	0.597	0.1	0.1	0.15	1.9
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	5	0.05	0.038	0.05	0.02	0.	0.016	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	15	0.5	0.497	1.15	0.1	0.08	0.283	0.16	0.25	0.6	1.06
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	9	0.6	1.289	6.3	0.3	3.609	1.9	0.3	0.45	1.05	6.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	10	0.425	0.419	0.85	0.04	0.071	0.267	0.046	0.175	0.575	0.845
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	10	0.065	0.115	0.3	0.03	0.012	0.108	0.03	0.038	0.21	0.3
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	6	12.	17.5	51.	3.	340.7	18.458	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	15	232.	206.4	276.	88.	4847.543	69.624	95.2	140.	268.	276.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	15	58.	50.333	70.	22.	283.524	16.838	23.2	34.	64.	67.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	15	21.	19.6	32.	8.	53.543	7.317	8.6	13.	27.	29.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	15	60.	52.4	84.	14.	567.971	23.832	15.2	30.	69.	80.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	15	3.	2.8	4.	1.	1.029	1.014	1.6	2.	4.	4.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	15	23.	18.867	32.	4.	92.124	9.598	4.	10.	27.	30.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	15	198.	156.6	227.	35.	5293.971	72.76	38.	80.	213.	225.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	15	0.28	0.265	0.4	0.12	0.007	0.084	0.132	0.19	0.33	0.382
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	15	7.	7.467	13.	3.	10.552	3.248	3.	5.	11.	11.8
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	15	135.	130.667	175.	100.	567.381	23.82	100.	105.	150.	163.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	5	5.	3.8	5.	2.	2.7	1.643	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	7	0.5	0.714	1.5	0.5	0.155	0.393	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	12	23.	68.417	230.	23.	6175.72	78.586	23.	23.	85.	230.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	12	1.362	1.638	2.362	1.362	0.157	0.396	1.362	1.362	1.927	2.362
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			43.459								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	12	840.	1816.25	7500.	75.	4925550.568	2219.358	97.5	230.	2400.	6540.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	12	2.922	2.908	3.875	1.875	0.401	0.633	1.965	2.362	3.38	3.803
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			809.839								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	17	484.	408.059	548.	160.	21275.809	145.862	161.6	270.	520.	532.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	10	0.02	0.023	0.05	0.01	0.	0.012	0.01	0.018	0.03	0.048
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	12	2.	2.833	10.	1.	5.424	2.329	1.3	2.	3.	7.9
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	8	0.125	0.135	0.3	0.05	0.006	0.076	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	4	4.5	4.5	5.	4.	0.333	0.577	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	4	10.	11.25	15.	10.	6.25	2.5	**	**	**	**
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	11	10.	13.091	50.	5.	167.091	12.926	5.	5.	10.	44.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	15	1.	2.829	17.1	0.29	18.199	4.266	0.326	0.45	3.8	9.96
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	4	20.	17.5	20.	10.	25.	5.	**	**	**	**
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	13	120.	213.462	1300.	20.	117059.936	342.14	22.	32.5	235.	920.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	6	0.1	0.117	0.2	0.1	0.002	0.041	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-10/11/83	5	25.	29.	40.	25.	42.5	6.519	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	4	5.	5.	5.	5.	0.	0.	**	**	**	**
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	11	25.	30.	110.	10.	860.	29.326	10.	10.	40.	97.

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Annual Analysis for 1979 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	17	6.5	9.947	25.	0.5	75.466	8.687	0.5	2.55	18.75	24.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	26	3680.	4381.923	11100.	1610.	7917528.154	2813.81	1665.	2202.5	5957.5	9392.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	23	24.	192.352	1000.	4.3	114319.215	338.111	5.56	14.	190.	1000.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	18	687.5	607.5	755.	120.	34765.441	186.455	210.	587.5	705.	750.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	23	730.	647.826	860.	220.	34074.605	184.593	252.	600.	755.	792.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	15	9.8	9.853	13.6	5.5	4.324	2.079	6.58	8.7	11.2	13.3
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	16	1.	1.563	7.	0.5	2.363	1.537	0.5	1.	2.	3.5
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	23	21.	19.826	55.	5.	148.423	12.183	5.	10.	25.	34.4
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	24	8.4	8.454	8.8	8.	0.047	0.217	8.2	8.3	8.6	8.8
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	24	8.4	8.403	8.8	8.	0.05	0.223	8.2	8.3	8.6	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	24	0.004	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.005	0.006
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	19	1.	1.474	4.	1.	0.708	0.841	1.	1.	2.	3.

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Annual Analysis for 1979 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	15	8.2	8.213	8.6	7.6	0.086	0.292	7.78	8.	8.5	8.6
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	15	8.2	8.117	8.6	7.6	0.095	0.309	7.78	8.	8.5	8.6
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	15	0.006	0.008	0.025	0.003	0.	0.006	0.003	0.003	0.01	0.018
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	23	149.	137.739	167.	66.	872.292	29.535	74.2	136.	156.	161.6
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	23	174.	162.348	204.	76.	1238.419	35.191	87.6	154.	184.	190.
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	15	4.	4.267	6.	2.	2.21	1.486	2.	4.	6.	6.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	19	8.	30.105	149.	1.	1825.655	42.728	1.	2.	42.	111.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	24 ##	0.05	0.094	0.4	0.05	0.008	0.088	0.05	0.05	0.1	0.25
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	23 ##	0.025	0.029	0.1	0.025	0.	0.016	0.025	0.025	0.025	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	23	0.4	0.517	1.3	0.05	0.107	0.326	0.15	0.3	0.7	1.08
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	23	0.4	0.604	1.5	0.1	0.187	0.432	0.14	0.3	0.8	1.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	23	0.2	0.302	0.85	0.05	0.044	0.21	0.1	0.15	0.5	0.63
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	23	0.07	0.179	0.92	0.02	0.047	0.216	0.024	0.04	0.27	0.464
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	5	5.	4.1	6.	0.5	5.55	2.356	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	23	240.	224.522	292.	84.	3640.806	60.339	96.	216.	264.	281.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	23	59.	55.13	77.	24.	201.028	14.178	25.2	53.	64.	67.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	23	22.	20.913	30.	6.	38.083	6.171	8.2	20.	25.	26.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	23	60.	55.565	78.	12.	334.893	18.3	18.2	50.	69.	74.2
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	23	2.	2.652	6.	1.	1.419	1.191	1.4	2.	3.	4.6
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	23	22.	19.913	34.	3.	58.447	7.645	5.8	18.	23.	28.6
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	23	194.	172.913	240.	35.	3698.81	60.818	46.6	162.	215.	228.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	23	0.24	0.235	0.4	0.1	0.006	0.076	0.118	0.19	0.26	0.352
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	23	5.	5.957	10.	3.	3.316	1.821	4.	5.	7.	9.6
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	23	120.	124.565	195.	75.	742.984	27.258	91.	105.	135.	165.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	22 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	23 ##	0.5	0.478	0.5	0.25	0.005	0.072	0.35	0.5	0.5	0.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	16	430.	1247.5	9300.	90.	5114873.333	2261.609	132.	215.	930.	4470.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	16	2.633	2.751	3.968	1.954	0.262	0.512	2.11	2.332	2.968	3.557
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			563.758								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	16 ##	25.75	67.	430.	11.5	12428.933	111.485	11.5	11.5	62.5	290.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	16 ##	1.331	1.481	2.633	1.061	0.262	0.512	1.061	1.061	1.784	2.443
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			30.236								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	24	462.	408.125	596.	144.	16947.766	130.184	150.	349.25	487.75	508.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	23 ##	0.01	0.017	0.05	0.01	0.	0.011	0.01	0.01	0.02	0.036
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	23	1.	1.348	4.	0.5	0.737	0.859	0.5	1.	2.	2.6
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	23 ##	0.025	0.04	0.18	0.025	0.002	0.04	0.025	0.025	0.025	0.116
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	23 ##	0.5	0.935	2.5	0.5	0.53	0.728	0.5	0.5	1.	2.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	23 ##	7.5	9.022	32.	1.5	65.352	8.084	1.9	5.	10.	26.
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	23	7.	11.196	57.	2.5	152.403	12.345	2.5	2.5	15.	26.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	23	0.81	1.903	7.15	0.05	4.899	2.213	0.208	0.55	2.6	6.71
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	23 ##	2.5	4.587	12.5	2.5	10.174	3.19	2.5	2.5	5.	10.
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	23	35.	97.848	490.	2.5	17518.896	132.359	7.	25.	120.	360.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	23 ##	0.05	0.139	1.1	0.05	0.05	0.223	0.05	0.05	0.15	0.3
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-10/11/83	23 ##	12.5	17.217	60.	5.	141.723	11.905	7.	10.	25.	30.6
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	23 ##	2.5	3.043	5.	2.5	1.112	1.054	2.5	2.5	2.5	5.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	23	20.	33.609	140.	2.5	1527.226	39.08	3.5	15.	36.	120.

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Annual Analysis for 1980 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	16	11.8	11.363	21.	1.5	38.444	6.2	2.2	5.375	16.2	20.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	25	2140.	4097.6	12100.	1270.	12672394.	3559.831	1462.	1775.	6090.	11120.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	25	46.	277.24	1000.	2.9	158195.09	397.737	5.42	9.9	535.	1000.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	18	665.	576.778	850.	215.	35982.654	189.691	264.5	397.5	694.75	793.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	25	695.	617.8	800.	195.	32239.75	179.554	280.	522.5	740.	766.

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Annual Analysis for 1980 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	15	7.4	7.867	13.	5.6	3.868	1.967	5.72	6.3	8.8	11.5
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	25	20.	23.76	67.	4.5	340.461	18.452	7.5	7.5	35.	54.
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	24	1.	1.208	3.	1.	0.259	0.509	1.	1.	1.	2.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	14	8.2	8.229	8.9	7.8	0.136	0.369	7.8	7.875	8.525	8.75
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	14	8.2	8.1	8.9	7.8	0.154	0.392	7.8	7.875	8.525	8.75
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	14	0.006	0.008	0.016	0.001	0.	0.006	0.002	0.003	0.013	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	25	144.	129.64	159.	59.	838.49	28.957	74.6	110.5	153.	154.8
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	25	168.	154.32	186.	68.	1164.227	34.121	88.4	133.	179.	186.
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	17	2.	2.706	4.	2.	0.971	0.985	2.	2.	4.	4.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	21	147.	836.238	4492.	11.	1566737.99	1251.694	21.	68.5	1486.	2833.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	25	## 0.05	0.078	0.3	0.05	0.003	0.052	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	25	## 0.025	0.027	0.05	0.025	0.	0.007	0.025	0.025	0.025	0.035
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	25	0.3	0.362	1.45	0.1	0.087	0.295	0.124	0.2	0.425	0.81
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	25	0.4	0.488	2.2	0.1	0.146	0.382	0.26	0.35	0.5	0.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	25	0.25	0.34	1.5	0.05	0.095	0.308	0.1	0.175	0.35	0.81
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	25	0.06	0.294	1.58	0.01	0.18	0.425	0.023	0.03	0.41	1.006
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	24	4.7	5.3	14.6	1.7	11.013	3.319	2.15	2.825	6.375	11.75
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	25	240.	211.6	270.	78.	3418.	58.464	101.6	176.	256.	265.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	25	58.	53.68	74.	21.	197.56	14.056	27.	47.	62.	69.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	25	20.	18.76	30.	6.	48.19	6.942	8.4	12.5	25.	27.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	25	58.	52.68	93.	11.	376.393	19.401	18.	44.5	63.	71.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	25	3.	2.8	5.	1.	1.083	1.041	1.	2.	3.	4.4
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	25	21.	20.72	38.	5.	48.46	6.961	9.6	15.5	24.5	28.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	25	181.	157.32	228.	35.	3177.477	56.369	53.6	120.5	194.	200.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	25	0.23	0.22	0.31	0.11	0.003	0.055	0.116	0.185	0.25	0.28
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	25	7.	6.4	11.	3.	5.083	2.255	4.	4.5	8.	10.
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	25	125.	124.96	179.	78.	362.04	19.027	105.	112.5	135.	150.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	25	## 2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	25	## 0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	4	2365.	3557.5	9300.	200.	18193891.667	4265.43	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	4	3.133	3.134	3.968	2.301	0.63	0.794	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1361.797								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	4	## 50.75	85.75	230.	11.5	10617.417	103.041	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	4	## 1.507	1.609	2.362	1.061	0.429	0.655	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			40.676								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	25	445.	395.08	512.	116.	13985.243	118.259	170.4	317.	477.	496.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	25	## 0.01	0.029	0.2	0.01	0.002	0.043	0.01	0.01	0.03	0.076
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	25	2.	1.92	6.	0.5	2.181	1.477	0.5	0.75	2.5	4.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	25	0.06	0.079	0.39	0.025	0.007	0.082	0.025	0.025	0.095	0.174
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	25	## 0.5	0.82	5.	0.5	0.872	0.934	0.5	0.5	0.75	1.4
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	25	## 2.5	5.	26.	2.5	36.125	6.01	2.5	2.5	2.5	14.6
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	25	## 5.	13.36	51.	5.	143.573	11.982	5.	5.	19.5	30.2
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	25	0.76	3.456	16.5	0.15	24.176	4.917	0.258	0.385	5.7	12.44
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	25	## 5.	7.08	23.	2.5	28.285	5.318	2.5	5.	7.5	16.6
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	25	55.	224.96	1170.	5.	102598.373	320.31	5.	19.	452.	741.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	24	## 0.05	0.142	0.5	0.05	0.021	0.143	0.05	0.05	0.2	0.45
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-10/11/83	25	## 5.	11.84	37.	5.	92.64	9.625	5.	5.	15.	30.8
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	25	## 1.	1.64	5.	1.	2.24	1.497	1.	1.	1.	5.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	25	36.	44.72	160.	2.5	1356.356	36.829	4.	20.	54.5	100.4

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Annual Analysis for 1981 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	22	10.1	11.009	22.7	0.1	54.675	7.394	0.76	5.3	17.525	22.28
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	25	1960.	2524.4	8600.	1500.	2291325.667	1513.713	1602.	1655.	2690.	4154.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	25	26.	94.56	1000.	0.8	40197.11	200.492	7.12	13.5	97.5	232.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	23	697.	636.304	770.	225.	21976.221	148.244	346.8	580.	727.	763.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	25	700.	653.88	770.	255.	20082.693	141.713	382.	656.	747.5	760.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	21	9.6	9.324	13.1	6.6	2.698	1.643	7.	8.	10.25	11.56
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	3	2.	1.833	3.	0.5	1.583	1.258	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	25	15.	15.16	34.	7.5	62.036	7.876	7.5	7.5	21.5	26.2
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	25	1.	1.56	4.	1.	0.59	0.768	1.	1.	2.	2.4
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	21	8.3	8.252	8.7	7.	0.139	0.372	7.92	8.05	8.5	8.68
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	21	8.3	7.996	8.7	7.	0.208	0.456	7.92	8.05	8.5	8.68
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	21	0.005	0.01	0.1	0.002	0.	0.021	0.002	0.003	0.009	0.012
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	25	149.	144.6	162.	74.	395.667	19.891	112.	143.	158.	161.
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	25	181.	174.08	196.	90.	589.327	24.276	136.	169.5	190.	194.8
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	10	2.	2.9	6.	1.	2.544	1.595	1.1	2.	4.25	5.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	18	59.	221.111	1180.	0.	112222.34	334.996	0.	24.5	354.25	746.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	25 ##	0.05	0.062	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	19 ##	0.025	0.024	0.025	0.005	0.	0.005	0.025	0.025	0.025	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	19	0.25	0.278	0.6	0.05	0.026	0.161	0.1	0.15	0.3	0.55
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	24	0.3	0.446	1.4	0.1	0.103	0.32	0.1	0.3	0.575	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	23	0.25	0.266	0.6	0.025	0.03	0.173	0.035	0.15	0.3	0.55
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	25	0.06	0.073	0.3	0.01	0.004	0.065	0.025	0.025	0.1	0.15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	25	7.	8.616	33.1	0.5	54.905	7.41	2.14	3.65	10.85	19.2
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	25	250.	233.64	280.	100.	2299.24	47.95	142.	233.	263.5	270.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	25	60.	56.28	72.	27.	136.043	11.664	34.6	53.5	64.	66.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	25	24.	22.44	30.	7.	31.09	5.576	12.6	21.	26.	27.2
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	25	59.	53.96	70.	15.	198.957	14.105	25.6	52.5	62.	65.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	25	3.	2.64	3.	1.	0.407	0.638	1.6	2.	3.	3.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	25	22.	20.32	26.	4.	34.893	5.907	9.4	18.	24.5	26.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	25	188.	172.88	222.	49.	2174.443	46.631	81.8	166.5	201.5	212.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	19	0.25	0.245	0.3	0.13	0.002	0.048	0.14	0.23	0.27	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	19	5.	6.211	24.	3.	21.398	4.626	3.	4.	6.	10.
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	19	125.	127.895	175.	100.	561.988	23.706	100.	110.	140.	170.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	18 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	24 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	10	430.	1606.	9300.	150.	8896582.222	2982.714	150.	195.	1397.5	8800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	10	2.633	2.717	3.968	2.176	0.367	0.606	2.176	2.286	2.883	3.935
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			521.429								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	12	20.75	31.375	90.	9.	693.597	26.336	9.75	11.5	40.	84.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	12	1.269	1.362	1.954	0.954	0.126	0.356	0.986	1.061	1.602	1.921
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			22.998								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	25	458.	427.68	508.	170.	9115.893	95.477	241.6	421.	488.	503.6
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	19 ##	0.01	0.014	0.04	0.01	0.	0.008	0.01	0.01	0.02	0.03
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	24	1.	1.354	3.	0.5	0.358	0.599	1.	1.	2.	2.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	24 ##	0.025	0.052	0.13	0.015	0.001	0.037	0.025	0.025	0.08	0.11
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	25 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	25 ##	2.5	2.8	10.	2.5	2.25	1.5	2.5	2.5	2.5	2.5
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	25 ##	5.	7.8	25.	5.	35.583	5.965	5.	5.	7.5	19.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	24	0.745	1.843	12.58	0.23	7.408	2.722	0.26	0.395	1.863	5.125
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	25 ##	2.5	3.3	10.	2.5	4.542	2.131	2.5	2.5	2.5	7.
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	25	35.	71.8	360.	5.	8024.75	89.581	10.	15.	90.	217.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	24 ##	0.05	0.063	0.2	0.05	0.001	0.034	0.05	0.05	0.05	0.1
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-10/11/83	25 ##	5.	6.6	20.	5.	14.	3.742	5.	5.	5.	12.
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	25 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	25	20.	35.3	115.	2.5	741.833	27.237	10.	15.	57.5	67.

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

Annual Analysis for 1982 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	21	10.	10.01	22.2	0.2	45.215	6.724	2.42	3.4	16.6	20.66
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	26	3985.	5046.923	12500.	1700.	8896486.154	2982.698	2325.	3060.	6417.5	10310.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	24	76.75	122.688	500.	8.5	17787.371	133.369	9.7	25.5	174.	362.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	23	688.	594.391	761.	222.	34473.613	185.671	238.	458.	715.	744.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	25	695.	569.28	785.	210.	42735.877	206.727	253.	342.5	722.5	751.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	21	9.9	9.467	12.9	5.4	4.14	2.035	6.32	7.75	11.2	11.76
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	20 ##	0.75	0.9	3.	0.5	0.384	0.62	0.5	0.5	1.	1.9
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	24	13.	12.917	30.	4.	46.645	6.83	4.5	7.5	17.5	22.
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	12	8.4	8.383	8.5	8.2	0.016	0.127	8.2	8.225	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	12	8.4	8.366	8.5	8.2	0.016	0.128	8.2	8.225	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	12	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.006	0.006
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	26	2.	1.923	4.	1.	0.714	0.845	1.	1.	2.	3.3
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	23	8.2	8.265	8.9	7.7	0.079	0.281	7.94	8.	8.5	8.66
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	23	8.2	8.183	8.9	7.7	0.086	0.293	7.94	8.	8.5	8.66
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	23	0.006	0.007	0.02	0.001	0.	0.004	0.002	0.003	0.01	0.012
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	25	146.	132.72	175.	64.	1032.46	32.132	73.6	108.5	152.	159.8
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	26	178.	158.846	210.	78.	1672.055	40.891	83.6	125.	184.5	194.6
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	22	148.5	304.227	1800.	0.	209527.898	457.742	6.	21.25	346.5	1154.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	25 ##	0.05	0.062	0.2	0.05	0.001	0.033	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	19 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	19	0.1	0.141	0.5	0.025	0.016	0.128	0.025	0.025	0.2	0.3
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	25	0.5	0.64	3.	0.1	0.342	0.585	0.26	0.3	0.7	1.24
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	25	0.1	0.138	0.5	0.025	0.015	0.122	0.025	0.05	0.2	0.32
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	25	0.25	0.268	1.65	0.01	0.098	0.313	0.025	0.125	0.3	0.45
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	25	7.6	9.936	29.4	3.3	44.685	6.685	3.56	5.2	14.25	20.32
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	25	258.	221.72	280.	88.	4359.46	66.026	98.8	157.	265.	274.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	24	60.	52.708	66.	24.	204.911	14.315	27.	41.25	63.75	65.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	25	24.	21.8	37.	7.	65.583	8.098	7.6	13.	27.	28.8
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	25	59.	48.56	70.	12.	375.923	19.389	14.6	27.5	61.5	65.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	26	3.	2.538	4.	1.	0.738	0.859	1.	2.	3.	3.3
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	26	21.	17.538	27.	4.	57.698	7.596	4.	10.75	23.	24.3
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	26	196.	163.231	232.	47.	4336.425	65.852	48.4	93.25	211.25	220.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	19	0.26	0.246	0.44	0.12	0.005	0.071	0.16	0.18	0.28	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	19	6.	6.053	11.	3.	5.83	2.415	3.	4.	7.	10.
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	18	125.	137.778	430.	60.	6106.536	78.144	73.5	108.75	141.25	200.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	19 ##	2.5	2.947	11.	2.5	3.803	1.95	2.5	2.5	2.5	2.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	26 ##	0.25	0.394	2.5	0.25	0.196	0.443	0.25	0.25	0.5	0.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	18	1065.	1966.111	11600.	90.	7936754.575	2817.225	189.	285.	2400.	6560.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	18	3.024	2.963	4.064	1.954	0.322	0.567	2.266	2.453	3.38	3.807
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			918.021								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	9	76.	139.111	400.	11.5	26879.736	163.95	11.5	11.5	315.	400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	9	1.881	1.743	2.602	1.061	0.476	0.69	1.061	1.061	2.482	2.602
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			55.37								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	25	458.	392.76	528.	150.	17912.773	133.839	170.8	256.	499.	518.8
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	19	0.1	0.108	0.35	0.01	0.009	0.097	0.01	0.025	0.2	0.2
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	26	1.5	1.673	5.	0.25	1.074	1.036	0.775	1.	2.	3.15
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	26	0.075	0.58	13.	0.025	6.421	2.534	0.025	0.025	0.108	0.213
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	26 ##	0.5	0.577	2.	0.5	0.094	0.306	0.5	0.5	0.5	0.65
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	26 ##	2.5	2.962	7.	2.5	1.338	1.157	2.5	2.5	2.5	5.
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	26 ##	5.	7.5	20.	5.	20.5	4.528	5.	5.	10.	15.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	26	1.405	2.29	10.05	0.21	6.099	2.47	0.227	0.58	3.273	5.888
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	26 ##	2.5	4.192	15.	2.5	13.722	3.704	2.5	2.5	3.125	11.5
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	26	82.5	122.654	645.	10.	17973.675	134.066	18.5	36.25	162.	275.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	26 ##	0.05	0.075	0.5	0.05	0.008	0.089	0.05	0.05	0.05	0.1
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-10/11/83	26 ##	5.	7.577	25.	5.	30.654	5.537	5.	5.	6.25	17.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	26 ##	1.	1.038	2.	1.	0.038	0.196	1.	1.	1.	1.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	26	20.	24.212	65.	2.5	229.283	15.142	8.5	10.	35.	43.7

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

Annual Analysis for 1983 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	19	9.4	9.563	18.6	0.1	39.584	6.292	0.4	4.4	14.9	18.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	20	4870.	8153.	24700.	3170.	44312201.053	6656.741	3237.	3822.5	9247.5	21440.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	20	106.05	250.95	850.	9.	85764.013	292.855	9.92	17.9	360.5	833.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	19	612.	577.211	791.	309.	19905.62	141.087	354.	452.	690.	744.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	20	625.	581.75	755.	355.	14666.513	121.105	366.	467.5	667.5	707.5
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	18	8.4	9.072	13.2	7.	2.555	1.598	7.45	7.9	10.25	11.31
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	19	1.	1.184	4.	0.5	0.978	0.989	0.5	0.5	2.	3.
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	20	10.5	16.	80.	5.	283.789	16.846	5.	5.	20.25	30.4
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	18	8.35	8.339	8.6	7.7	0.047	0.217	8.06	8.2	8.5	8.6
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	18	8.347	8.274	8.6	7.7	0.052	0.227	8.06	8.2	8.5	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	18	0.004	0.005	0.02	0.003	0.	0.004	0.003	0.003	0.006	0.009
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	20	2.	2.45	4.	1.	0.787	0.887	2.	2.	3.	4.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	18	8.3	8.189	9.3	6.8	0.415	0.644	6.98	8.	8.5	9.21
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	18	8.3	7.672	9.3	6.8	0.698	0.836	6.98	8.	8.5	9.21
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	18	0.005	0.021	0.158	0.001	0.002	0.042	0.001	0.003	0.01	0.106
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	20	146.	134.1	157.	84.	630.095	25.102	85.6	108.	153.25	156.
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	20	178.	163.3	190.	102.	927.695	30.458	104.	132.	187.	189.8
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	20	214.5	612.3	4098.	0.	1016396.642	1008.165	9.2	24.	660.5	1985.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	20 ##	0.05	0.055	0.1	0.005	0.	0.022	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	5	0.15	0.138	0.24	0.01	0.008	0.091	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	20	0.3	0.39	1.	0.1	0.042	0.205	0.12	0.3	0.5	0.69
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	20	0.15	0.156	0.34	0.01	0.006	0.079	0.08	0.09	0.195	0.278
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	19	0.24	0.29	1.04	0.005	0.1	0.316	0.01	0.06	0.45	1.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	20	6.7	6.41	14.2	1.	10.329	3.214	2.12	3.65	8.3	10.54
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	20	226.	209.65	270.	88.	2555.713	50.554	116.6	176.5	249.	263.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	20	56.	52.15	67.	31.	127.082	11.273	32.3	42.75	61.25	65.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	20	20.5	19.	25.	2.	33.158	5.758	9.4	16.5	22.75	24.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	20	50.	47.85	69.	20.	201.818	14.206	22.9	33.5	60.	61.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	20	3.	2.75	4.	2.	0.303	0.55	2.	2.	3.	3.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	20	17.	15.55	25.	5.	40.576	6.37	6.	8.5	19.75	23.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	20	161.5	153.2	226.	69.	2097.326	45.797	72.8	114.25	184.75	212.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	5	0.22	0.232	0.3	0.17	0.002	0.05	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	5	10.	9.2	12.	5.	7.7	2.775	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	3	153.	201.	315.	135.	9828.	99.136	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	5 ##	2.5	6.3	14.	2.5	29.075	5.392	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	20 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	14	500.	1217.143	4800.	40.	2652421.978	1628.626	70.	100.	1700.	4700.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	14	2.69	2.684	3.681	1.602	0.433	0.658	1.801	2.	3.213	3.672
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			482.901								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	9	100.	169.778	600.	8.	38428.444	196.032	8.	28.	300.	600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	9	2.	1.891	2.778	0.903	0.439	0.662	0.903	1.292	2.477	2.778
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			77.724								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	20	423.	393.4	502.	207.	7449.2	86.309	246.4	314.5	449.5	492.4
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	5	0.02	0.07	0.24	0.01	0.009	0.097	**	**	**	**
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	20	2.	2.5	7.5	1.2	2.667	1.633	1.5	1.5	2.875	6.15
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	20	0.095	0.097	0.2	0.025	0.003	0.054	0.025	0.055	0.15	0.16
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	20 ##	0.5	0.7	3.	0.5	0.326	0.571	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	20 ##	2.5	6.025	50.	2.5	114.67	10.708	2.5	2.5	4.375	12.6
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	20	10.	10.75	25.	5.	37.566	6.129	5.	5.	15.	20.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	20	1.575	3.015	12.2	0.19	12.028	3.468	0.251	0.395	3.925	10.532
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	20 ##	2.5	4.925	12.	2.5	9.823	3.134	2.5	2.5	7.	10.8
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	20	115.	201.25	945.	5.	71752.303	267.866	10.	22.5	193.75	787.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	19 ##	0.05	0.053	0.1	0.05	0.	0.011	0.05	0.05	0.05	0.05
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-10/11/83	17 ##	5.	11.647	47.	5.	129.993	11.401	5.	5.	14.5	33.4
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	20 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	20	20.	22.	60.	2.5	252.368	15.886	2.5	10.	35.	44.5

** - 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

Annual Analysis for 1984 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	10	11.5	11.26	21.1	2.6	45.718	6.762	2.69	3.575	17.45	20.93
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	13	4610.	7574.231	31200.	2770.	63961828.526	7997.614	3096.	3695.	6475.	25640.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	13	230.	181.331	450.	6.7	28910.119	170.03	8.02	11.	335.5	420.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	10	627.	597.8	766.	341.	15322.4	123.784	350.3	557.	658.75	760.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	13	680.	669.615	980.	340.	24835.256	157.592	380.	612.5	732.5	910.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	10	8.85	8.96	11.8	6.7	2.745	1.657	6.74	7.475	10.425	11.67
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	10	1.	1.	2.	0.5	0.167	0.408	0.5	0.875	1.	1.9
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	13	16.	13.923	35.	5.	93.744	9.682	5.	5.	20.	30.2
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	10	8.3	8.24	8.4	8.1	0.016	0.126	8.1	8.1	8.325	8.4
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	10	8.3	8.223	8.4	8.1	0.016	0.128	8.1	8.1	8.325	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	10	0.005	0.006	0.008	0.004	0.	0.002	0.004	0.005	0.008	0.008
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	13	2.	2.538	4.	2.	0.436	0.66	2.	2.	3.	3.6
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	10	8.25	8.3	8.5	8.1	0.02	0.141	8.11	8.2	8.425	8.5
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	10	8.247	8.28	8.5	8.1	0.02	0.143	8.11	8.2	8.425	8.5
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	10	0.006	0.005	0.008	0.003	0.	0.002	0.003	0.004	0.006	0.008
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	13	156.	150.462	179.	108.	391.936	19.797	109.6	147.	161.5	173.
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	13	190.	183.385	218.	132.	584.256	24.171	133.6	179.	197.	210.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	13	151.	459.462	2230.	31.	407839.603	638.623	32.6	38.	721.5	1770.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	13	0.1	0.077	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	10 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	10	0.295	0.387	0.89	0.08	0.056	0.237	0.096	0.263	0.6	0.861
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	13	1.5	1.2	3.2	0.3	0.76	0.872	0.3	0.35	1.65	2.68
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	3	0.28	0.317	0.4	0.27	0.005	0.072	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	13	0.1	0.267	1.1	0.03	0.099	0.315	0.034	0.05	0.43	0.908
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	13	8.7	9.446	20.1	3.4	20.073	4.48	3.6	6.5	12.15	17.62
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	13	250.	252.462	390.	156.	3035.436	55.095	164.	240.	264.	350.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	13	61.	59.	85.	35.	135.667	11.648	37.8	56.5	62.5	76.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	13	26.	25.538	43.	17.	43.436	6.591	17.4	22.	27.	38.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	13	52.	49.385	66.	21.	156.423	12.507	23.4	46.5	57.5	62.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	13	3.	2.808	4.	0.5	0.814	0.902	1.1	2.5	3.	4.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	13	19.	18.077	36.	5.	55.41	7.444	5.8	15.	20.	30.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	13	184.	181.231	347.	75.	4144.526	64.378	84.6	158.5	193.	301.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	11 ##	0.25	0.282	0.6	0.25	0.011	0.106	0.25	0.25	0.25	0.53
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	8	650.	836.25	2300.	40.	681369.643	825.451	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	8	2.812	2.576	3.362	1.602	0.495	0.704	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			376.728								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	4	376.	418.	880.	40.	166416.	407.941	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	4	2.428	2.35	2.944	1.602	0.404	0.635	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			224.122								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	13	456.	446.923	686.	232.	11135.577	105.525	256.4	436.5	478.	613.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	10 ##	0.008	0.046	0.37	0.005	0.013	0.114	0.005	0.005	0.02	0.335
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	11	2.	2.	4.	0.25	1.288	1.135	0.25	1.5	3.	3.8
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	11	0.05	0.048	0.1	0.025	0.001	0.023	0.025	0.025	0.06	0.094
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	11 ##	2.5	2.727	5.	2.5	0.568	0.754	2.5	2.5	2.5	4.5
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	11	10.	12.727	30.	5.	91.818	9.582	5.	5.	25.	29.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	11	0.44	2.081	10.11	0.08	9.533	3.087	0.102	0.19	3.8	9.016
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	11 ##	2.5	3.682	13.	2.5	10.114	3.18	2.5	2.5	2.5	11.4
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	11	25.	120.909	635.	15.	35254.091	187.761	15.	15.	170.	560.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	11 ##	0.05	0.091	0.5	0.05	0.018	0.136	0.05	0.05	0.05	0.41
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	11	20.	25.455	100.	5.	737.273	27.153	5.	10.	30.	88.

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

Annual Analysis for 1985 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	11	9.3	10.8	22.2	1.2	45.644	6.756	1.6	5.4	16.6	21.76
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	8	3359.	5404.875	14670.	2226.	20034169.554	4475.955	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	12	16.	89.042	500.	5.5	22143.839	148.808	6.85	10.75	155.25	416.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	12	655.5	626.583	811.	282.	26345.174	162.312	306.3	561.5	737.75	810.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	12	732.5	682.333	908.	295.	32578.97	180.496	323.5	607.5	778.75	896.6
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	11	9.1	8.736	10.3	6.3	1.627	1.275	6.52	7.7	9.6	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	9	1.	1.	2.	0.5	0.375	0.612	0.5	0.5	1.5	2.
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	11	15.	13.818	28.	5.	54.764	7.4	5.	5.	20.	26.6
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	8	8.1	8.05	8.3	7.5	0.057	0.239	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	8	8.1	7.975	8.3	7.5	0.064	0.252	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	8	0.008	0.011	0.032	0.005	0.	0.009	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	12	1.	1.	2.	0.	0.545	0.739	0.	0.25	1.75	2.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	11	8.2	8.218	8.6	7.5	0.108	0.328	7.6	8.1	8.6	8.6
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	11	8.2	8.089	8.6	7.5	0.126	0.355	7.6	8.1	8.6	8.6
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	11	0.006	0.008	0.032	0.003	0.	0.008	0.003	0.003	0.008	0.027
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	12	153.5	145.25	177.	78.	870.205	29.499	84.	135.5	162.75	175.8
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	12	186.	176.25	216.	96.	1298.205	36.031	102.9	161.5	198.5	214.8
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	12	0.	0.333	1.	0.	0.242	0.492	0.	0.	1.	1.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	11	76.	197.545	916.	22.	86624.473	294.32	23.6	38.	169.	858.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	12	0.245	0.352	0.99	0.05	0.104	0.323	0.053	0.093	0.502	0.966
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	11	0.4	0.536	1.4	0.2	0.173	0.415	0.2	0.3	0.5	1.38
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	12	0.055	0.238	0.98	0.02	0.12	0.346	0.023	0.04	0.55	0.902
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	11	4.	6.245	21.5	2.9	31.527	5.615	3.	3.4	5.4	19.54
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	12	265.5	245.583	283.	133.	2342.992	48.404	145.9	216.5	275.75	282.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	12	61.	56.25	66.	30.	124.023	11.137	33.6	48.25	62.75	65.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	12	27.5	25.417	31.	14.	27.174	5.213	14.9	22.75	29.	30.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	12	55.5	52.583	71.	17.	313.174	17.697	17.9	46.5	65.25	71.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	12	3.	3.333	7.	2.	1.697	1.303	2.	3.	3.75	6.1
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	12	22.5	20.	28.	6.	52.182	7.224	6.3	16.5	25.	27.4
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	12	185.5	172.333	227.	59.	2777.515	52.702	68.6	141.75	211.5	226.1
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	12 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	7	200.	935.429	5000.	0.	3329079.619	1824.577	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	7	2.301	2.05	3.699	0.	1.546	1.243	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			112.211								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	6	14.	72.667	368.	0.	21161.067	145.468	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	6	1.102	1.062	2.566	0.	0.978	0.989	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11.535								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	12	465.	433.333	540.	204.	12091.152	109.96	216.	381.	523.	539.4
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	12	0.04	0.143	0.61	0.01	0.038	0.195	0.013	0.03	0.275	0.547
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	12	1.25	1.208	3.	0.25	0.771	0.878	0.25	0.25	1.875	2.7
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	12 ##	0.038	0.054	0.12	0.025	0.002	0.039	0.025	0.025	0.095	0.12
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	12 ##	2.5	2.542	3.	2.5	0.021	0.144	2.5	2.5	2.5	2.85
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	12 ##	10.	11.667	20.	10.	15.152	3.892	10.	10.	10.	20.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	12	0.3	0.609	2.39	0.06	0.467	0.684	0.099	0.255	0.87	2.108
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	12 ##	2.5	3.833	11.	2.5	9.742	3.121	2.5	2.5	2.5	10.7
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	12	27.5	107.083	430.	5.	22079.356	148.591	9.5	21.25	190.	410.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	12 ##	0.05	0.071	0.2	0.05	0.002	0.05	0.05	0.05	0.05	0.185
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	12	15.	15.833	50.	5.	171.97	13.114	5.	5.	20.	42.5

** - 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

Annual Analysis for 1986 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	8	10.3	10.938	19.6	0.6	46.917	6.85	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	9	4414.	6981.889	18230.	1002.	32238909.111	5677.932	1002.	3146.	11512.	18230.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	9	18.	82.633	360.	7.5	13425.135	115.867	7.5	11.6	131.5	360.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	8	659.	643.875	795.	477.	12734.125	112.846	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	9	647.	651.889	820.	490.	11503.361	107.254	490.	562.5	720.	820.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	8	8.5	8.4	9.7	7.4	0.651	0.807	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	6	1.	1.083	2.	0.5	0.242	0.492	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	7	15.	19.714	35.	5.	133.905	11.572	**	**	**	**
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	6	8.05	8.067	8.2	8.	0.007	0.082	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	6	8.047	8.061	8.2	8.	0.007	0.082	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	6	0.009	0.009	0.01	0.006	0.	0.002	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	9	1.	1.556	3.	1.	0.528	0.726	1.	1.	2.	3.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	8	8.1	7.988	8.4	7.	0.207	0.455	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	8	8.089	7.702	8.4	7.	0.3	0.548	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	8	0.008	0.02	0.1	0.004	0.001	0.033	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	9	147.	142.444	160.	109.	321.278	17.924	109.	129.	155.5	160.
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	9	180.	174.	196.	134.	459.	21.424	134.	158.	188.	196.
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	9	0.	0.111	1.	0.	0.111	0.333	0.	0.	0.	1.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	9	97.	203.889	646.	34.	49977.111	223.556	34.	39.5	399.5	646.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	9 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	9	0.17	0.296	1.01	0.03	0.104	0.323	0.03	0.045	0.495	1.01
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	9	0.4	0.928	5.1	0.05	2.503	1.582	0.05	0.3	0.75	5.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	9	0.07	1.039	8.	0.03	6.843	2.616	0.03	0.039	0.42	8.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	9	4.4	5.711	19.	3.	25.166	5.017	3.	3.65	4.65	19.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	9	246.7	236.544	280.	175.	1233.283	35.118	175.	206.	261.6	280.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	9	56.	55.211	62.9	43.	46.251	6.801	43.	49.5	61.	62.9
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	9	24.	24.044	31.	17.	21.568	4.644	17.	20.	27.2	31.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	9	54.	51.556	70.	30.	153.278	12.381	30.	41.5	60.5	70.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	9	3.	2.911	4.	2.	0.371	0.609	2.	2.5	3.1	4.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	9	20.	16.222	23.	1.	52.694	7.259	1.	11.5	21.5	23.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	9	178.	174.822	240.	125.	1169.934	34.204	125.	148.	187.2	240.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	9 ##	0.25	0.306	0.5	0.25	0.012	0.11	0.25	0.25	0.375	0.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	6	125.	685.	2120.	0.	923270.	960.869	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	6	1.962	2.014	3.326	0.	1.539	1.24	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			103.241								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	6	3.	26.	140.	0.	3132.8	55.971	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	6	0.452	0.675	2.146	0.	0.665	0.816	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.73								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	9	446.	422.667	514.	306.	6702.	81.866	306.	324.	487.	514.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	9	0.05	0.119	0.39	0.01	0.02	0.141	0.01	0.02	0.25	0.39
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	9	1.5	1.222	2.	0.25	0.554	0.744	0.25	0.375	2.	2.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	9	0.06	0.049	0.08	0.025	0.001	0.024	0.025	0.025	0.071	0.08
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	0.5	0.611	1.	0.5	0.049	0.22	0.5	0.5	0.75	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	2.5	5.611	19.	2.5	29.986	5.476	2.5	2.5	7.	19.
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	9 ##	10.	11.111	20.	10.	11.111	3.333	10.	10.	10.	20.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	9	0.52	1.8	5.17	0.13	3.906	1.976	0.13	0.26	3.615	5.17
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	2.5	3.167	6.	2.5	1.813	1.346	2.5	2.5	3.75	6.
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	9	45.	79.222	248.	15.	7056.944	84.006	15.	18.	144.5	248.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	1.	1.056	2.	0.5	0.153	0.391	0.5	1.	1.	2.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	9	15.	17.444	55.	5.	265.028	16.28	5.	5.	23.5	55.

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

Annual Analysis for 1987 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	7	13.8	12.214	22.6	1.3	74.971	8.659	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	8	2962.5	3036.25	5354.	1880.	1312309.357	1145.561	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	8	26.	138.3	500.	1.5	49945.477	223.485	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	7	641.	588.571	700.	425.	12486.952	111.745	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	8	647.	611.75	700.	433.	10744.214	103.654	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	7	8.4	8.7	11.3	7.2	2.773	1.665	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	6 ##	1.25	1.917	5.	0.5	3.342	1.828	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	8 ##	7.	13.5	26.	7.	82.857	9.103	**	**	**	**
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	8	8.25	8.1	8.3	7.6	0.074	0.273	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	8	8.247	8.015	8.3	7.6	0.083	0.287	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	8	0.006	0.01	0.025	0.005	0.	0.007	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	8	1.5	2.125	6.	1.	2.982	1.727	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	7	7.9	7.943	8.5	7.4	0.146	0.382	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	7	7.9	7.81	8.5	7.4	0.167	0.408	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	7	0.013	0.015	0.04	0.003	0.	0.013	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	8	146.	141.5	168.	104.	534.	23.108	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	8	173.5	171.375	206.	128.	750.839	27.401	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	8	0.	0.5	2.	0.	0.571	0.756	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	8	69.5	429.625	2940.	0.	1032852.839	1016.294	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	8 ##	0.025	0.038	0.1	0.025	0.001	0.027	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	8 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	8	0.04	0.163	0.7	0.005	0.059	0.243	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	8	0.5	0.863	3.7	0.3	1.34	1.158	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	8	0.055	0.386	1.74	0.02	0.428	0.654	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	8	3.6	4.113	7.7	1.3	3.401	1.844	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	8	228.55	199.05	265.8	85.7	5170.631	71.907	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	8	54.5	52.25	63.	36.	101.643	10.082	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	8	23.	22.625	27.	16.	15.411	3.926	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	8	51.5	47.25	59.	28.	149.357	12.221	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	8	3.	2.75	3.	2.	0.214	0.463	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	8	21.5	19.05	25.	9.4	29.591	5.44	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	8	162.	150.5	180.	90.	1099.143	33.153	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	8 ##	0.25	0.625	2.5	0.25	0.643	0.802	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	5	500.	510.	1300.	50.	253000.	502.991	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	5	2.699	2.458	3.114	1.699	0.344	0.587	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			287.083								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	5	20.	21.6	60.	0.	612.8	24.755	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	5	1.301	0.905	1.778	0.	0.713	0.844	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			8.04								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	8	412.	392.5	478.	252.	6516.286	80.724	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	8	0.03	0.244	1.055	0.003	0.174	0.418	**	**	**	**
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	8	1.75	2.263	6.	0.55	3.236	1.799	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	8	0.075	0.13	0.37	0.059	0.013	0.113	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	8 ##	0.5	0.625	1.	0.5	0.054	0.231	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	8 ##	2.5	4.375	15.	2.5	19.196	4.381	**	**	**	**
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	8 ##	10.	15.25	33.	10.	95.643	9.78	**	**	**	**
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	8	0.63	5.113	23.	0.28	78.075	8.836	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	8 ##	2.5	4.688	20.	2.5	38.281	6.187	**	**	**	**
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	8	38.	249.125	1100.	15.	174879.268	418.186	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	8 ##	0.075	0.07	0.1	0.01	0.001	0.035	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	8 ##	8.75	32.25	95.	5.	1313.	36.235	**	**	**	**

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

Annual Analysis for 1988 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	7	15.1	11.9	20.8	0.2	67.257	8.201	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	7	2610.	3414.286	10300.	1260.	10025128.571	3166.248	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	7	9.8	101.586	325.	4.3	22043.988	148.472	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	7	706.	634.	868.	267.	38644.667	196.582	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	7	706.	635.	893.	252.	43552.	208.691	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	7	9.4	9.014	13.4	5.5	6.278	2.506	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	7	14.	18.857	58.	7.	313.143	17.696	**	**	**	**
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	7	8.3	8.257	8.5	8.	0.03	0.172	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	7	8.3	8.228	8.5	8.	0.031	0.175	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	7	0.005	0.006	0.01	0.003	0.	0.002	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	7	1.	1.143	2.	0.	0.476	0.69	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	7	8.2	8.043	8.4	6.9	0.263	0.513	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	7	8.2	7.636	8.4	6.9	0.456	0.675	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	7	0.006	0.023	0.126	0.004	0.002	0.045	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	7	155.	143.143	170.	80.	1080.476	32.871	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	7	182.	171.571	208.	97.	1543.952	39.293	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	7	0.	1.286	4.	0.	2.905	1.704	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	7	0.	219.857	876.	0.	123613.476	351.587	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	7 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	2	0.72	0.72	1.18	0.26	0.423	0.651	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	7	0.3	0.5	1.7	0.1	0.323	0.569	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	7	0.06	0.201	0.86	0.009	0.097	0.312	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	7	3.5	3.914	5.9	2.9	1.108	1.053	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	7	254.2	233.714	334.2	104.4	5675.161	75.334	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	7	59.	53.857	68.	27.	217.81	14.758	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	7	26.	24.143	40.	9.	93.81	9.686	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	7	56.	50.429	77.	13.	431.619	20.775	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	7	3.	2.857	4.	2.	0.476	0.69	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	7	22.	20.9	29.	3.5	78.87	8.881	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	7	180.	166.	290.	42.	6045.333	77.752	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	7 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	4	150.	260.	700.	40.	94133.333	306.812	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	4	2.079	2.151	2.845	1.602	0.325	0.57	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			141.703								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	4	19.	19.	36.	2.	305.333	17.474	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	4	1.142	1.035	1.556	0.301	0.366	0.605	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			10.843								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	7	464.	429.143	668.	190.	23146.476	152.14	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	2	0.14	0.14	0.25	0.03	0.024	0.156	**	**	**	**
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	7	3.	2.971	4.5	1.5	1.406	1.186	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	7	0.074	0.096	0.2	0.069	0.002	0.048	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	2.5	3.571	10.	2.5	8.036	2.835	**	**	**	**
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	7	0.16	1.987	10.	0.077	13.12	3.622	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	2.5	3.571	10.	2.5	8.036	2.835	**	**	**	**
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	7	15.	116.286	450.	13.	27935.571	167.139	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	7 ##	10.	17.	47.	10.	195.	13.964	**	**	**	**

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

Annual Analysis for 1989 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	8	12.7	11.888	23.3	0.8	64.998	8.062	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	7	1500.	3084.286	6560.	1080.	6316728.571	2513.31	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	9	47.	204.944	1000.	4.7	102779.963	320.593	4.7	14.4	272.5	1000.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	9	755.	688.333	811.	358.	25683.	160.259	358.	592.	788.5	811.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	9	743.	691.111	869.	354.	27045.361	164.455	354.	603.	774.5	869.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	9	8.4	9.044	11.4	7.5	1.968	1.403	7.5	7.85	10.4	11.4
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	9 ##	7.	8.	15.	7.	6.938	2.634	7.	7.	7.5	15.
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	9	8.2	8.178	8.4	8.	0.017	0.13	8.	8.05	8.25	8.4
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	9	8.2	8.161	8.4	8.	0.017	0.131	8.	8.05	8.25	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	9	0.006	0.007	0.01	0.004	0.	0.002	0.004	0.006	0.009	0.01
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	9	1.	1.111	2.	1.	0.111	0.333	1.	1.	1.	2.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	9	8.3	8.278	8.8	7.	0.294	0.543	7.	8.1	8.65	8.8
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	9	8.3	7.825	8.8	7.	0.525	0.724	7.	8.1	8.65	8.8
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	9	0.005	0.015	0.1	0.002	0.001	0.032	0.002	0.002	0.008	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	9	155.	146.444	175.	92.	835.778	28.91	92.	126.5	167.5	175.
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	9	189.	177.778	214.	112.	1232.694	35.11	112.	151.5	203.	214.
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	9	0.	0.444	3.	0.	1.028	1.014	0.	0.	0.5	3.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	9	89.	329.111	928.	0.	127994.111	357.763	0.	46.	679.5	928.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	9 ##	0.025	0.029	0.06	0.003	0.	0.017	0.003	0.025	0.038	0.06
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	9	0.5	0.583	1.2	0.05	0.128	0.357	0.05	0.35	0.9	1.2
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	9	0.043	0.046	0.084	0.02	0.	0.019	0.02	0.033	0.059	0.084
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	9	3.8	4.044	5.5	3.	0.765	0.875	3.	3.35	4.9	5.5
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	9	259.2	256.933	422.6	134.2	6501.773	80.634	134.2	204.55	279.9	422.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	9	61.	62.111	110.	34.	449.611	21.204	34.	49.	66.	110.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	9	26.	24.778	36.	12.	49.694	7.049	12.	20.	28.	36.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	9	62.	53.667	69.	22.	279.25	16.711	22.	38.	66.5	69.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	9	3.	2.778	3.	2.	0.194	0.441	2.	2.5	3.	3.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	9	27.	21.044	28.5	5.5	95.51	9.773	5.5	9.7	27.5	28.5
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	9	190.	186.444	330.	78.	4703.778	68.584	78.	150.	205.	330.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	9 ##	0.5	0.672	2.5	0.25	0.483	0.695	0.25	0.375	0.525	2.5
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	9	484.	460.444	640.	252.	12495.778	111.785	252.	394.	511.	640.
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	9 ##	2.5	2.278	5.	0.5	1.569	1.253	0.5	1.5	2.5	5.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	9	0.089	0.097	0.14	0.072	0.001	0.026	0.072	0.075	0.125	0.14
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	2.5	2.778	5.	2.5	0.694	0.833	2.5	2.5	2.5	5.
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	9	1.1	1.798	3.9	0.13	2.734	1.653	0.13	0.265	3.5	3.9
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	2.5	3.056	5.	2.5	1.215	1.102	2.5	2.5	3.75	5.
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	9	47.	139.667	370.	15.	19829.	140.815	15.	19.	265.	370.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	9 ##	10.	13.778	30.	10.	58.444	7.645	10.	10.	17.	30.

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Annual Analysis for 1990 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	9	13.1	12.444	24.3	0.	74.56	8.635	0.	4.75	20.5	24.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	8	1815.	2370.	4150.	1140.	1620285.714	1272.904	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	8	28.	57.75	190.	2.	4755.929	68.963	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	9	672.	621.333	884.	310.	34442.	185.586	310.	450.	745.	884.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	8	683.5	746.625	1810.	355.	210110.554	458.378	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	9	8.8	9.033	11.8	7.2	2.223	1.491	7.2	7.9	10.05	11.8
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	5 ##	7.	7.	7.	7.	0.	0.	**	**	**	**

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Annual Analysis for 1990 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	8	7.95	7.975	8.3	7.5	0.068	0.26	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	8	7.947	7.902	8.3	7.5	0.074	0.272	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	8	0.011	0.013	0.032	0.005	0.	0.009	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	8	1.5	3.5	17.	1.	30.286	5.503	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	9	8.4	8.433	8.7	8.3	0.025	0.158	8.3	8.3	8.55	8.7
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	9	8.4	8.411	8.7	8.3	0.026	0.16	8.3	8.3	8.55	8.7
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	9	0.004	0.004	0.005	0.002	0.	0.001	0.002	0.003	0.005	0.005
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	8	148.	157.625	352.	82.	6942.268	83.32	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	8	180.5	192.625	430.	101.	10340.839	101.69	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	8	66.	138.25	429.	6.	27132.5	164.719	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	8 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	7	0.4	0.543	1.3	0.2	0.17	0.412	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	8	0.065	0.091	0.253	0.02	0.006	0.08	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	5	4.1	3.98	4.5	3.2	0.287	0.536	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	8	235.2	297.925	923.6	117.6	66795.814	258.449	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	8	55.5	71.375	230.	29.	4239.696	65.113	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	8	23.5	29.125	85.	11.	547.268	23.394	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	8	59.	56.5	98.	25.	576.571	24.012	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	8	3.	2.75	4.	2.	0.5	0.707	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	7	16.5	18.529	26.	9.9	47.949	6.925	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	8	150.	205.625	740.	55.	49776.268	223.106	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	8	436.	522.75	1476.	218.	160452.5	400.565	**	**	**	**
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	7	0.072	0.091	0.16	0.045	0.002	0.045	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	2.5	3.214	5.	2.5	1.488	1.22	**	**	**	**
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	8	0.685	1.813	5.3	0.19	4.687	2.165	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	2.5	2.857	5.	2.5	0.893	0.945	**	**	**	**
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	8	38.	77.375	220.	16.	6570.554	81.059	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	8 ##	10.	14.5	33.	10.	76.571	8.751	**	**	**	**

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Annual Analysis for 1991 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	7	13.1	12.557	21.5	3.5	44.88	6.699	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	8	2540.	3838.75	9510.	1000.	10160812.5	3187.603	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	7	35.	101.614	300.	2.3	14804.675	121.674	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	8	637.	565.375	756.	229.	45220.554	212.651	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	7	662.	620.857	798.	233.	35902.81	189.48	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	8	9.2	9.737	12.7	7.6	3.657	1.912	**	**	**	**
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	7	7.9	7.943	8.2	7.6	0.046	0.215	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	7	7.9	7.897	8.2	7.6	0.049	0.221	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	7	0.013	0.013	0.025	0.006	0.	0.006	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	7	2.	2.286	4.	1.	1.238	1.113	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	8	8.3	8.362	9.2	7.9	0.177	0.421	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	8	8.3	8.224	9.2	7.9	0.199	0.446	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	8	0.005	0.006	0.013	0.001	0.	0.004	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	7	142.	137.429	175.	66.	1216.286	34.875	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	7	173.	168.	214.	81.	1811.667	42.564	**	**	**	**

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Annual Analysis for 1991 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	7	128.	246.	840.	0.	91071.	301.78	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	7 ##	0.025	0.034	0.06	0.025	0.	0.015	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	7	0.35	0.443	1.2	0.18	0.129	0.359	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	2 ##	0.894	0.894	1.782	0.005	1.579	1.257	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	7	0.102	0.139	0.339	0.01	0.02	0.141	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	7	222.8	218.757	277.4	87.	3962.473	62.948	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	7	54.	52.286	65.	23.	195.905	13.997	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	7	22.	21.457	28.	7.2	46.663	6.831	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	7	61.	52.286	66.	14.	358.238	18.927	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	7	2.8	2.757	4.	1.2	0.693	0.832	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	7	17.	16.314	28.5	4.	88.021	9.382	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	7	170.	159.	200.	43.	3063.667	55.35	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	7	458.	411.429	490.	170.	13270.286	115.197	**	**	**	**
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	7	0.081	0.112	0.23	0.059	0.004	0.063	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	0.5	0.857	3.	0.5	0.893	0.945	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	7	1.7	2.306	8.	0.11	7.22	2.687	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	2.5	4.643	10.	2.5	13.393	3.66	**	**	**	**
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	7	83.	109.571	300.	8.	11487.952	107.182	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	7 ##	1.	1.214	2.5	1.	0.321	0.567	**	**	**	**
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	7 ##	10.	15.143	33.	10.	85.476	9.245	**	**	**	**

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Annual Analysis for 1992 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	8	10.9	11.288	23.2	2.	50.653	7.117	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	9	1880.	2573.333	5470.	1200.	2295100.	1514.959	1200.	1400.	3740.	5470.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	8	38.5	92.563	360.	8.5	15393.103	124.069	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	9	696.	654.778	809.	364.	21447.694	146.45	364.	564.5	746.	809.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	8	694.5	618.125	777.	265.	29062.411	170.477	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	9	9.5	9.811	12.4	7.3	2.534	1.592	7.3	8.8	11.2	12.4
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	8	8.1	8.1	8.3	7.9	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	8	8.1	8.079	8.3	7.9	0.02	0.143	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	8	0.008	0.008	0.013	0.005	0.	0.003	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	8	1.	1.25	3.	1.	0.5	0.707	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	9	8.3	8.222	8.4	7.8	0.034	0.186	7.8	8.15	8.35	8.4
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	9	8.3	8.18	8.4	7.8	0.036	0.191	7.8	8.15	8.35	8.4
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	9	0.005	0.007	0.016	0.004	0.	0.004	0.004	0.004	0.007	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	8	142.5	135.25	165.	72.	884.5	29.741	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	8	173.5	165.	201.	88.	1310.857	36.206	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	8	91.5	251.25	1014.	19.	121992.786	349.275	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	8 ##	0.025	0.039	0.067	0.025	0.	0.019	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	8	0.455	0.521	1.06	0.1	0.125	0.354	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	8	0.077	0.166	0.562	0.033	0.038	0.196	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	8	238.05	214.325	275.8	98.2	3261.876	57.113	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	8	57.5	51.75	66.	25.	176.214	13.275	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	8	23.	20.713	27.	8.7	34.09	5.839	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	8	60.	52.5	68.	19.	278.857	16.699	**	**	**	**

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

Annual Analysis for 1992 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	8	2.75	2.488	2.9	1.4	0.321	0.567	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	8	22.019	19.705	27.5	6.3	49.651	7.046	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	8	188.5	166.265	210.85	54.623	3039.131	55.128	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	8	460.	416.75	534.	170.	14449.071	120.204	**	**	**	**
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	3	0.18	0.161	0.23	0.074	0.006	0.08	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	3 ##	2.5	5.	10.	2.5	18.75	4.33	**	**	**	**
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	3	5.8	4.417	7.2	0.25	13.511	3.676	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	3	10.	7.5	10.	2.5	18.75	4.33	**	**	**	**
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	3	290.	227.667	370.	23.	33016.333	181.704	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	3	43.	34.	49.	10.	441.	21.	**	**	**	**

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Annual Analysis for 1993 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	9	6.8	8.156	20.3	0.2	54.588	7.388	0.2	1.45	15.15	20.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	9	2610.	3322.222	7340.	1210.	4717494.444	2171.979	1210.	1650.	5275.	7340.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	9	34.	158.089	1000.	7.8	103064.621	321.037	7.8	10.5	135.	1000.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	9	686.	757.333	2000.	235.	246313.75	496.3	235.	516.	747.	2000.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	9	719.	635.	763.	242.	31193.75	176.618	242.	553.	744.5	763.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	9	9.9	9.167	11.8	4.2	4.908	2.215	4.2	8.1	10.6	11.8
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	9	7.9	7.9	8.4	7.3	0.09	0.3	7.3	7.75	8.05	8.4
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	9	7.9	7.799	8.4	7.3	0.102	0.319	7.3	7.75	8.05	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	9	0.013	0.016	0.05	0.004	0.	0.014	0.004	0.009	0.018	0.05
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	9	3.	3.111	6.	1.	2.111	1.453	1.	2.	4.	6.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	9	8.3	8.411	9.5	8.	0.191	0.437	8.	8.15	8.45	9.5
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	9	8.3	8.294	9.5	8.	0.206	0.454	8.	8.15	8.45	9.5
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	9	0.005	0.005	0.01	0.	0.	0.003	0.	0.004	0.007	0.01
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	9	147.	137.667	170.	66.	1061.5	32.581	66.	121.5	161.	170.
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	9	180.	168.444	208.	81.	1585.528	39.819	81.	148.5	197.	208.
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	9	95.	472.778	3520.	15.	1311406.194	1145.166	15.	24.	195.5	3520.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	5	0.48	1.008	3.23	0.26	1.581	1.257	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	4	0.058	0.077	0.161	0.031	0.003	0.058	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	9	0.072	0.256	1.694	0.018	0.295	0.544	0.018	0.021	0.176	1.694
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	9	230.2	213.244	261.7	83.3	3017.81	54.935	83.3	195.85	250.1	261.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	9	56.	50.556	62.	21.	160.528	12.67	21.	45.5	59.	62.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	9	22.	21.167	26.	7.5	32.625	5.712	7.5	19.5	25.	26.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	9	60.	54.333	69.	16.	289.5	17.015	16.	47.5	65.	69.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	9	2.7	2.567	3.2	1.3	0.317	0.563	1.3	2.35	2.9	3.2
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	9	22.5	20.056	29.2	5.	55.85	7.473	5.	15.65	24.75	29.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	9	194.73	176.635	225.08	47.028	3260.142	57.098	47.028	146.035	217.09	225.08
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	9	460.	421.556	524.	152.	13340.778	115.502	152.	376.	500.	524.

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

Annual Analysis for 1994 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	7	14.4	13.643	26.3	0.8	79.81	8.934	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	7	2060.	3174.286	11000.	1300.	12095995.238	3477.93	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	7	3.5	18.286	56.	2.	472.155	21.729	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	7	759.	659.714	815.	287.	45605.571	213.555	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	7	764.	685.571	793.	394.	24988.286	158.077	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	7	8.8	8.343	11.4	5.2	5.086	2.255	**	**	**	**
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	7	8.	7.957	8.5	7.3	0.18	0.424	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	7	8.	7.784	8.5	7.3	0.215	0.463	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	7	0.01	0.016	0.05	0.003	0.	0.016	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	7	3.	4.429	12.	1.	15.619	3.952	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	7	8.5	8.514	8.6	8.4	0.008	0.09	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	7	8.5	8.506	8.6	8.4	0.008	0.09	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	7	0.003	0.003	0.004	0.003	0.	0.001	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	7	161.	147.429	166.	95.	760.286	27.573	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	7	196.	179.714	202.	116.	1121.905	33.495	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	7	11.	51.143	214.	8.	5747.143	75.81	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	7 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	7 ##	0.01	0.028	0.063	0.01	0.001	0.023	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	7	0.026	0.047	0.171	0.01	0.003	0.056	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	7	260.8	243.2	328.6	143.3	3922.373	62.629	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	7	60.	55.429	65.	36.	125.619	11.208	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	7	27.	23.143	27.	13.	33.476	5.786	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	7	65.	58.714	73.	30.	246.238	15.692	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	7	2.9	2.729	3.1	1.6	0.266	0.515	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	7	24.	22.	29.5	2.5	82.833	9.101	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	7	210.92	180.342	222.13	83.323	3295.759	57.409	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	7	478.	433.143	510.	254.	10038.476	100.192	**	**	**	**

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

Annual Analysis for 1995 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	14	10.3	10.941	22.	0.7	41.884	6.472	2.1	5.353	16.275	21.15
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	14	3255.	6199.286	17800.	1650.	36783207.143	6064.916	1690.	1820.	9635.	17450.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	14	31.5	83.332	330.	4.3	9886.478	99.431	4.95	8.438	176.25	260.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	14	610.	544.286	784.	240.	30900.374	175.785	251.5	356.5	669.25	747.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	14	617.5	557.5	768.	241.	31319.192	176.972	258.	360.25	694.	739.5
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	14	9.2	8.891	10.8	6.6	1.502	1.226	7.05	7.725	9.75	10.55
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	14	8.235	8.242	8.55	8.05	0.023	0.151	8.065	8.1	8.378	8.475
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	14	8.234	8.219	8.55	8.05	0.023	0.153	8.065	8.1	8.378	8.475
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	14	0.006	0.006	0.009	0.003	0.	0.002	0.003	0.004	0.008	0.009
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	14	1.	1.429	2.	1.	0.264	0.514	1.	1.	2.	2.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	14	8.4	8.331	8.54	7.9	0.033	0.181	8.	8.2	8.5	8.52
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	14	8.4	8.292	8.54	7.9	0.034	0.185	8.	8.2	8.5	8.52
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	14	0.004	0.005	0.013	0.003	0.	0.003	0.003	0.003	0.006	0.01
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	13	137.	123.077	161.	69.	1023.577	31.993	72.2	88.	148.	157.8
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	14	168.5	152.214	196.	84.	1484.797	38.533	89.	108.25	182.25	191.
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	14	73.5	172.571	932.	17.	63684.264	252.357	19.	29.5	207.	713.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	14 ##	0.025	0.087	0.653	0.025	0.027	0.165	0.025	0.025	0.07	0.378
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	2 ##	0.068	0.068	0.125	0.01	0.007	0.081	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	14	0.063	0.185	0.665	0.01	0.051	0.227	0.01	0.028	0.302	0.643
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	14	226.45	194.379	257.6	89.5	3612.159	60.101	95.7	120.1	238.5	252.15

** - 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

Annual Analysis for 1995 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	14	54.5	46.643	62.	23.	189.17	13.754	24.	30.	56.	60.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	14	22.	18.957	26.	7.8	40.136	6.335	8.7	11.	24.	25.5
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	14	54.	45.357	64.	16.	315.17	17.753	17.	23.75	59.	63.5
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	14	2.4	2.25	3.2	1.1	0.432	0.657	1.2	1.6	2.8	3.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	14	20.5	19.393	52.	4.5	157.891	12.565	4.75	8.375	25.125	41.75
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	14	182.26	149.854	216.6	50.27	3753.702	61.267	52.49	77.673	193.508	214.935
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	14	417.	360.143	478.	164.	12359.055	111.171	182.	222.5	441.	472.

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Annual Analysis for 1996 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	11	9.4	10.18	19.4	1.13	30.83	5.552	1.644	6.61	14.34	18.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	11	4580.	7252.727	17000.	2020.	33262881.818	5767.398	2034.	2640.	14600.	16600.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	11	43.	63.55	140.	5.16	3123.761	55.891	5.428	8.4	130.	138.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	11	635.	577.182	746.	325.	25155.164	158.604	330.4	384.	715.	743.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	11	629.	574.182	752.	323.	27197.964	164.918	325.8	363.	703.	747.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	11	9.07	9.195	10.9	7.99	1.133	1.064	8.012	8.18	10.3	10.8
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	11	8.43	8.32	8.6	7.98	0.043	0.208	7.984	8.13	8.45	8.58
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	11	8.43	8.272	8.6	7.98	0.046	0.214	7.984	8.13	8.45	8.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	11	0.004	0.005	0.01	0.003	0.	0.003	0.003	0.004	0.007	0.01
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	11	1.	1.182	2.	1.	0.164	0.405	1.	1.	1.	2.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	11	8.4	8.406	8.7	8.2	0.021	0.145	8.22	8.3	8.51	8.68
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	11	8.4	8.386	8.7	8.2	0.022	0.147	8.22	8.3	8.51	8.68
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	11	0.004	0.004	0.006	0.002	0.	0.001	0.002	0.003	0.005	0.006
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	11	141.	130.455	162.	80.	887.873	29.797	82.2	92.	153.	161.6
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	11	172.	158.909	197.	97.	1326.491	36.421	99.8	112.	186.	196.6
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	11	80.	94.209	235.	10.	5832.797	76.373	11.4	17.6	158.	226.66
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	11 ##	0.025	0.033	0.077	0.025	0.	0.018	0.025	0.025	0.025	0.074
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	3	0.02	0.027	0.05	0.01	0.	0.021	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	11	0.08	0.085	0.22	0.005	0.005	0.069	0.008	0.02	0.13	0.21
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	11	224.9	198.291	252.6	103.3	2965.213	54.454	105.98	132.6	232.5	252.26
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	11	51.6	47.591	61.	26.4	149.117	12.211	27.08	33.2	56.4	60.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	11	21.8	19.336	25.1	9.1	35.395	5.949	9.34	12.1	24.	25.08
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	11	52.4	43.455	63.	19.8	267.837	16.366	20.18	23.1	57.	62.08
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	11	2.3	2.238	3.18	1.08	0.512	0.716	1.084	1.56	2.8	3.126
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	11	20.	15.118	23.	0.8	61.674	7.853	1.94	8.	21.5	22.9
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	11	166.4	151.691	229.	64.8	3333.141	57.733	66.54	74.2	195.3	226.04
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	11	400.	364.182	482.	208.	10845.164	104.14	210.8	232.	462.	478.4

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Annual Analysis for 1997 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	8	11.05	11.169	22.4	0.	65.288	8.08	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	8	4070.	6655.	22500.	2220.	47408857.143	6885.409	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	8	17.3	52.236	178.	7.32	4339.512	65.875	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	8	548.	559.875	769.	289.	22156.696	148.851	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	8	588.	568.	754.	285.	21208.286	145.631	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	8	8.74	9.139	11.6	6.75	3.308	1.819	**	**	**	**

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Annual Analysis for 1997 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	8	8.395	8.315	8.53	7.99	0.036	0.191	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	8	8.395	8.275	8.53	7.99	0.038	0.195	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	8	0.004	0.005	0.01	0.003	0.	0.003	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	8	1.	1.125	2.	1.	0.125	0.354	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	8	8.46	8.436	8.72	8.18	0.03	0.173	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	8	8.458	8.407	8.72	8.18	0.031	0.176	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	8	0.003	0.004	0.007	0.002	0.	0.002	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	8	138.	132.625	161.	79.	700.268	26.463	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	8	168.5	161.625	196.	96.	1045.411	32.333	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	8	49.6	149.6	786.	18.8	67453.623	259.718	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	8 ##	0.025	0.029	0.056	0.025	0.	0.011	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	2 ##	0.739	0.739	1.228	0.25	0.478	0.691	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	2 ##	0.095	0.095	0.18	0.01	0.014	0.12	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	5	0.085	0.161	0.429	0.013	0.031	0.177	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	8	215.15	202.938	254.7	109.1	2189.12	46.788	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	8	52.75	49.625	61.2	27.5	122.388	11.063	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	8	20.3	19.231	24.8	9.85	21.859	4.675	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	8	43.75	41.363	59.1	16.	181.366	13.467	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	8	2.28	2.278	2.61	1.54	0.119	0.345	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	8	15.95	15.113	22.	5.	32.69	5.718	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	8	158.2	141.686	191.8	49.99	2173.329	46.619	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	8	362.	355.25	460.	208.	6517.643	80.732	**	**	**	**

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Annual Analysis for 1998 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	6	8.05	8.65	18.1	1.66	33.868	5.82	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	4	4600.	4867.5	6590.	3680.	1506825.	1227.528	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	6	38.15	78.117	318.	4.6	14584.97	120.768	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	6	627.	609.	688.	479.	4950.	70.356	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	6	628.5	617.333	692.	483.	5495.867	74.134	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	6	10.255	10.135	12.05	7.5	2.657	1.63	**	**	**	**
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	6	8.325	8.34	8.5	8.2	0.014	0.116	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	6	8.323	8.327	8.5	8.2	0.014	0.117	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	6	0.005	0.005	0.006	0.003	0.	0.001	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	6	1.	1.333	2.	1.	0.267	0.516	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	6	8.45	8.588	9.4	8.3	0.165	0.406	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	6	8.447	8.488	9.4	8.3	0.177	0.42	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	6	0.004	0.003	0.005	0.	0.	0.002	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	6	153.	149.5	162.	128.	141.1	11.879	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	6	186.5	182.333	198.	156.	212.267	14.569	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	6	50.6	111.433	415.	14.4	23545.607	153.446	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	6	0.064	0.093	0.286	0.01	0.011	0.104	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	6	239.95	234.083	266.2	178.7	889.55	29.825	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	6	58.1	56.217	61.	44.9	33.194	5.761	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	6	22.9	22.8	27.7	16.2	14.976	3.87	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	6	48.25	47.35	55.3	38.6	30.227	5.498	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	6	2.705	2.665	2.88	2.41	0.034	0.185	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	6	17.75	17.167	20.5	13.5	8.367	2.893	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	6	161.15	166.048	223.69	115.5	1508.972	38.845	**	**	**	**

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Annual Analysis for 1998 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	6	423.	406.	442.	310.	2564.8	50.644	**	**	**	**

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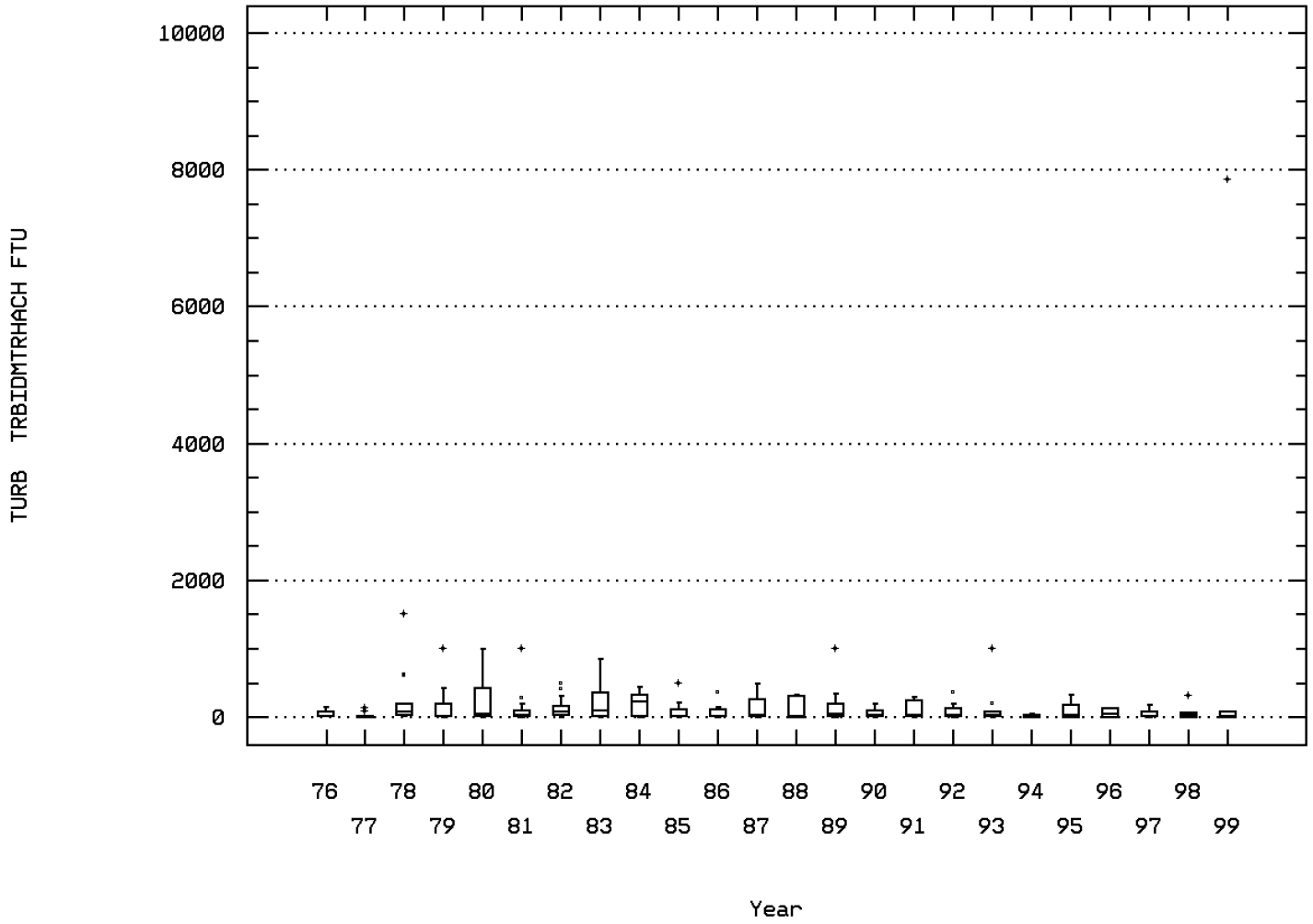
Annual Analysis for 1999 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	7	10.05	10.75	20.4	0.6	67.241	8.2	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	6	3790.	5543.333	11400.	2290.	14724026.667	3837.19	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	7	24.6	1148.786	7852.	4.03	8737807.511	2955.978	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	7	613.	600.286	679.	378.	10457.238	102.261	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	7	643.	616.571	694.	403.	9747.619	98.73	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	7	9.48	9.936	12.3	8.2	2.385	1.544	**	**	**	**
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	7	8.45	8.404	8.61	8.21	0.031	0.175	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	7	8.45	8.375	8.61	8.21	0.032	0.178	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	7	0.004	0.004	0.006	0.002	0.	0.002	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	7	1.	1.143	2.	1.	0.143	0.378	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	7	8.3	8.233	8.6	7.3	0.186	0.431	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	7	8.3	7.966	8.6	7.3	0.269	0.518	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	7	0.005	0.011	0.05	0.003	0.	0.017	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	7	158.	147.714	169.	101.	554.905	23.556	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	7	192.	179.857	206.	123.	823.143	28.69	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	7	43.6	661.129	4312.	10.8	2593849.636	1610.543	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	3 ##	0.05	0.047	0.05	0.04	0.	0.006	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	7	0.042	0.127	0.692	0.01	0.063	0.25	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	7	233.8	223.214	265.1	147.4	1794.605	42.363	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	7	56.6	54.457	64.2	36.8	96.476	9.822	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	7	22.5	21.229	25.6	13.5	19.119	4.373	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	7	51.9	51.014	62.7	29.5	119.468	10.93	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	7	2.72	2.541	2.84	1.67	0.179	0.423	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	7	20.5	19.714	24.5	10.	21.821	4.671	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	7	157.	145.286	173.5	72.5	1187.655	34.462	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	7	400.	340.857	426.	98.	15414.476	124.155	**	**	**	**

** - 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 box-and-whisker plot

Station: DINO0209 Parameter Code: 00076

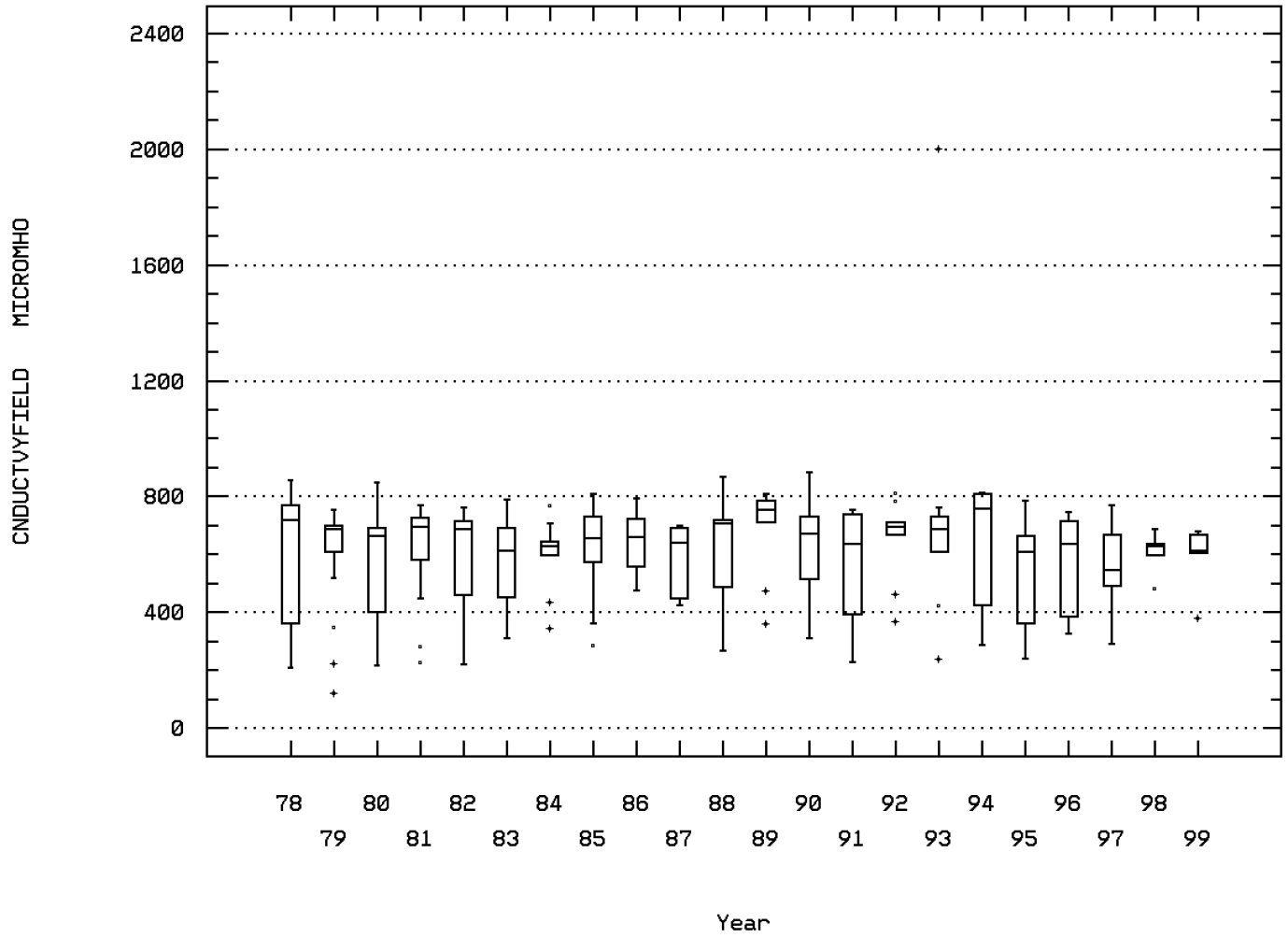
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



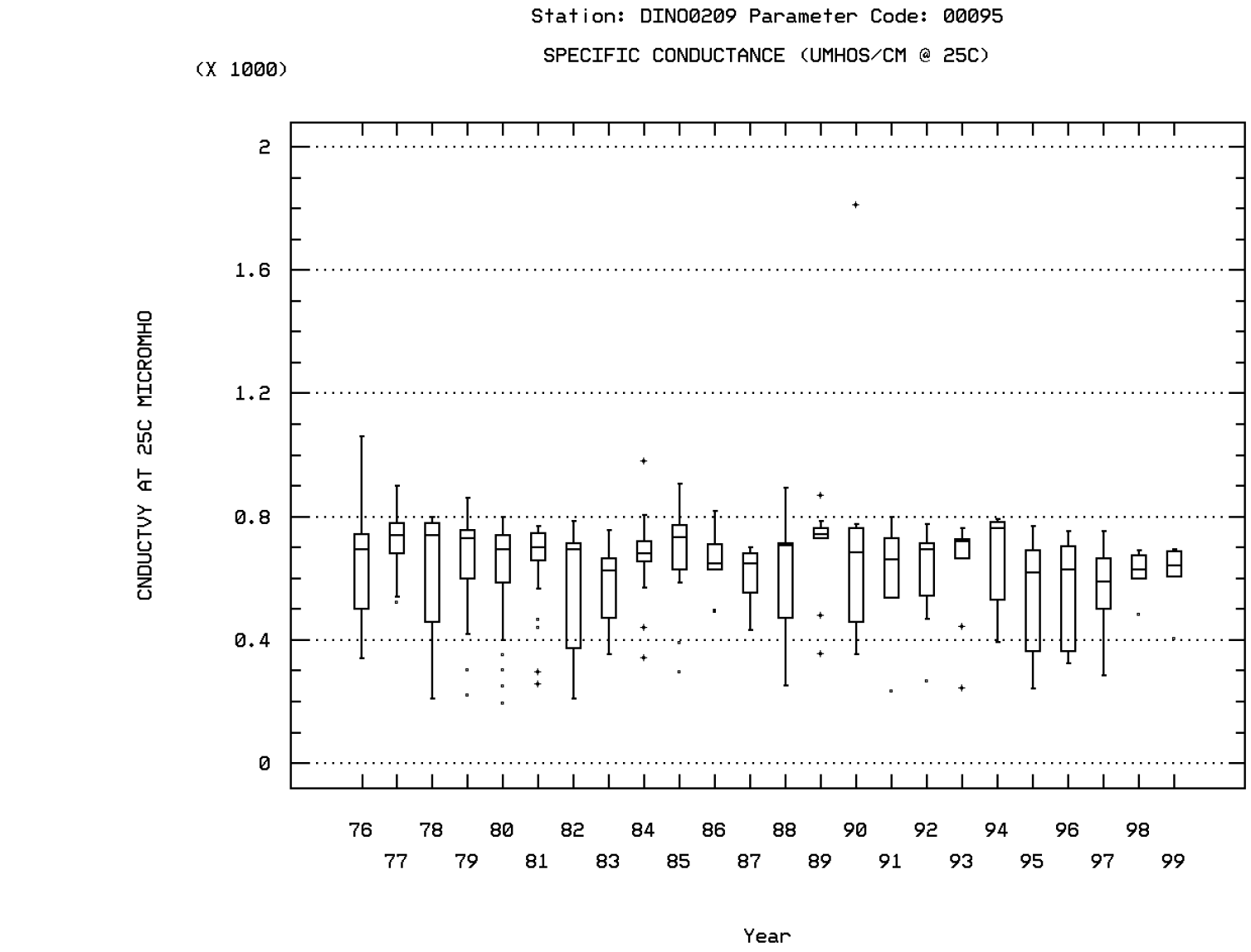
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00094

SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @



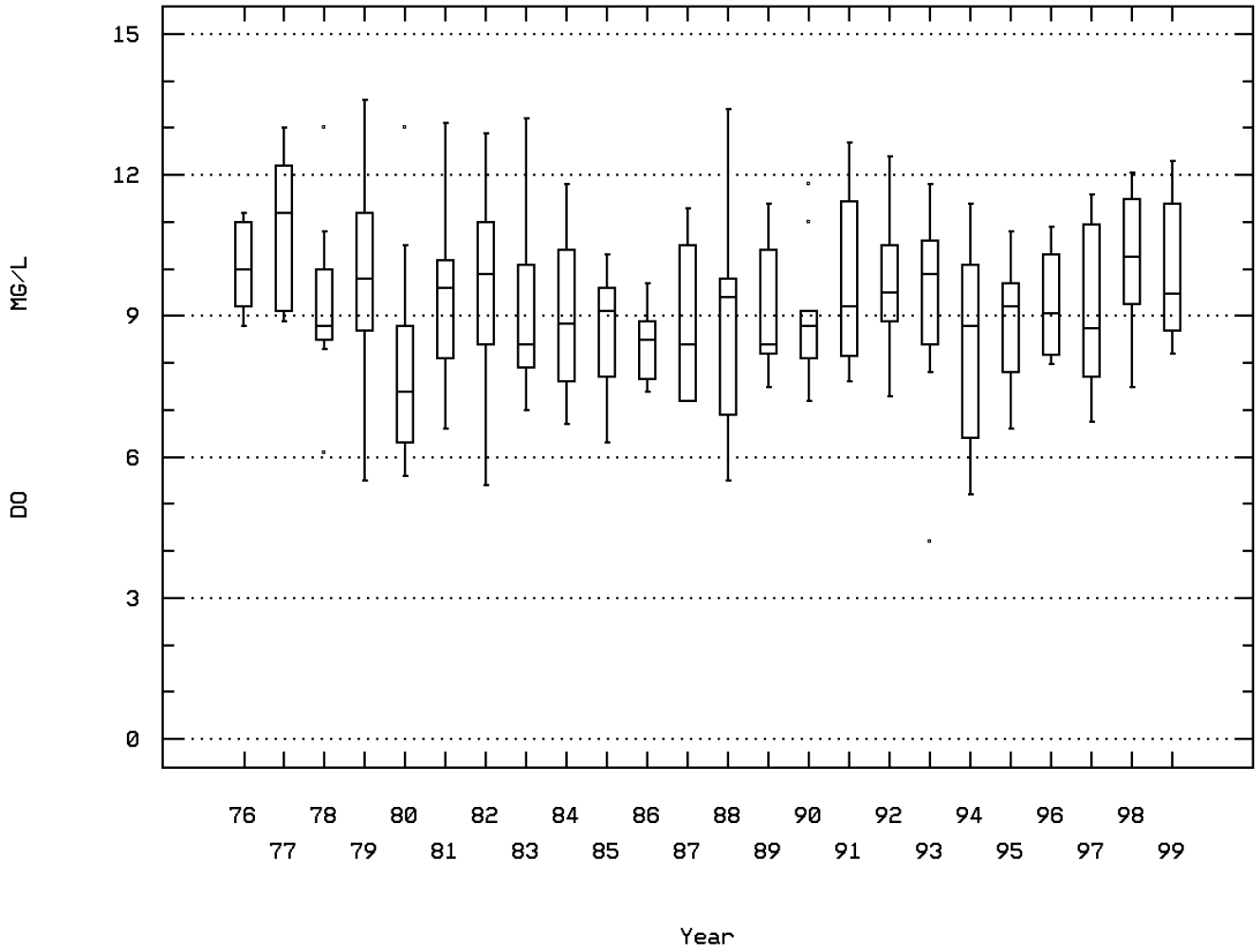
GREEN R AT DINOSAUR NATL MONUMENT U149



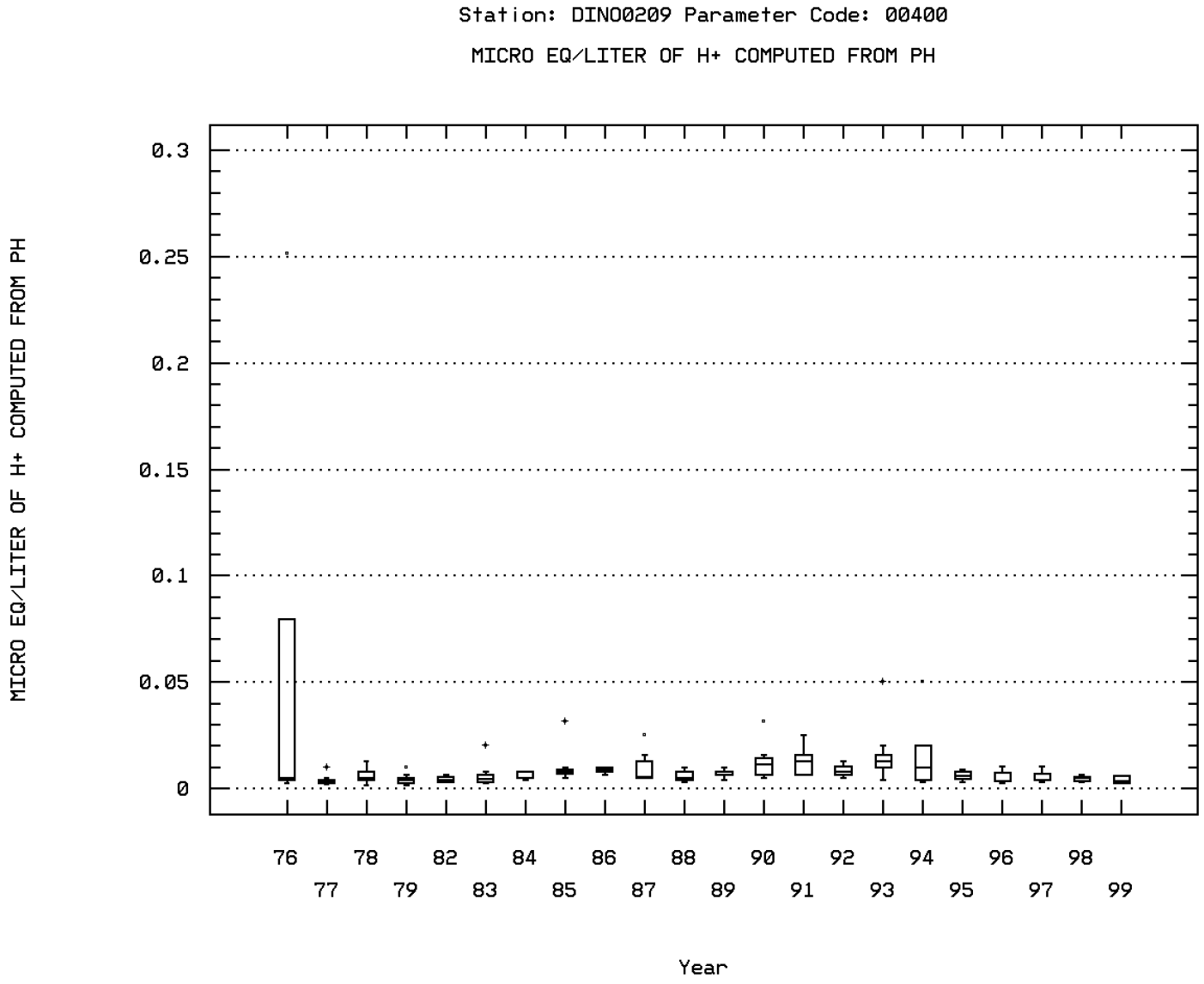
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DIN00209 Parameter Code: 00300

OXYGEN, DISSOLVED



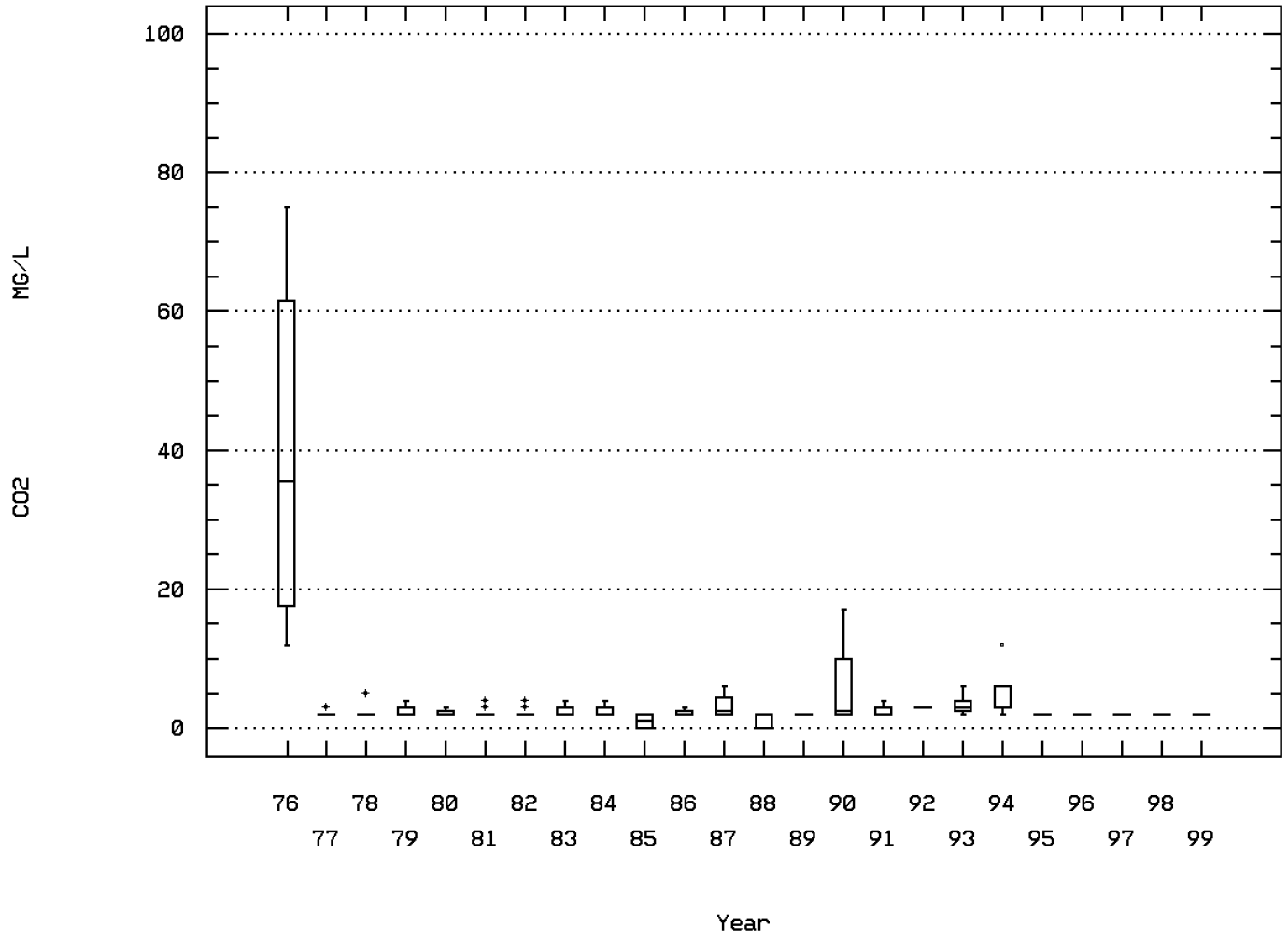
GREEN R AT DINOSAUR NATL MONUMENT U149



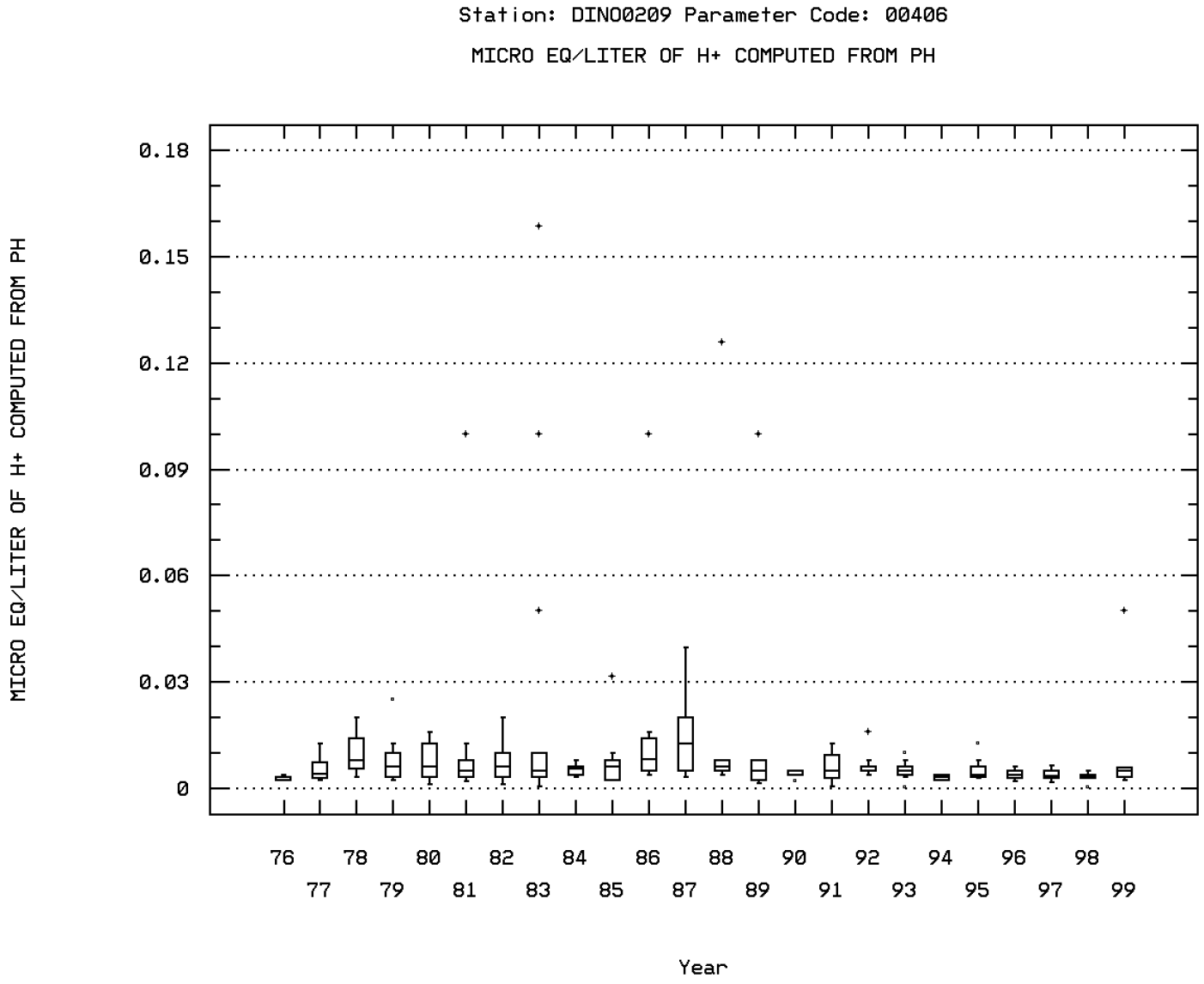
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00405

CARBON DIOXIDE (MG/L AS CO2)



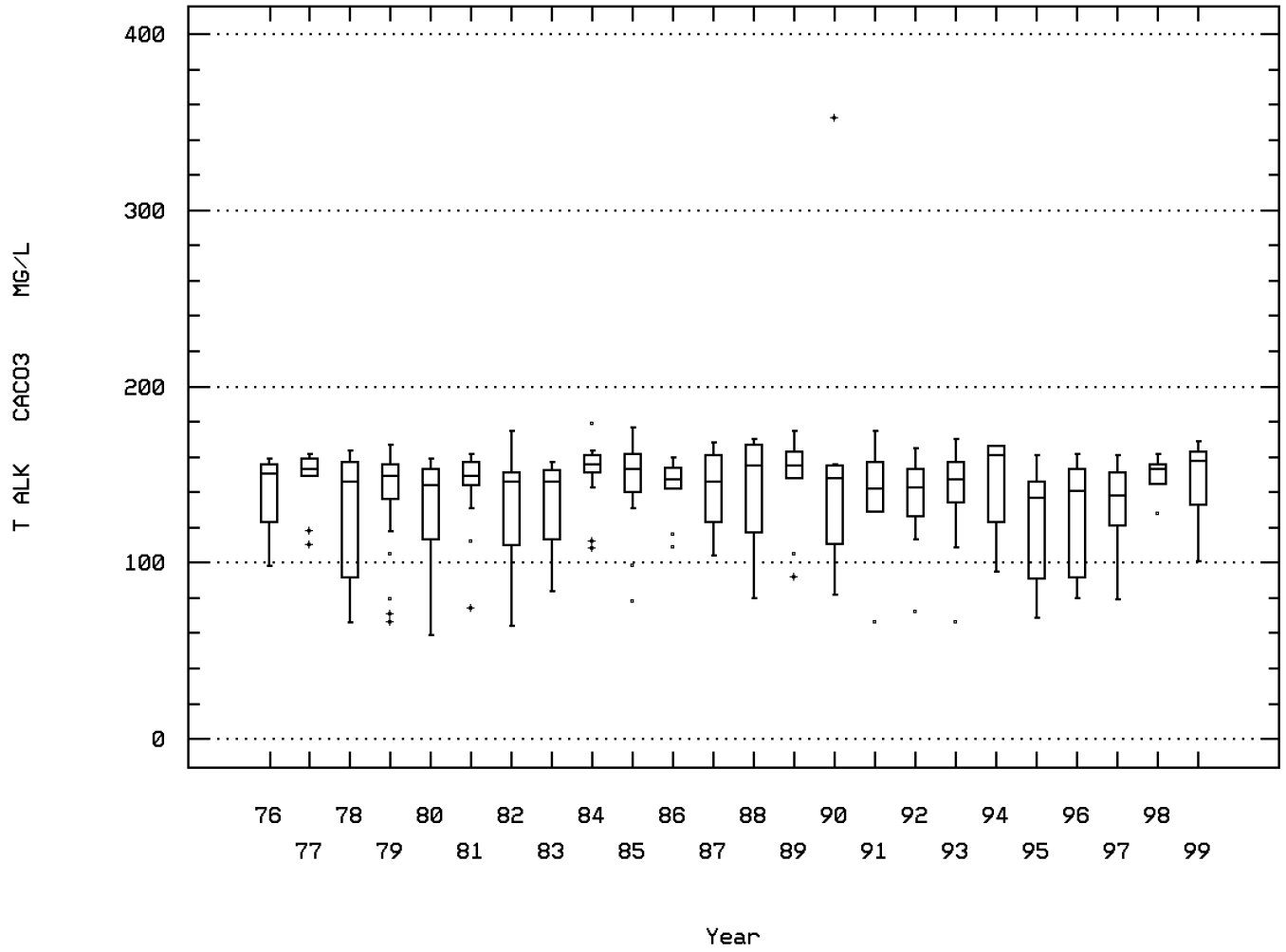
GREEN R AT DINOSAUR NATL MONUMENT U149



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00410

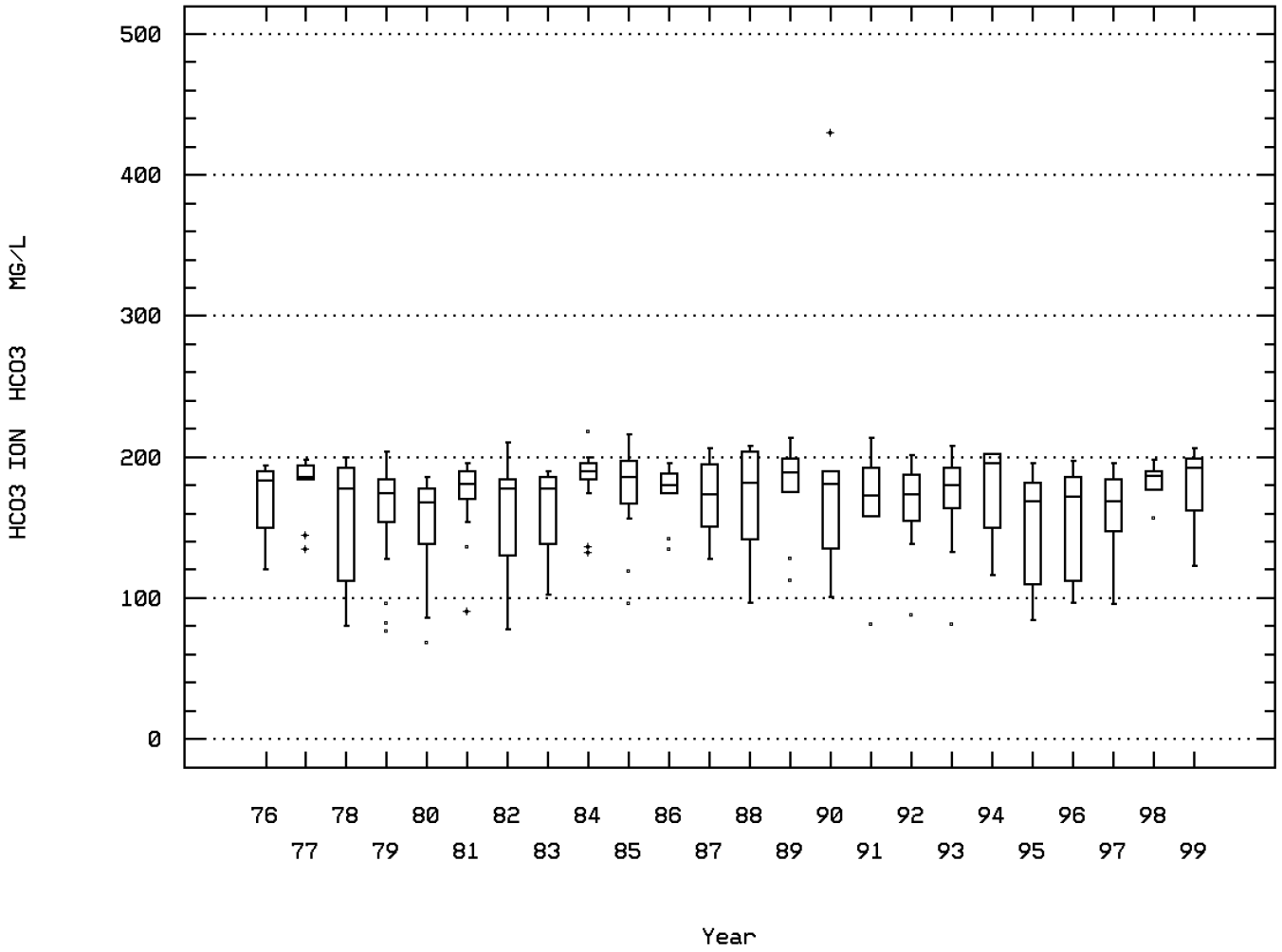
ALKALINITY, TOTAL (MG/L AS CACO3)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00440

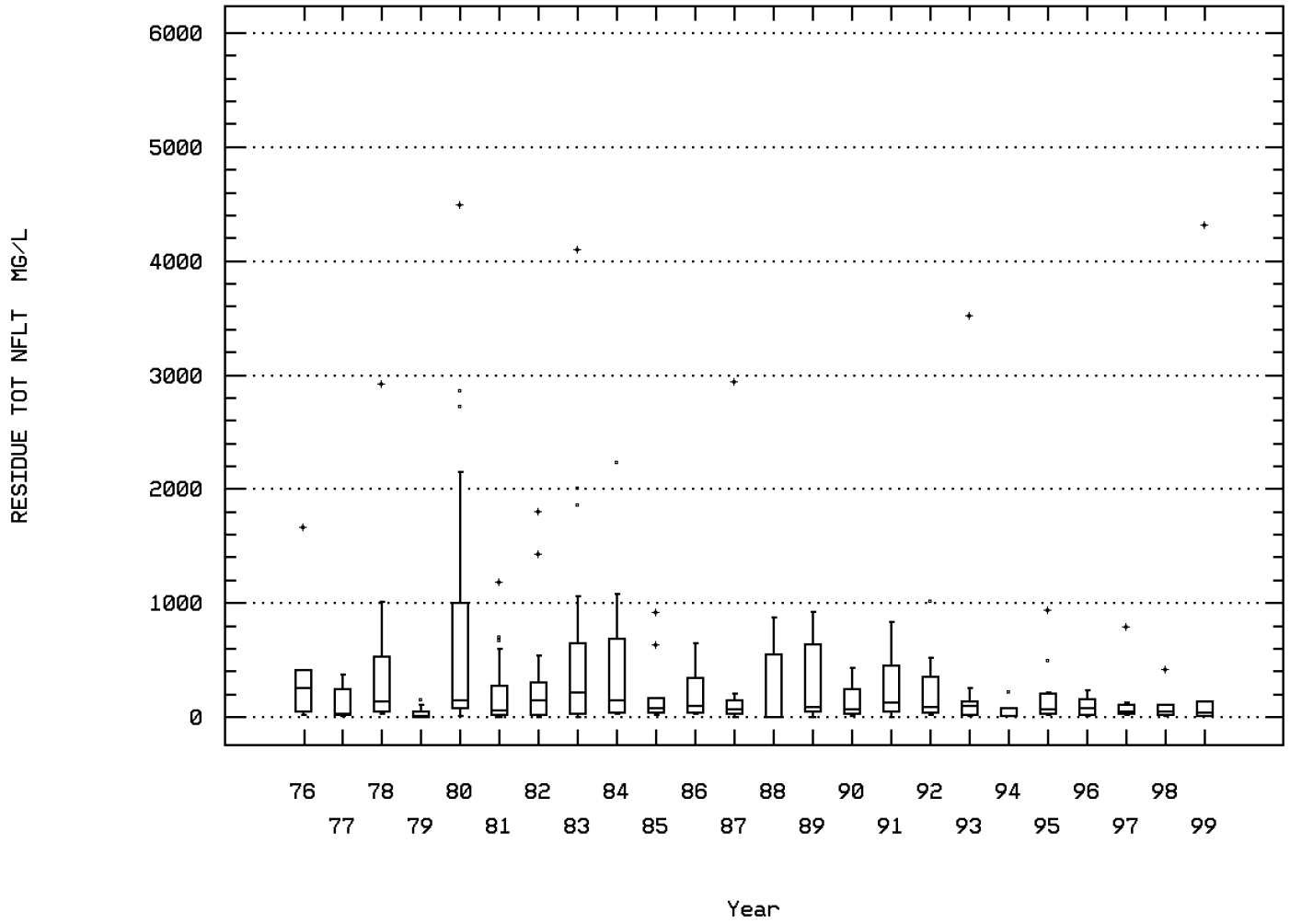
BICARBONATE ION (MG/L AS HCO3)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00530

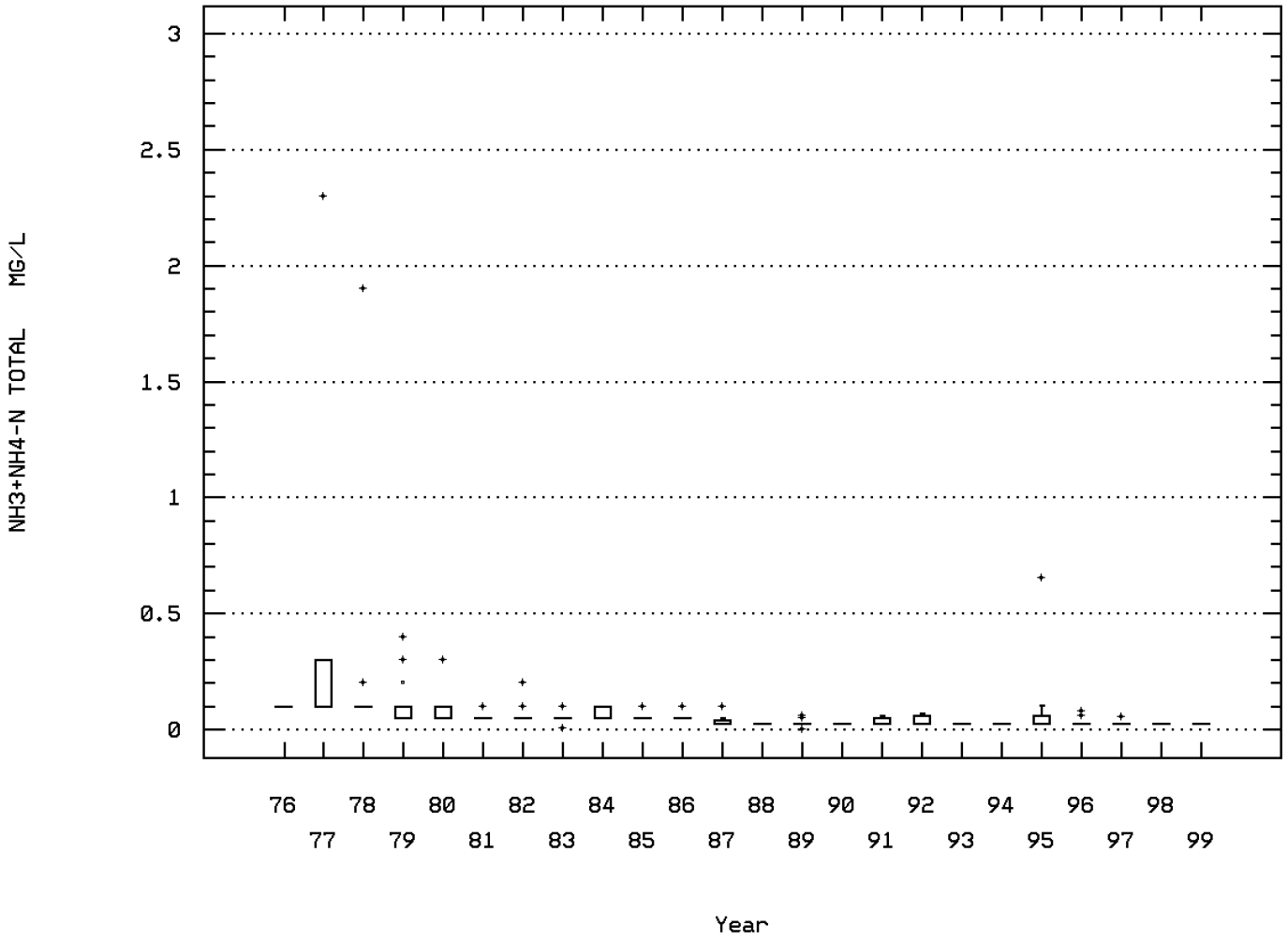
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00610

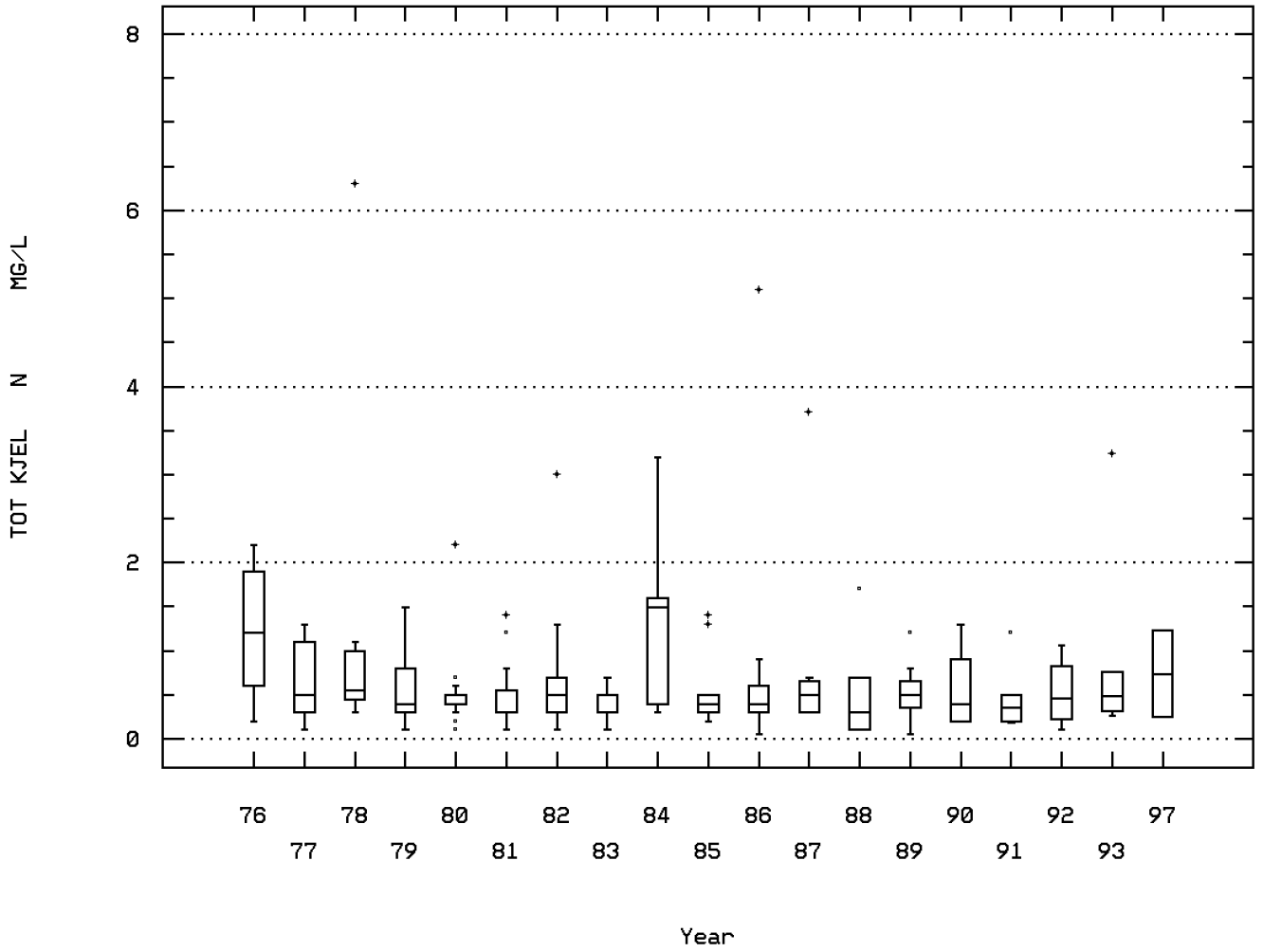
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DIN00209 Parameter Code: 00625

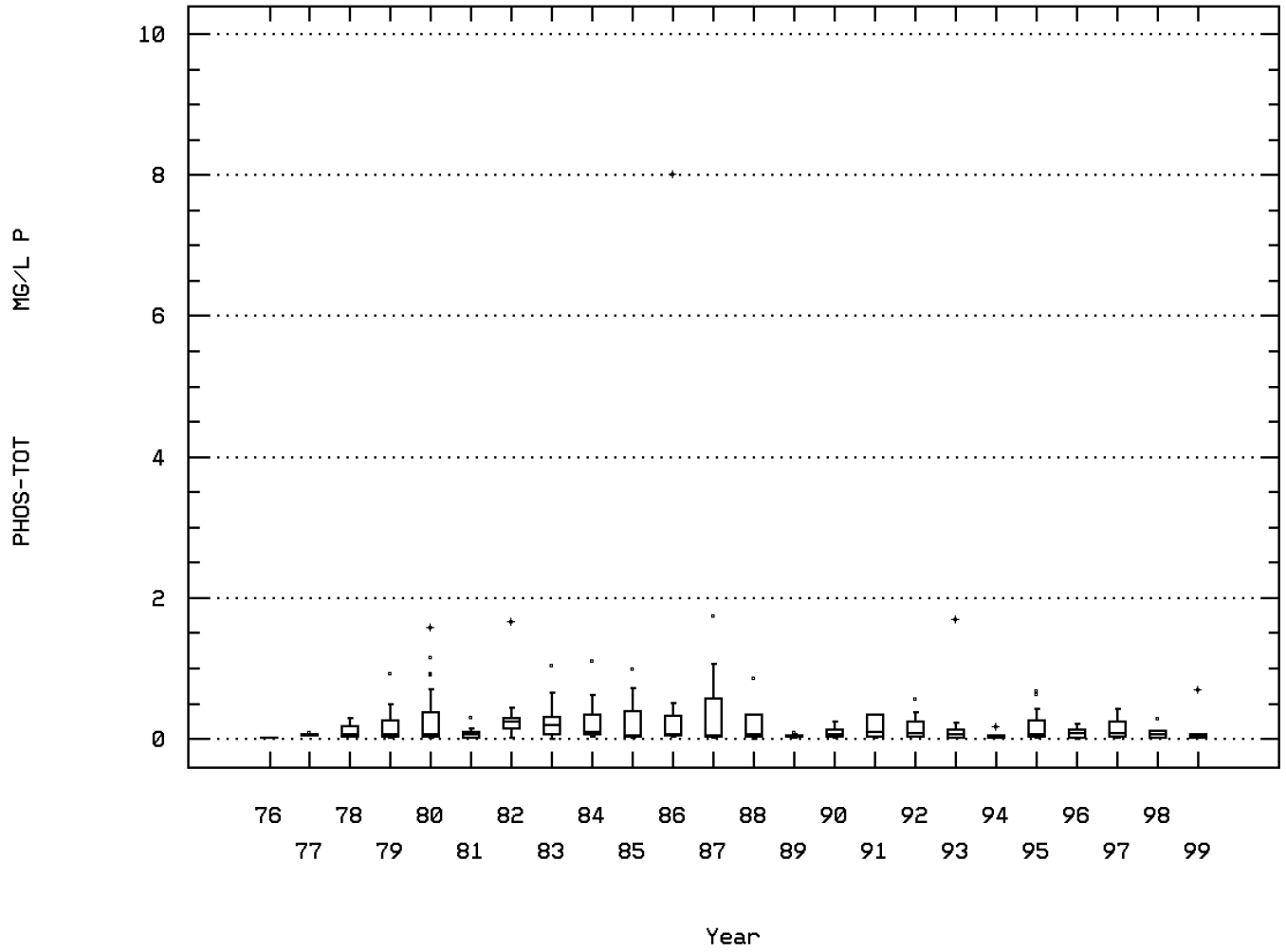
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00665

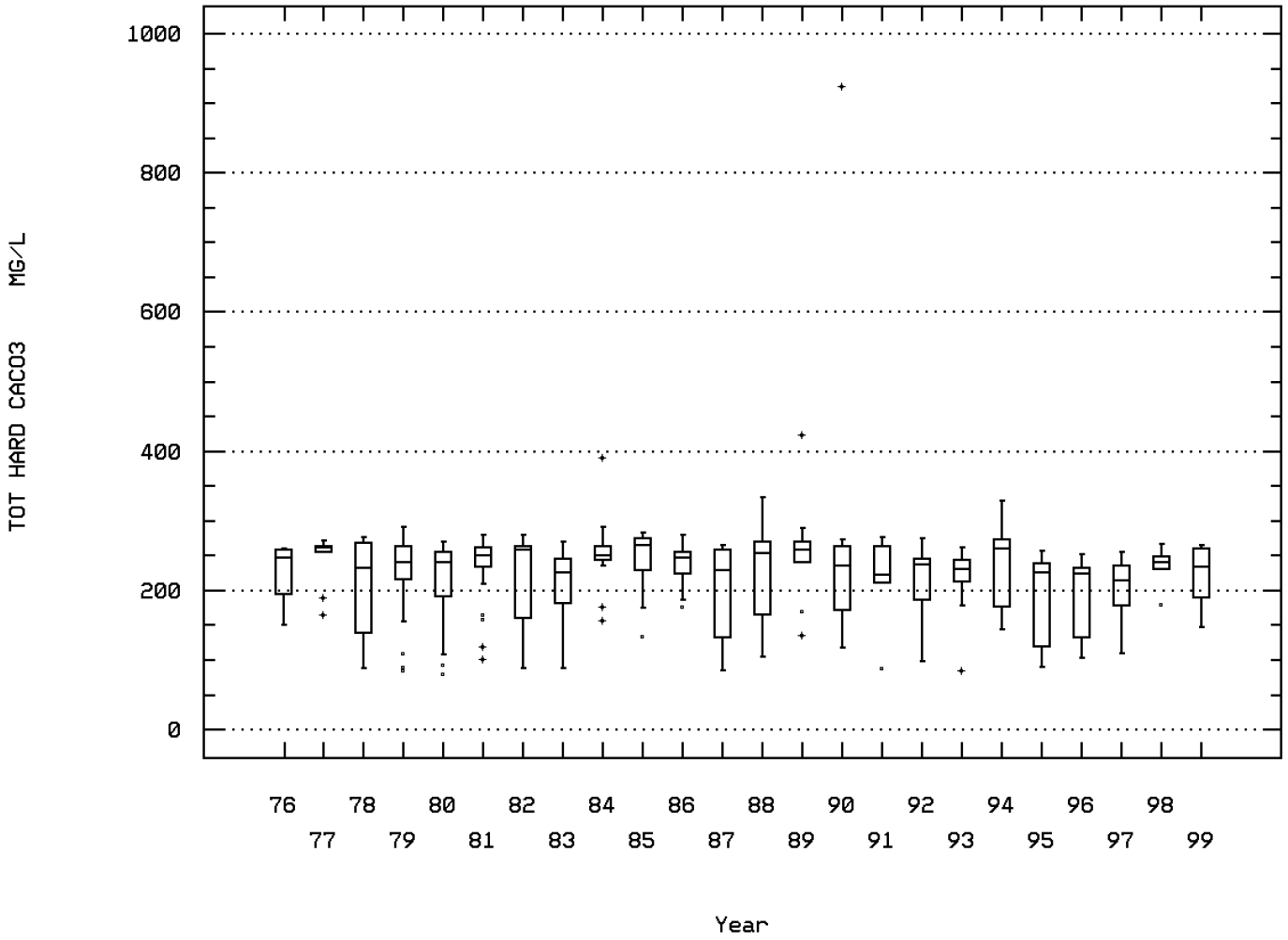
PHOSPHORUS, TOTAL (MG/L AS P)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00900

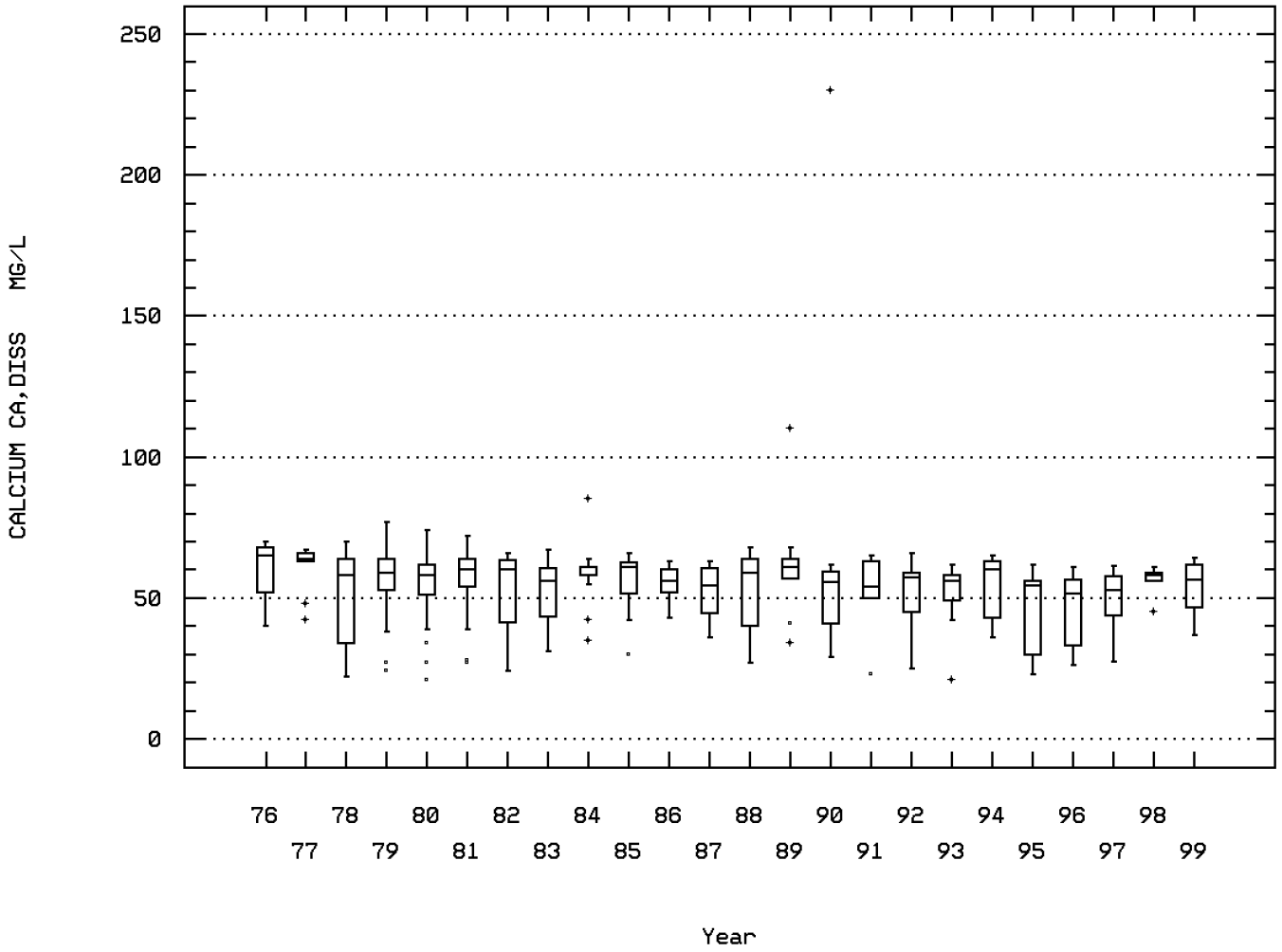
HARDNESS, TOTAL (MG/L AS CACO3)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00915

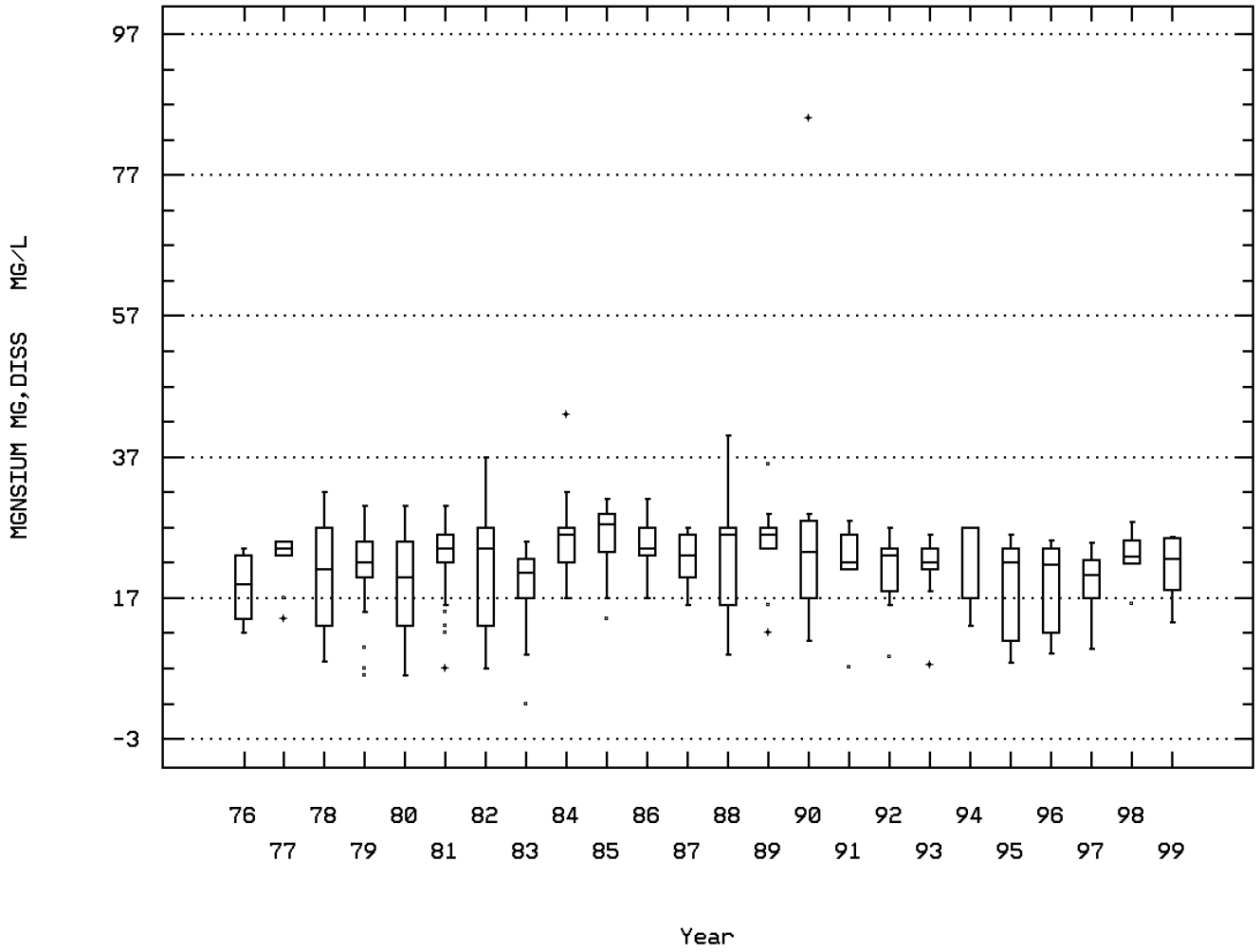
CALCIUM, DISSOLVED (MG/L AS CA)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00925

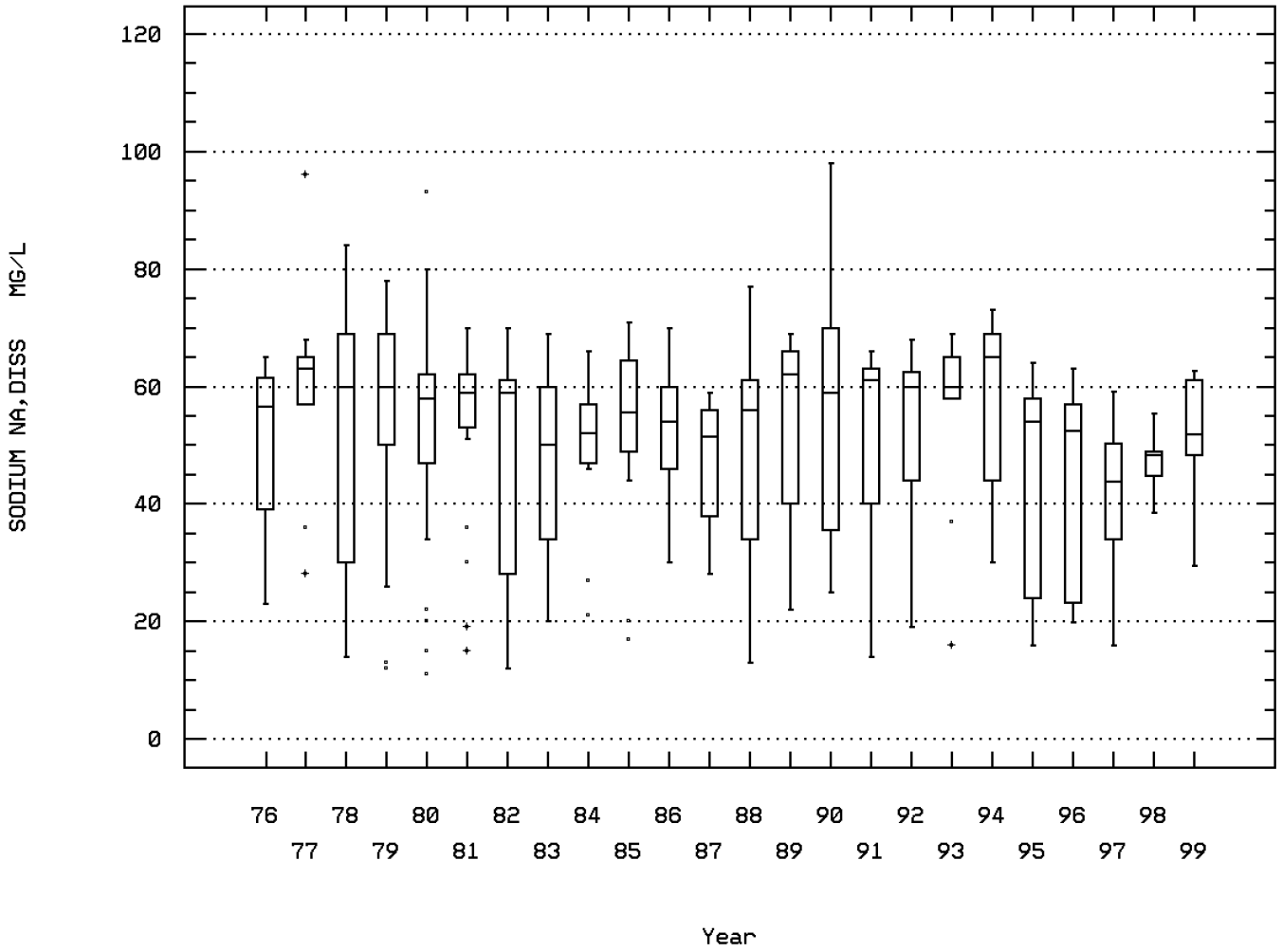
MAGNESIUM, DISSOLVED (MG/L AS MG)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00930

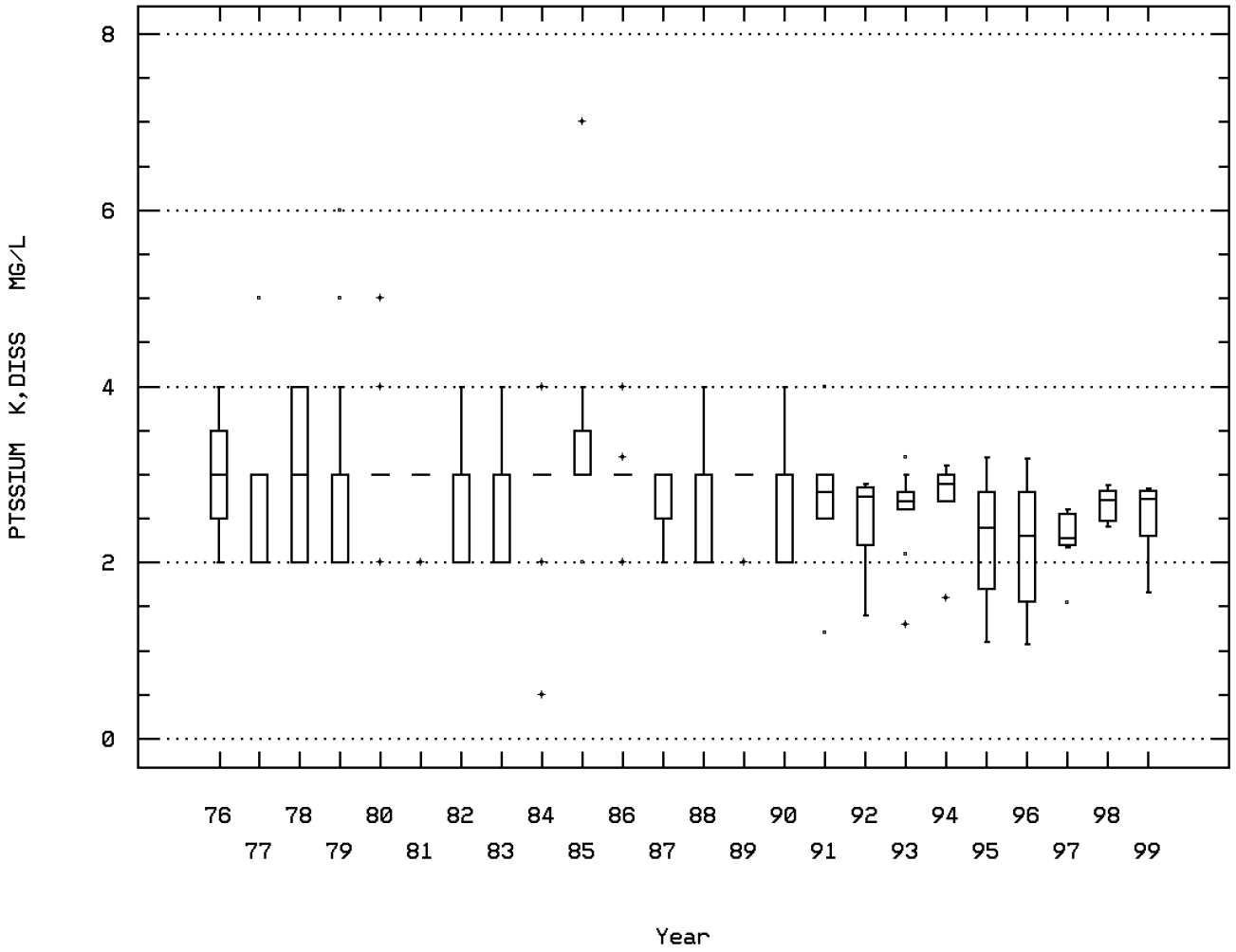
SODIUM, DISSOLVED (MG/L AS NA)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00935

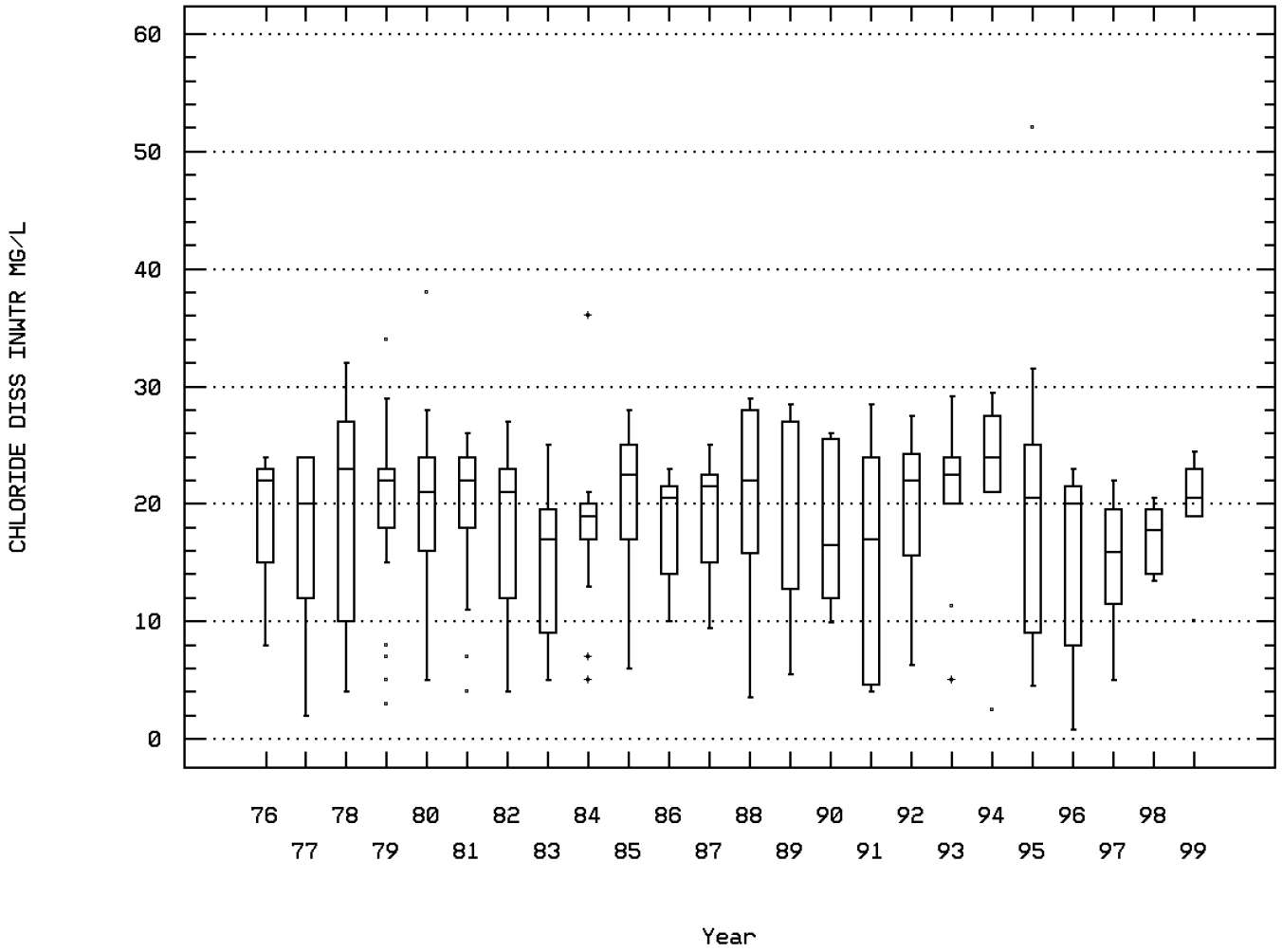
POTASSIUM, DISSOLVED (MG/L AS K)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00941

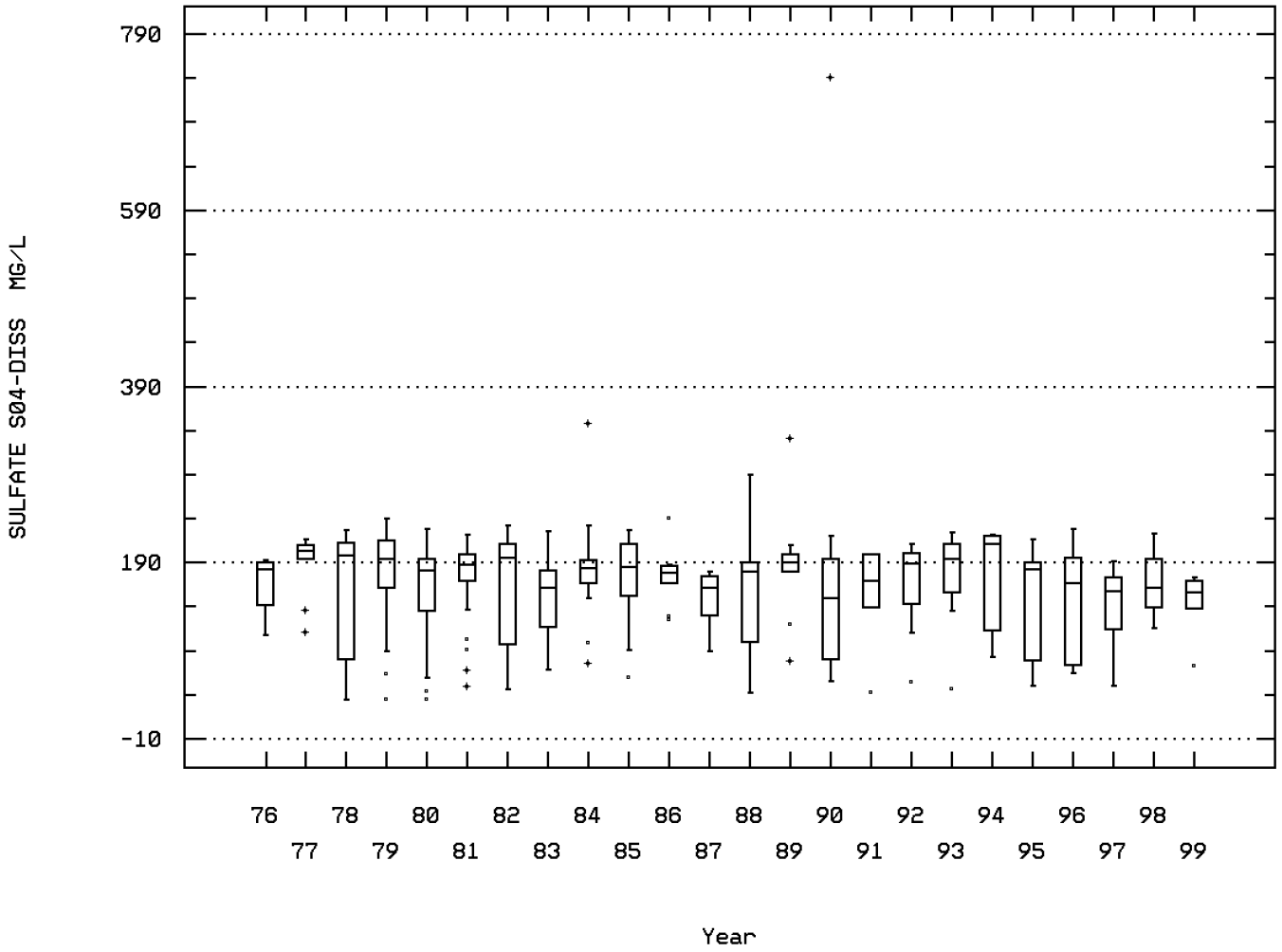
CHLORIDE, DISSOLVED IN WATER



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00946

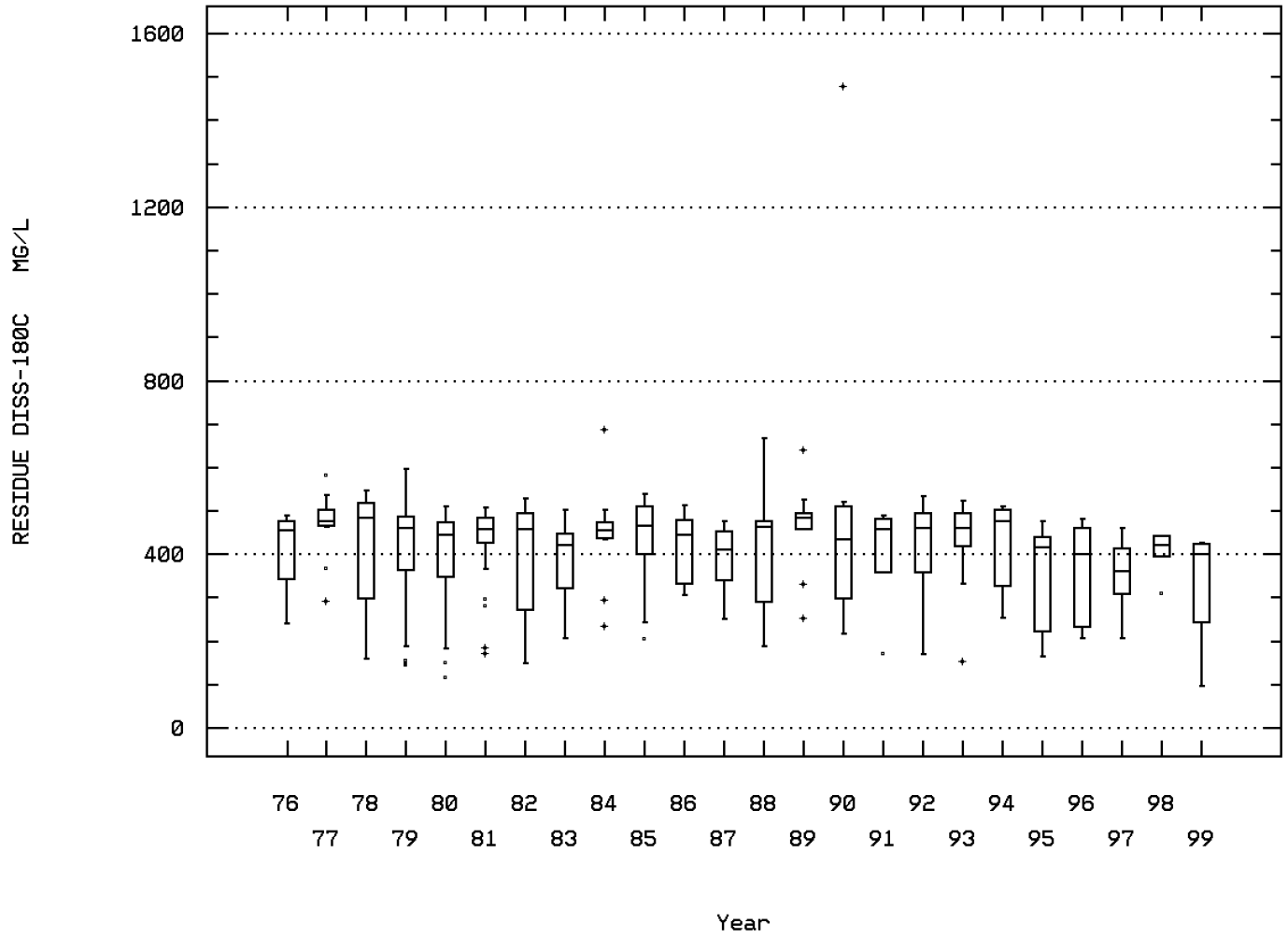
SULFATE, DISSOLVED (MG/L AS SO4)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 70300

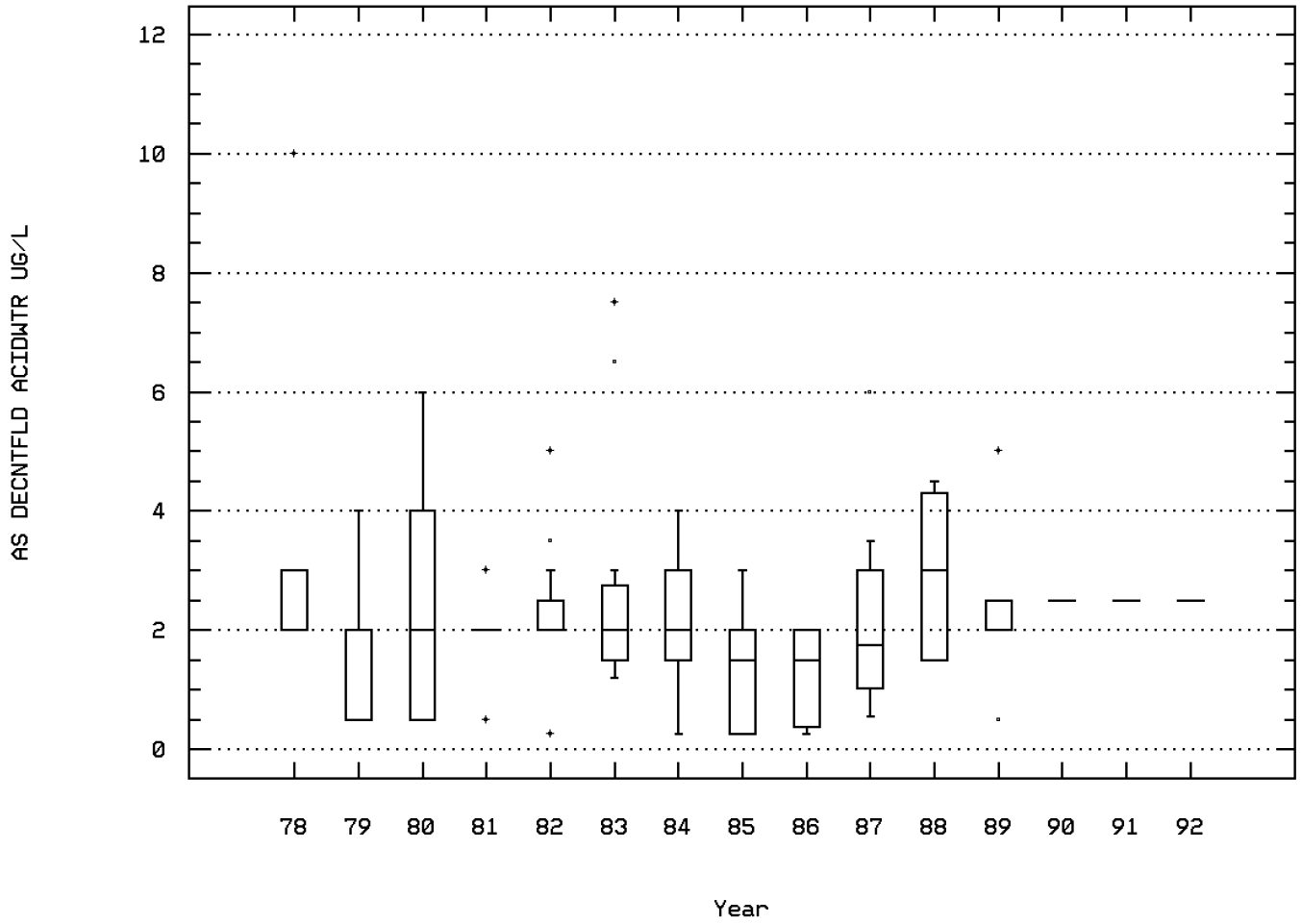
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 82702

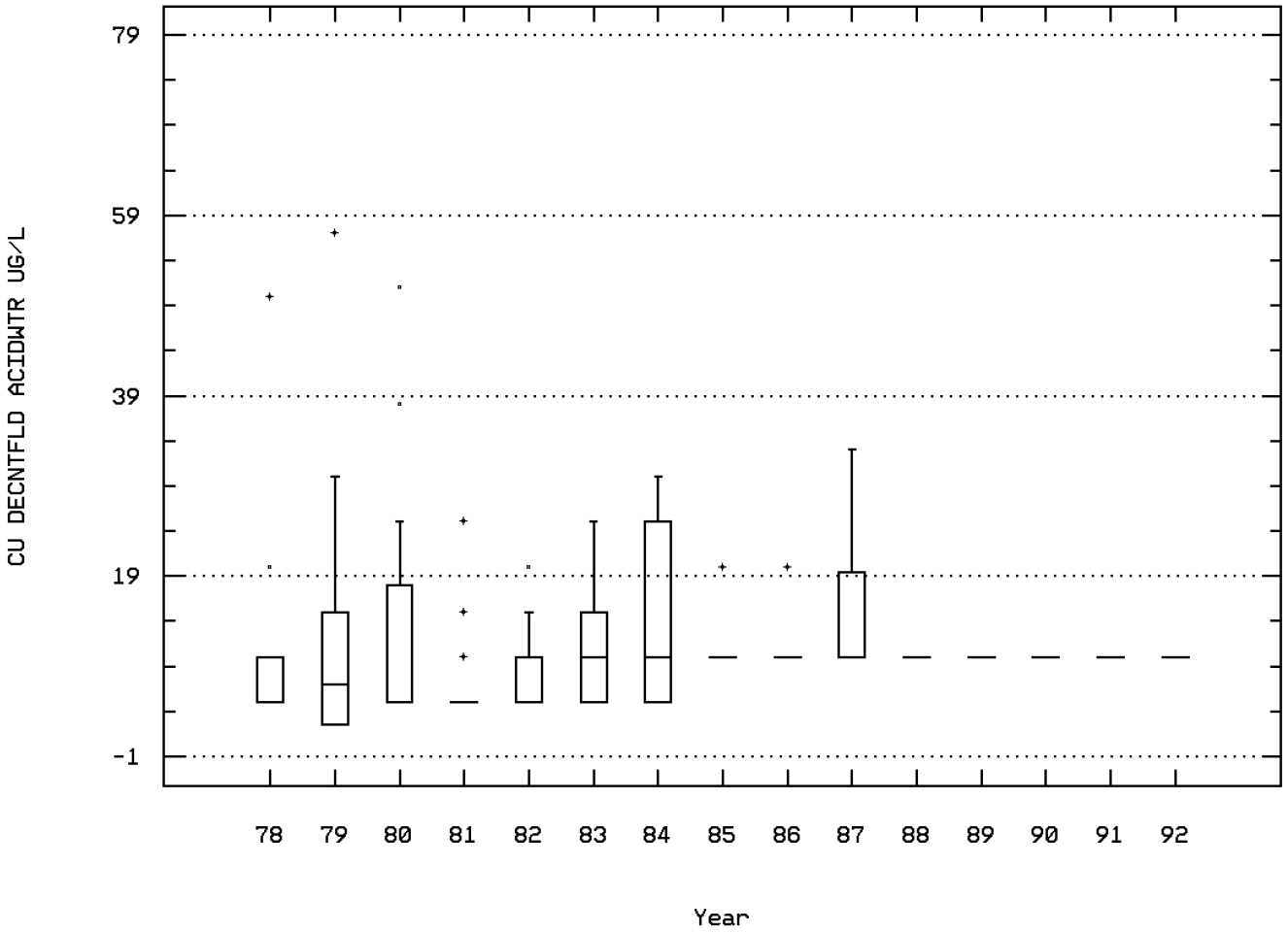
ARSENIC, FIELD ACIDIFIED, DECANTED, WAT



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 82708

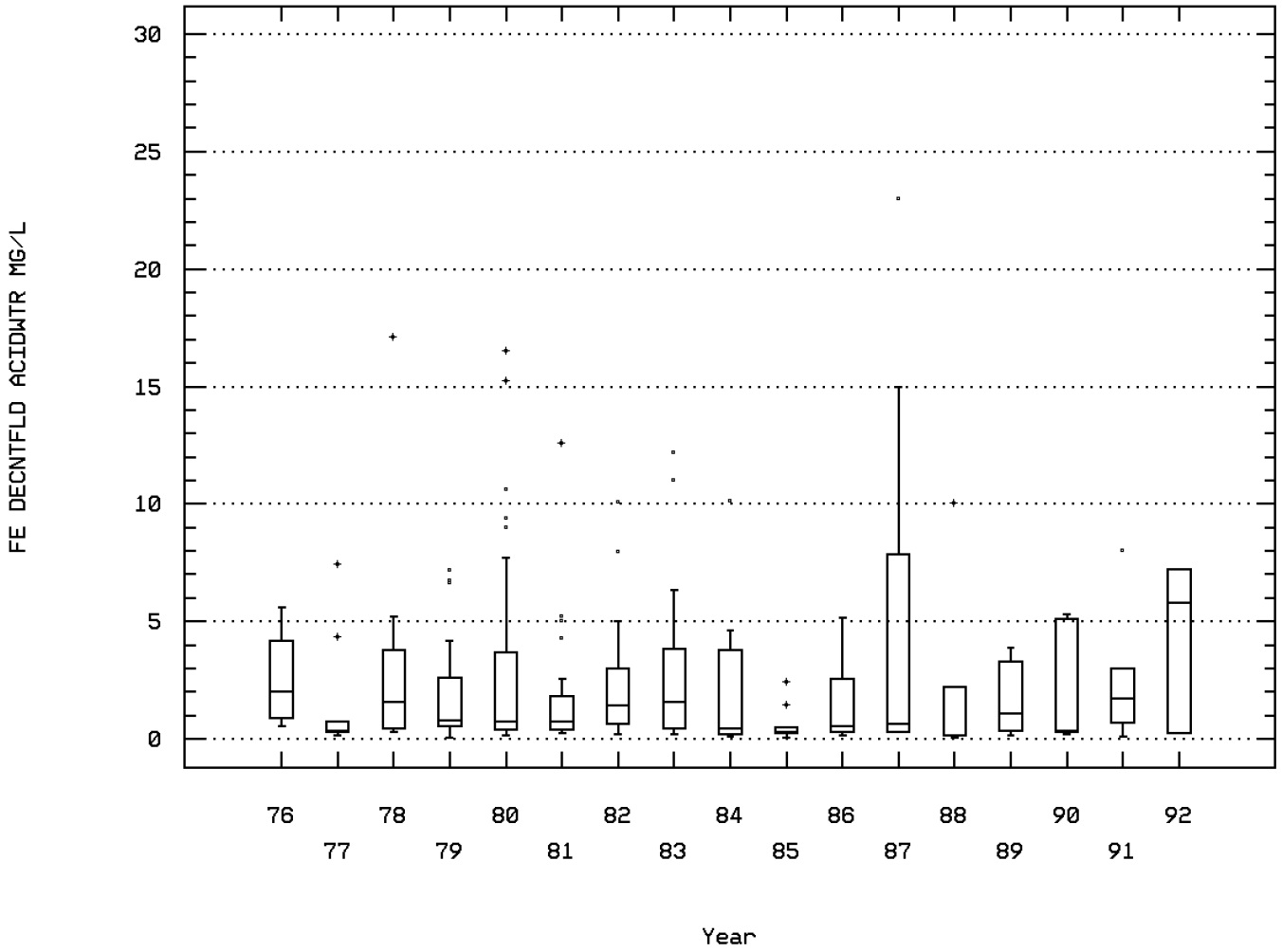
COPPER, FIELD ACIDIFIED, DECANTED, WATE



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 82710

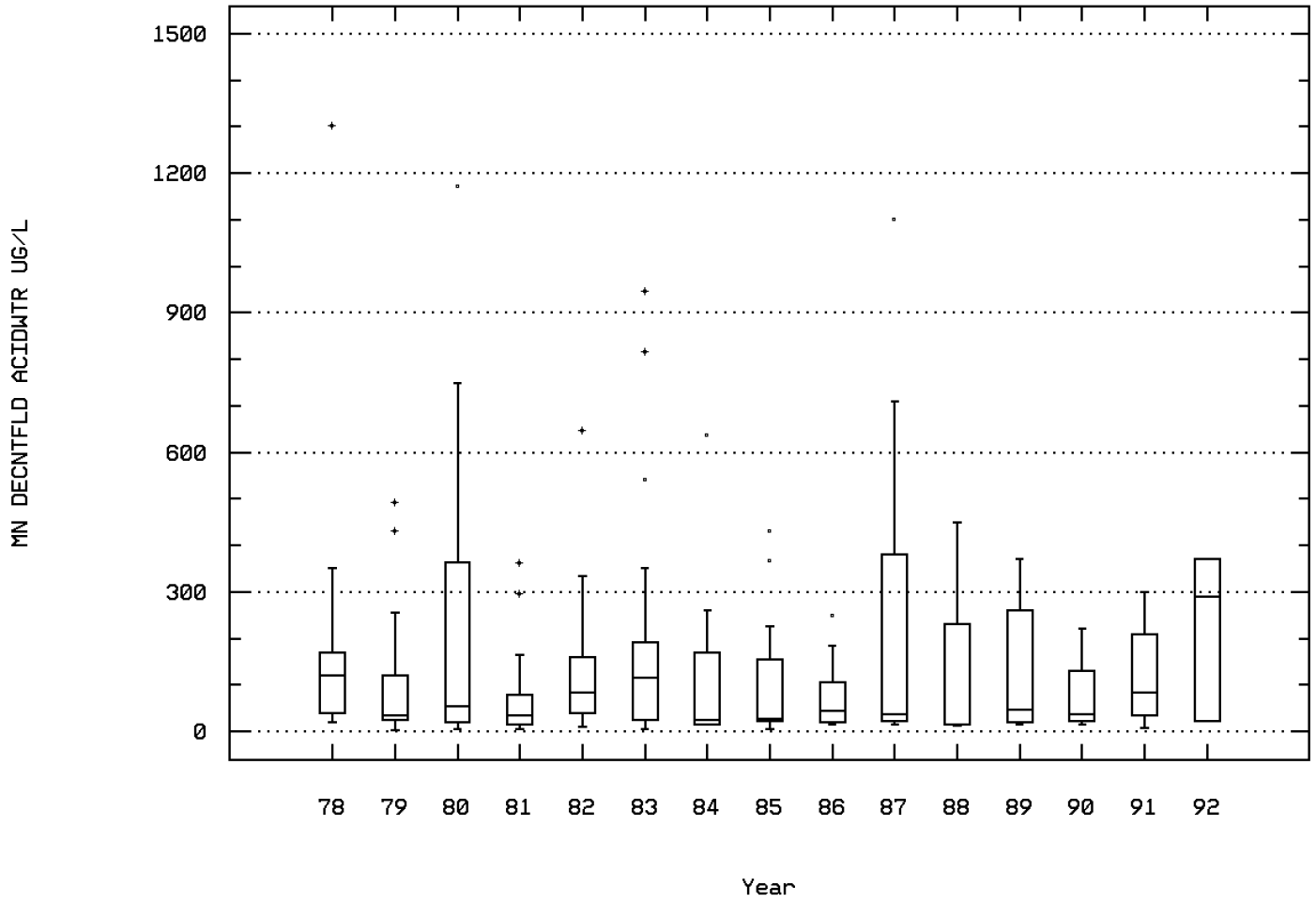
IRON, FIELD ACIDIFIED, DECANTED, WATER



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 82712

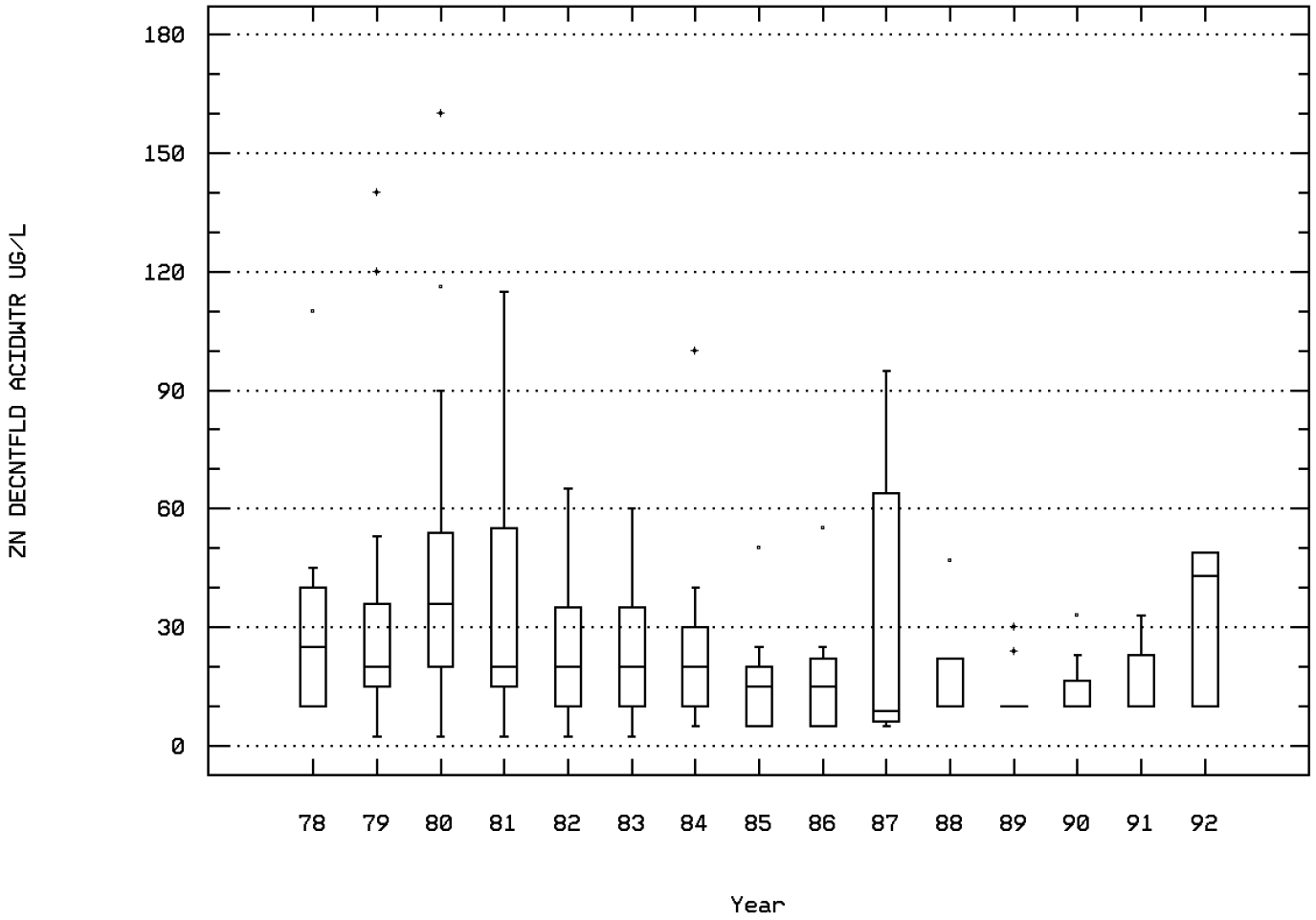
MANGANESE, FIELD ACIDIFIED, DECANTED, W



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 82719

ZINC, FIELD ACIDIFIED, DECANTED, WATER



GREEN R AT DINOSAUR NATL MONUMENT U149

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	115	5.6	7.015	21.3	0.	35.243	5.937	0.46	2.	11.5	16.58
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	138	2232.5	2598.268	7250.	1000.	1416662.212	1190.236	1339.	1667.5	3267.5	4471.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	135	13.1	66.2	1000.	0.8	29250.726	171.028	4.66	8.5	33.	121.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	117	691.	697.564	2000.	120.	22431.662	149.772	601.2	648.	732.	785.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	142	720.	720.535	1810.	210.	13602.818	116.631	637.4	680.	752.5	780.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	59	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	118	9.8	9.882	13.6	4.2	3.055	1.748	7.5	8.775	11.025	12.21
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	53	1.	0.849	2.	0.5	0.111	0.334	0.5	0.5	1.	1.
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	95	10.	13.995	67.	4.	132.976	11.532	5.	7.	18.	28.4
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	107	8.3	8.303	8.8	6.6	0.075	0.274	8.	8.2	8.5	8.6
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	107	8.3	8.105	8.8	6.6	0.115	0.339	8.	8.2	8.5	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	107	0.005	0.008	0.251	0.002	0.001	0.024	0.003	0.003	0.006	0.01
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	149	2.	2.832	75.	0.	74.857	8.652	1.	1.	2.	3.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	116	8.3	8.3	9.5	6.8	0.168	0.41	7.87	8.2	8.5	8.6
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	116	8.3	8.014	9.5	6.8	0.251	0.501	7.87	8.2	8.5	8.6
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	116	0.005	0.01	0.158	0.	0.	0.021	0.003	0.003	0.006	0.014
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	137	154.	156.007	352.	113.	364.198	19.084	144.	149.	160.	166.
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	137	188.	188.73	430.	138.	568.375	23.841	174.	180.	194.	202.
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	87	0.	1.195	6.	0.	3.159	1.777	0.	0.	2.	4.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	127	35.	120.004	1972.	0.	80532.14	283.782	3.6	17.	78.	255.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	131 ##	0.05	0.072	1.9	0.025	0.03	0.173	0.025	0.025	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	64 ##	0.025	0.021	0.1	0.005	0.	0.015	0.005	0.005	0.025	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	79	0.3	0.334	1.01	0.005	0.05	0.224	0.07	0.2	0.5	0.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	108	0.33	0.502	5.1	0.05	0.358	0.599	0.172	0.3	0.5	0.91
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	79	0.2	0.222	1.782	0.005	0.057	0.239	0.04	0.08	0.27	0.5
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/23/91-06/30/99	22	0.05	0.114	0.662	0.005	0.027	0.166	0.01	0.01	0.13	0.401
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	129	0.044	0.158	8.	0.005	0.517	0.719	0.01	0.025	0.082	0.25
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/01/90-06/30/99	21 ##	0.005	0.007	0.02	0.003	0.	0.005	0.005	0.005	0.008	0.019
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	85	4.5	7.413	51.	0.5	62.24	7.889	2.46	3.2	8.5	16.86
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	137	256.	257.714	923.6	192.	3588.83	59.907	230.3	240.	264.6	275.16
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	136	61.	61.833	230.	50.	231.427	15.213	55.	58.	63.75	66.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	137	25.	25.05	85.	13.	36.564	6.047	21.	23.	26.5	28.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	137	60.	59.861	98.	27.	71.317	8.445	49.56	55.4	64.	69.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	137	3.	2.954	7.	0.5	0.575	0.758	2.	2.725	3.	4.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	136	22.25	22.694	52.	1.	32.229	5.677	17.	20.	25.	28.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	137	191.8	193.947	740.	55.	2771.052	52.641	159.4	179.3	205.5	217.28
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	55	0.26	0.262	0.4	0.14	0.002	0.042	0.226	0.24	0.28	0.31
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	56	5.	5.214	20.	3.	5.771	2.402	3.	4.	5.	7.
01000p	ARSENIC, DISSOLVED (UG/L AS AS)	02/24/76-12/15/99	28 ##	2.5	2.343	4.	0.5	0.347	0.589	1.54	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/26/92-12/15/99	20	67.	66.75	74.	56.	22.197	4.711	59.2	63.5	70.5	72.9
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	55	125.	127.418	225.	40.	1058.1	32.528	94.	110.	140.	160.
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	02/24/76-12/15/99	22 ##	0.5	1.	8.	0.5	3.	1.732	0.5	0.5	0.5	2.95
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/77-12/15/99	21 ##	2.5	5.286	57.	2.5	141.164	11.881	2.5	2.5	2.5	5.7
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	44 ##	2.5	2.477	2.5	2.	0.011	0.105	2.5	2.5	2.5	2.5
01040p	COPPER, DISSOLVED (UG/L AS CU)	02/24/76-12/15/99	24 ##	6.	7.875	15.	3.	9.418	3.069	5.	6.	10.	12.5
01046p	IRON, DISSOLVED (UG/L AS FE)	05/18/76-12/15/99	22 ##	10.	31.264	218.	10.	2296.158	47.918	10.	10.	28.85	93.
01049p	LEAD, DISSOLVED (UG/L AS PB)	02/24/76-12/15/99	22 ##	1.5	2.409	20.	1.	15.539	3.942	1.5	1.5	1.5	2.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/92-12/15/99	20 ##	2.5	6.66	31.	2.5	50.758	7.124	2.5	2.5	9.275	14.9
01075	SILVER, DISSOLVED (UG/L AS AG)	05/26/92-12/15/99	20 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090p	ZINC, DISSOLVED (UG/L AS ZN)	01/25/77-12/15/99	23 ##	15.	17.391	100.	10.	329.249	18.145	10.	10.	15.	15.
01145p	SELENIUM, DISSOLVED (UG/L AS SE)	05/18/76-12/15/99	22 ##	0.5	0.918	2.5	0.5	0.613	0.783	0.5	0.5	1.1	2.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	93 ##	0.5	0.534	2.5	0.25	0.298	0.546	0.25	0.25	0.5	0.53
03501	BETA, TOTAL	05/18/76-05/15/90	7	9.	9.857	22.	2.	50.476	7.105	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/10/80-08/13/86	4	40.	48.5	90.	24.	876.333	29.603	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	51	200.	1007.549	11600.	0.	4812581.173	2193.76	23.	40.	700.	3040.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	51	2.301	2.318	4.064	0.	0.689	0.83	1.362	1.602	2.845	3.48
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			208.07								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	35	23.	226.6	4300.	0.	537827.438	733.367	0.	9.	150.	412.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	35	1.362	1.444	3.633	0.	0.841	0.917	0.	0.954	2.176	2.615

** - Less 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 #1: 9/01 to 2/29 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			27.77								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/03/81-08/25/88	18	110.	553.111	6000.	0.	1955680.105	1398.456	0.	11.	420.	1694.4
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/03/81-08/25/88	18	2.04	1.834	3.778	0.	1.119	1.058	0.	1.035	2.622	3.154
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			68.245								
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-12/15/99	34	296.5	300.941	351.	240.	926.663	30.441	259.5	278.	331.	341.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-12/15/99	34	144.	142.706	163.	113.	133.608	11.559	128.5	133.	153.25	158.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	140	470.	470.064	1476.	98.	9879.427	99.395	414.	442.5	489.5	510.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	68	0.01	0.033	0.39	0.003	0.004	0.064	0.01	0.01	0.03	0.064
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/26/92-12/15/99	20 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	97	1.5	1.622	5.	0.25	0.815	0.903	0.5	1.	2.	2.6
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	93	0.06	0.197	13.	0.015	1.802	1.342	0.025	0.025	0.08	0.11
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	92 ##	0.5	0.663	3.	0.5	0.286	0.535	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	92 ##	2.5	3.402	20.	1.5	8.117	2.849	2.5	2.5	2.5	5.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	96 ##	10.	9.672	30.	2.5	36.71	6.059	5.	5.	10.	20.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	106	0.375	1.107	15.2	0.05	4.376	2.092	0.171	0.25	0.833	2.92
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	92 ##	2.5	3.793	15.	2.5	6.814	2.61	2.5	2.5	5.	7.7
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	97	25.	59.469	735.	2.5	12942.28	113.764	10.	15.	46.	133.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	92 ##	0.05	0.086	0.5	0.05	0.005	0.071	0.05	0.05	0.1	0.15
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	92 ##	1.	1.5	5.	1.	1.489	1.22	1.	1.	1.	4.25
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	97	10.	20.876	100.	2.5	380.932	19.517	5.	10.	30.	50.

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	81	9.	8.852	18.6	1.3	17.246	4.153	3.52	5.	12.8	14.388
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	85	4880.	6591.565	31200.	1640.	22946603.201	4790.261	2444.	3395.	8845.	12260.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	81	190.	388.398	7852.	5.4	803677.802	896.481	28.4	76.65	355.	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	74	626.	576.162	868.	229.	28130.905	167.723	349.	422.75	717.	760.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	85	640.	589.835	1060.	250.	31342.901	177.039	349.6	441.	717.5	791.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	75	9.5	9.409	13.1	6.3	1.7	1.304	7.76	8.4	10.3	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	33	2.	2.121	7.	0.5	2.094	1.447	1.	1.	3.	4.6
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	54	20.	22.074	94.	5.	296.042	17.206	7.	9.375	26.	42.5
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	63	8.2	8.169	8.8	7.6	0.052	0.229	7.9	8.	8.3	8.446
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	63	8.2	8.111	8.8	7.6	0.056	0.236	7.9	8.	8.3	8.446
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	63	0.006	0.008	0.025	0.002	0.	0.004	0.004	0.005	0.01	0.013
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	91	2.	3.121	48.	1.	47.13	6.865	1.	1.	3.	4.
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	76	8.3	8.23	9.2	7.3	0.086	0.293	7.87	8.	8.4	8.509
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	76	8.3	8.128	9.2	7.3	0.096	0.31	7.87	8.	8.4	8.509
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	76	0.005	0.007	0.05	0.001	0.	0.007	0.003	0.004	0.01	0.014
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	81	132.	128.815	179.	72.	722.253	26.875	92.	107.	154.	160.6
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	82	161.	157.195	218.	88.	1060.184	32.56	112.	130.	186.25	195.4
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	42	0.	0.262	4.	0.	0.735	0.857	0.	0.	0.	1.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	76	344.5	767.984	4492.	0.	1163805.84	1078.798	39.1	111.5	906.	2765.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	82 ##	0.05	0.069	0.4	0.025	0.004	0.064	0.025	0.025	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	39 ##	0.025	0.023	0.15	0.005	0.001	0.023	0.005	0.01	0.025	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	47	0.5	0.502	1.45	0.01	0.131	0.362	0.09	0.24	0.65	1.156
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	62	0.7	1.011	6.3	0.1	1.019	1.009	0.3	0.393	1.246	2.11
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	39	0.27	0.357	1.5	0.01	0.094	0.307	0.043	0.15	0.55	0.8
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/23/91-06/30/99	20	0.171	0.22	0.817	0.04	0.03	0.173	0.07	0.107	0.293	0.397
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	78	0.245	0.373	1.74	0.01	0.158	0.398	0.05	0.08	0.505	0.982
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/01/90-06/30/99	20	0.02	0.028	0.163	0.005	0.001	0.034	0.006	0.013	0.032	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	47	5.4	6.63	23.8	2.3	15.961	3.995	3.34	4.5	7.6	10.9
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	82	211.6	208.577	422.6	85.7	4001.03	63.254	120.37	159.5	260.	272.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	82	50.8	51.044	110.	25.	194.703	13.954	33.44	40.	62.	65.4

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	82	20.	20.001	40.	8.	43.96	6.63	11.	14.	25.025	27.49
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	82	49.	46.693	84.	13.	331.397	18.204	22.	30.	62.	69.7
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	82	2.805	2.635	5.	1.	0.569	0.754	2.	2.	3.	4.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	82	15.5	15.384	28.	0.8	50.041	7.074	6.09	9.	21.25	24.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	82	170.	156.401	330.	40.	3857.239	62.107	74.308	102.	210.25	225.056
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	35	0.26	0.259	0.44	0.12	0.006	0.077	0.146	0.21	0.3	0.364
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	34	8.	8.412	24.	3.	13.401	3.661	4.5	6.	10.25	11.
01000p	ARSENIC, DISSOLVED (UG/L AS AS)	02/24/76-12/15/99	13 ##	2.5	2.154	2.5	0.9	0.359	0.599	0.94	1.8	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/26/92-12/15/99	9	60.	60.544	70.	50.9	30.018	5.479	50.9	57.5	64.5	70.
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	33	135.	150.576	430.	36.	4713.877	68.658	102.	112.5	172.5	210.
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	02/24/76-12/15/99	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/77-12/15/99	10 ##	2.5	2.35	2.5	1.	0.225	0.474	1.15	2.5	2.5	2.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	31 ##	2.5	3.532	14.	1.	8.182	2.86	2.1	2.5	2.5	9.
01040p	COPPER, DISSOLVED (UG/L AS CU)	02/24/76-12/15/99	12 ##	8.	10.833	40.	5.	92.879	9.637	5.3	6.	10.	32.5
01046p	IRON, DISSOLVED (UG/L AS FE)	05/18/76-12/15/99	14	43.1	47.171	100.	10.	1323.359	36.378	10.	10.	89.15	98.5
01049p	LEAD, DISSOLVED (UG/L AS PB)	02/24/76-12/15/99	9 ##	1.5	1.611	2.5	1.5	0.111	0.333	1.5	1.5	1.5	2.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/92-12/15/99	9	5.2	8.367	27.	2.5	64.185	8.012	2.5	2.5	11.9	27.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/26/92-12/15/99	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090p	ZINC, DISSOLVED (UG/L AS ZN)	01/25/77-12/15/99	11 ##	15.	15.091	31.	5.	43.091	6.564	6.	10.	15.	28.8
01145p	SELENIUM, DISSOLVED (UG/L AS SE)	05/18/76-12/15/99	13	1.	1.162	2.8	0.1	0.929	0.964	0.18	0.4	2.3	2.68
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	57 ##	0.5	0.535	2.5	0.25	0.318	0.564	0.25	0.25	0.5	0.6
03501	BETA, TOTAL	05/18/76-05/15/90	9	7.	7.667	18.	2.	22.5	4.743	2.	4.5	10.	18.
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/10/80-08/13/86	5	34.	65.4	152.	32.	2712.8	52.085	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	37	430.	1079.757	4800.	0.	1652638.3	1285.55	64.	210.	1500.	2940.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	37	2.633	2.665	3.681	0.	0.528	0.727	1.796	2.322	3.176	3.459
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			462.501								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	36	40.	234.278	2400.	0.	321931.163	567.39	8.7	11.5	103.	712.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	36	1.602	1.639	3.38	0.	0.584	0.764	0.939	1.061	2.013	2.848
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			43.584								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/03/81-08/25/88	11	100.	161.909	600.	0.	32812.491	181.142	1.2	20.	200.	553.6
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/03/81-08/25/88	11	2.	1.805	2.778	0.	0.679	0.824	0.156	1.301	2.301	2.736
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			63.804								
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-12/15/99	22	257.	240.773	339.	104.	5898.089	76.799	130.8	178.25	307.5	330.4
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-12/15/99	22	115.5	112.5	153.	54.	1000.452	31.63	64.3	90.75	142.25	149.6
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	83	424.	390.337	668.	162.	14073.275	118.631	232.	290.	494.	522.4
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	45	0.03	0.123	1.055	0.005	0.046	0.214	0.01	0.02	0.195	0.352
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/26/92-12/15/99	9 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	57	2.	2.619	10.	0.5	2.374	1.541	1.	2.	3.	4.1
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	58	0.1	0.117	0.39	0.025	0.008	0.087	0.025	0.044	0.153	0.24
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	57 ##	0.5	1.018	5.	0.5	1.384	1.176	0.5	0.5	1.	2.4
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	57 ##	2.5	5.781	30.	2.5	31.42	5.605	2.5	2.5	9.	11.4
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	58 ##	10.	14.112	57.	2.5	140.237	11.842	5.	5.	15.	30.3
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	62	3.7	5.063	23.	0.38	21.199	4.604	0.647	1.69	6.85	10.88
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	57	5.	7.149	23.	2.5	33.821	5.816	2.5	2.5	10.	19.2
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	58	230.	316.741	1300.	20.	83156.16	288.368	40.	105.	385.	714.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	57 ##	0.05	0.123	1.1	0.05	0.029	0.17	0.05	0.05	0.1	0.3
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	57 ##	1.	1.43	5.	0.5	1.2	1.096	1.	1.	1.	2.5
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	58	30.5	42.802	160.	2.5	1277.21	35.738	10.	20.	49.25	115.1

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/76-12/15/99	65	19.5	18.858	26.3	1.6	17.734	4.211	14.74	17.05	21.3	22.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-09/14/99	75	4150.	6455.56	24700.	1080.	31122549.763	5578.759	1616.	2280.	9200.	14840.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/76-12/15/99	72	39.	103.45	1000.	2.	29247.951	171.02	8.59	17.25	100.	312.6

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/78-12/15/99	61	487.	483.295	787.	210.	34871.011	186.738	231.	288.	663.5	714.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/24/76-12/15/99	73	518.	502.603	980.	195.	38050.465	195.065	245.2	300.	675.	740.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-12/15/99	32	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	03/23/76-12/15/99	58	7.55	7.527	9.9	5.2	1.019	1.01	5.78	7.05	8.225	8.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/76-07/06/88	33	1.	0.97	2.	0.5	0.202	0.45	0.5	0.5	1.	2.
00335	COD, .025N K2CR2O7 MG/L	03/23/76-06/26/90	50	14.5	15.95	58.	4.	111.125	10.542	5.	7.5	20.25	33.6
00400p	PH (STANDARD UNITS)	02/24/76-12/15/99	55	8.2	8.185	8.8	7.1	0.127	0.356	7.66	8.1	8.4	8.6
00400p	CONVERTED PH (STANDARD UNITS)	02/24/76-12/15/99	55	8.2	7.998	8.8	7.1	0.163	0.403	7.66	8.1	8.4	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/76-12/15/99	55	0.006	0.01	0.079	0.002	0.	0.014	0.003	0.004	0.008	0.022
00405p	CARBON DIOXIDE (MG/L AS CO2)	02/24/76-12/15/99	75	1.	2.267	23.	0.	14.441	3.8	1.	1.	2.	3.4
00406p	PH, FIELD, STANDARD UNITS SU	03/23/76-12/15/99	60	8.3	8.273	8.8	6.9	0.132	0.364	7.9	8.1	8.5	8.6
00406p	CONVERTED PH, FIELD, STANDARD UNITS	03/23/76-12/15/99	60	8.3	8.015	8.8	6.9	0.2	0.447	7.9	8.1	8.5	8.6
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/76-12/15/99	60	0.005	0.01	0.126	0.002	0.	0.021	0.003	0.003	0.008	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	71	124.	115.155	161.	59.	1040.79	32.261	66.	80.	144.	150.6
00440p	BICARBONATE ION (MG/L AS HCO3)	02/24/76-12/15/99	72	150.5	138.208	196.	68.	1525.435	39.057	81.	96.25	172.75	181.4
00445	CARBONATE ION (MG/L AS CO3)	03/06/79-12/15/99	45	0.	1.111	6.	0.	2.828	1.682	0.	0.	2.	4.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/23/76-12/15/99	66	95.	212.186	1854.	0.	94604.226	307.578	9.7	39.45	262.25	641.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/76-06/30/99	67 ##	0.05	0.087	2.3	0.003	0.076	0.276	0.025	0.025	0.06	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-04/07/88	36 ##	0.025	0.022	0.1	0.005	0.	0.018	0.005	0.005	0.025	0.033
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/24/76-04/07/88	41	0.2	0.236	0.89	0.005	0.04	0.201	0.025	0.07	0.33	0.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/76-06/03/97	56	0.435	0.545	1.9	0.05	0.152	0.389	0.191	0.3	0.675	1.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/04/78-12/15/99	35	0.1	0.133	0.5	0.01	0.012	0.112	0.019	0.04	0.2	0.288
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/23/91-06/30/99	13	0.05	0.086	0.3	0.01	0.008	0.088	0.01	0.032	0.133	0.266
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/76-12/15/99	68	0.07	0.141	1.04	0.01	0.031	0.175	0.025	0.04	0.223	0.338
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/01/90-06/30/99	11	0.013	0.015	0.044	0.005	0.	0.011	0.005	0.01	0.02	0.039
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/03/77-06/26/90	41	4.8	7.207	19.	2.	21.745	4.663	3.12	3.6	11.1	14.52
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/24/76-12/15/99	71	178.7	179.289	390.	78.	4547.821	67.438	88.	109.1	234.	259.84
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	02/24/76-12/15/99	71	43.6	43.873	85.	21.	231.227	15.206	24.	28.	57.	63.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/24/76-12/15/99	71	17.	16.946	43.	2.	54.773	7.401	7.	10.	23.	24.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	02/24/76-12/15/99	71	44.	40.061	96.	11.	383.645	19.587	15.	20.	56.	62.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	02/24/76-12/15/99	72	2.	2.215	5.	1.	0.649	0.806	1.	1.775	3.	3.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	02/24/76-12/15/99	72	15.75	15.068	29.	3.	60.456	7.775	4.72	6.125	22.	24.7
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	02/24/76-12/15/99	72	124.	124.227	347.	35.	4079.097	63.868	47.	64.2	178.163	197.495
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/24/76-06/22/83	30	0.185	0.203	0.41	0.1	0.006	0.078	0.11	0.138	0.253	0.318
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/24/76-06/22/83	30	7.	6.7	13.	3.	5.872	2.423	4.	4.75	8.	10.
01000p	ARSENIC, DISSOLVED (UG/L AS AS)	02/24/76-12/15/99	13 ##	2.5	2.277	2.5	1.	0.222	0.471	1.24	2.25	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/26/92-12/15/99	10	62.	58.5	72.	39.	160.722	12.678	39.1	46.75	71.	71.9
01020	BORON, DISSOLVED (UG/L AS B)	02/24/76-04/28/83	29	117.	124.517	220.	50.	1374.044	37.068	75.	105.	150.	179.
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	02/24/76-12/15/99	11 ##	0.5	0.636	2.	0.5	0.205	0.452	0.5	0.5	0.5	1.7
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/77-12/15/99	11 ##	2.5	3.182	10.	2.5	5.114	2.261	2.5	2.5	2.5	8.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/76-06/22/83	25 ##	2.5	2.54	5.	1.	0.352	0.594	2.5	2.5	2.5	2.5
01040p	COPPER, DISSOLVED (UG/L AS CU)	02/24/76-12/15/99	12 ##	6.	8.	15.	5.	8.909	2.985	5.3	6.	10.	13.5
01046p	IRON, DISSOLVED (UG/L AS FE)	05/18/76-12/15/99	11	29.9	28.718	75.	10.	466.394	21.596	10.	10.	42.	70.4
01049p	LEAD, DISSOLVED (UG/L AS PB)	02/24/76-12/15/99	10 ##	1.5	1.7	2.5	1.5	0.178	0.422	1.5	1.5	1.75	2.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/92-12/15/99	10 ##	2.5	3.98	7.1	2.5	3.906	1.976	2.5	2.5	6.325	7.03
01075	SILVER, DISSOLVED (UG/L AS AG)	05/26/92-12/15/99	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090p	ZINC, DISSOLVED (UG/L AS ZN)	01/25/77-12/15/99	11 ##	15.	13.636	15.	10.	5.455	2.335	10.	10.	15.	15.
01145p	SELENIUM, DISSOLVED (UG/L AS SE)	05/18/76-12/15/99	12 ##	0.5	0.967	2.5	0.2	0.726	0.852	0.26	0.5	1.75	2.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-04/22/92	48 ##	0.5	0.547	2.5	0.25	0.289	0.538	0.25	0.25	0.5	1.
03501	BETA, TOTAL	05/18/76-05/15/90	13	5.	5.	10.	2.	4.833	2.198	2.	3.5	6.5	8.8
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	04/10/80-08/13/86	10	17.5	83.8	500.	5.	23777.067	154.198	5.	5.	100.5	465.9
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	33	240.	1307.909	9300.	23.	6052344.335	2460.151	44.	95.	915.	5600.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/23/76-08/25/88	33	2.38	2.538	3.968	1.362	0.521	0.722	1.641	1.977	2.961	3.746
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			345.006								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	28	59.5	469.768	7500.	0.	2111473.861	1453.091	7.8	13.625	282.5	915.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/23/76-08/25/88	28	1.757	1.829	3.875	0.	0.685	0.828	0.891	1.121	2.448	2.926
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			67.39								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/03/81-08/25/88	12	200.	337.667	1600.	12.	184865.333	429.96	14.4	100.	415.	1264.
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/03/81-08/25/88	12	2.301	2.231	3.204	1.079	0.355	0.596	1.146	2.	2.618	3.047

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

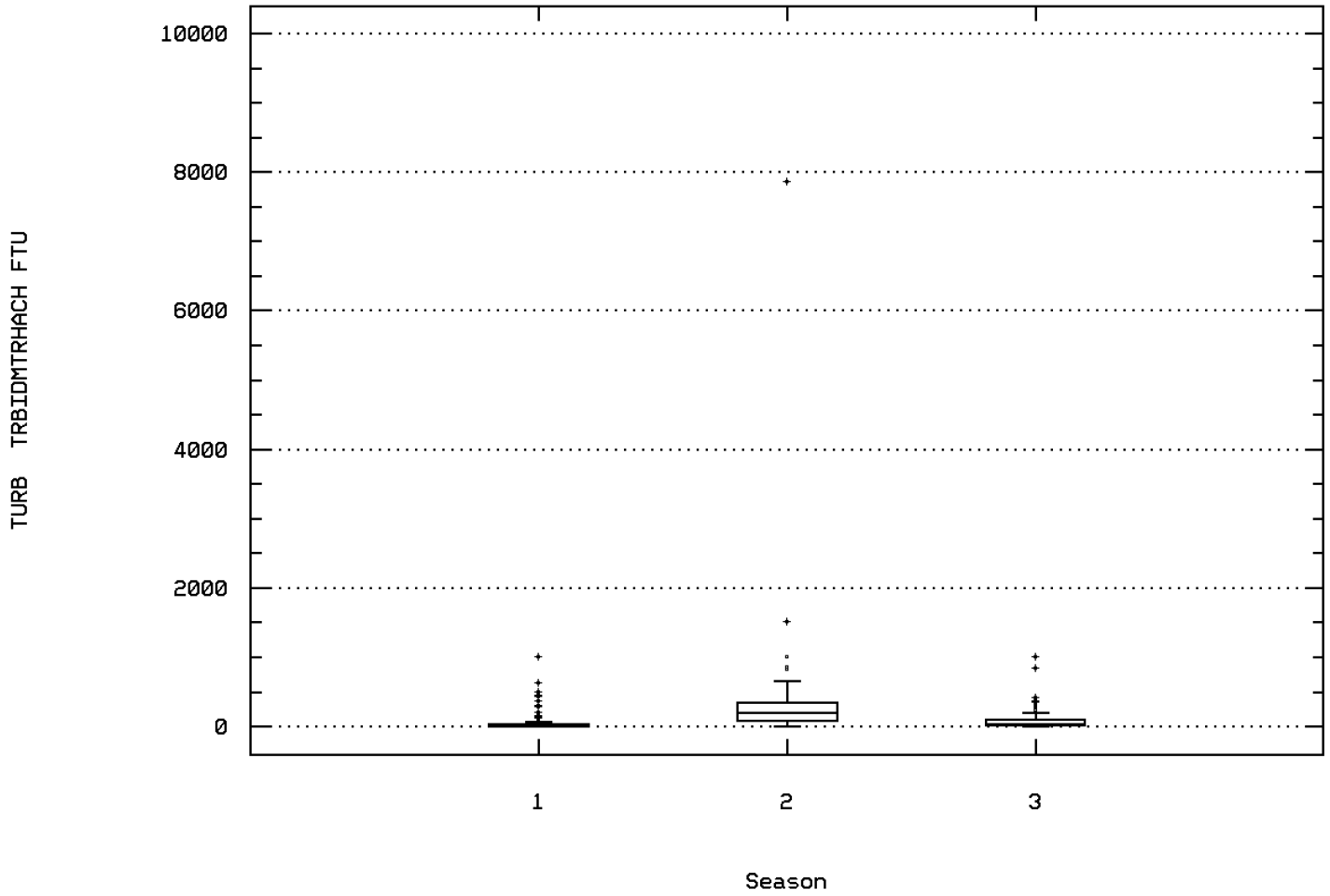
Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			170.287								
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-12/15/99	18	206.5	196.167	323.	87.	7490.618	86.548	91.5	104.25	280.5	318.5
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-12/15/99	18	100.5	95.833	162.	45.	1586.382	39.829	45.9	54.75	133.	144.9
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/24/76-12/15/99	73	330.	323.192	686.	116.	16567.907	128.716	156.4	202.	441.	470.8
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/24/76-04/07/88	36	0.02	0.055	0.37	0.005	0.007	0.083	0.01	0.01	0.05	0.2
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/26/92-12/15/99	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	49	1.	1.669	7.5	0.25	1.922	1.386	0.25	1.	2.25	3.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-04/22/92	48	0.06	0.068	0.23	0.025	0.002	0.048	0.025	0.025	0.08	0.151
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	47 ##	0.5	0.511	1.	0.5	0.005	0.073	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	47 ##	2.5	5.394	50.	1.5	72.478	8.513	2.5	2.5	2.5	10.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	50 ##	10.	8.71	25.	2.5	18.358	4.285	5.	5.	10.	15.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/24/76-04/22/92	53	1.	1.727	12.2	0.13	4.474	2.115	0.292	0.485	1.99	4.05
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	47 ##	2.5	3.532	15.	2.5	5.841	2.417	2.5	2.5	2.5	5.4
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/31/78-04/22/92	51	56.	97.647	815.	5.	16544.993	128.627	16.	30.	115.	247.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	47 ##	0.05	0.066	0.2	0.01	0.001	0.031	0.05	0.05	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-04/22/92	47 ##	1.	1.245	2.5	1.	0.303	0.55	1.	1.	1.	2.5
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/28/78-04/22/92	49	15.	22.806	85.	2.5	363.998	19.079	5.	10.	29.	55.

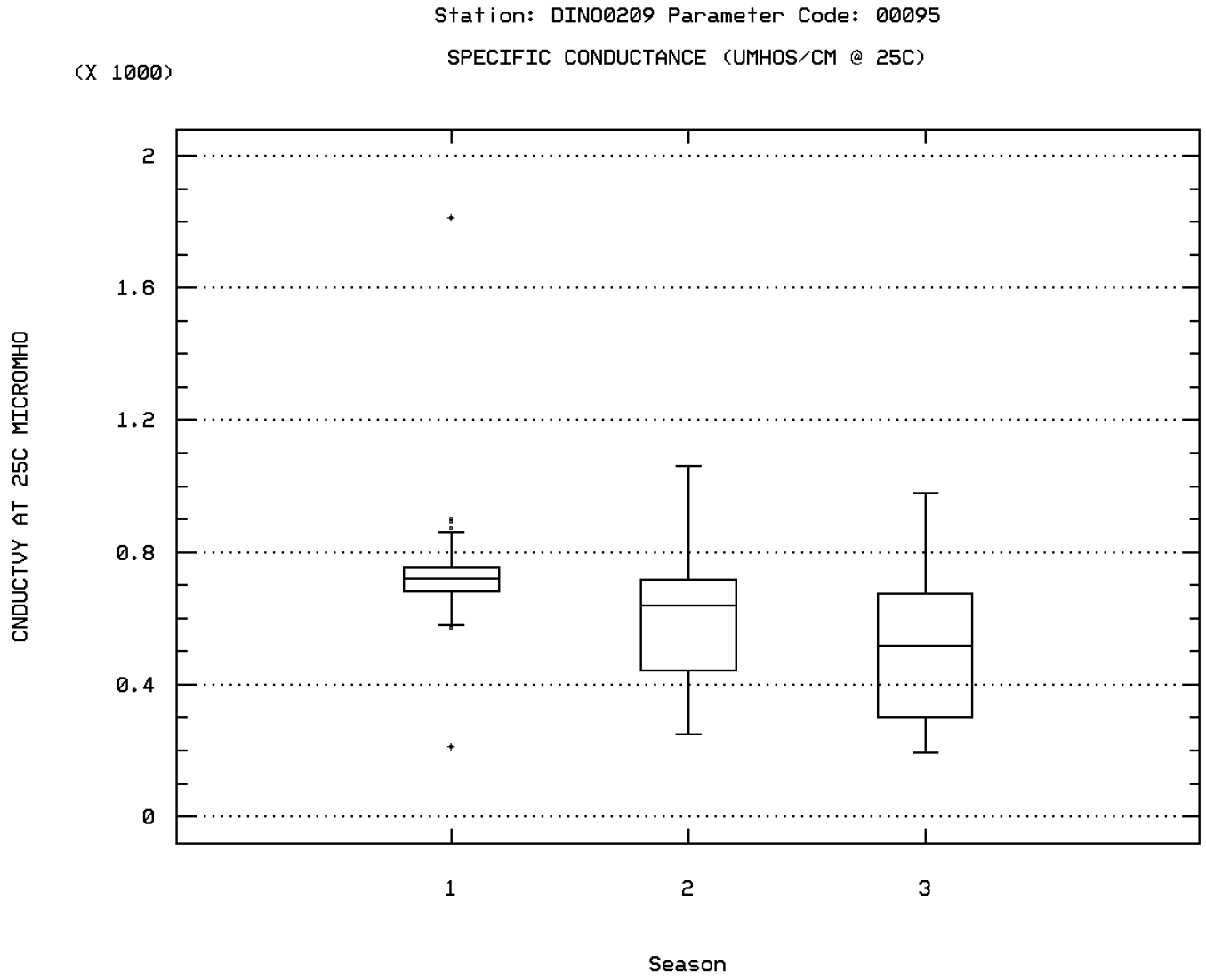
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: DINO0209 Parameter Code: 00076

TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



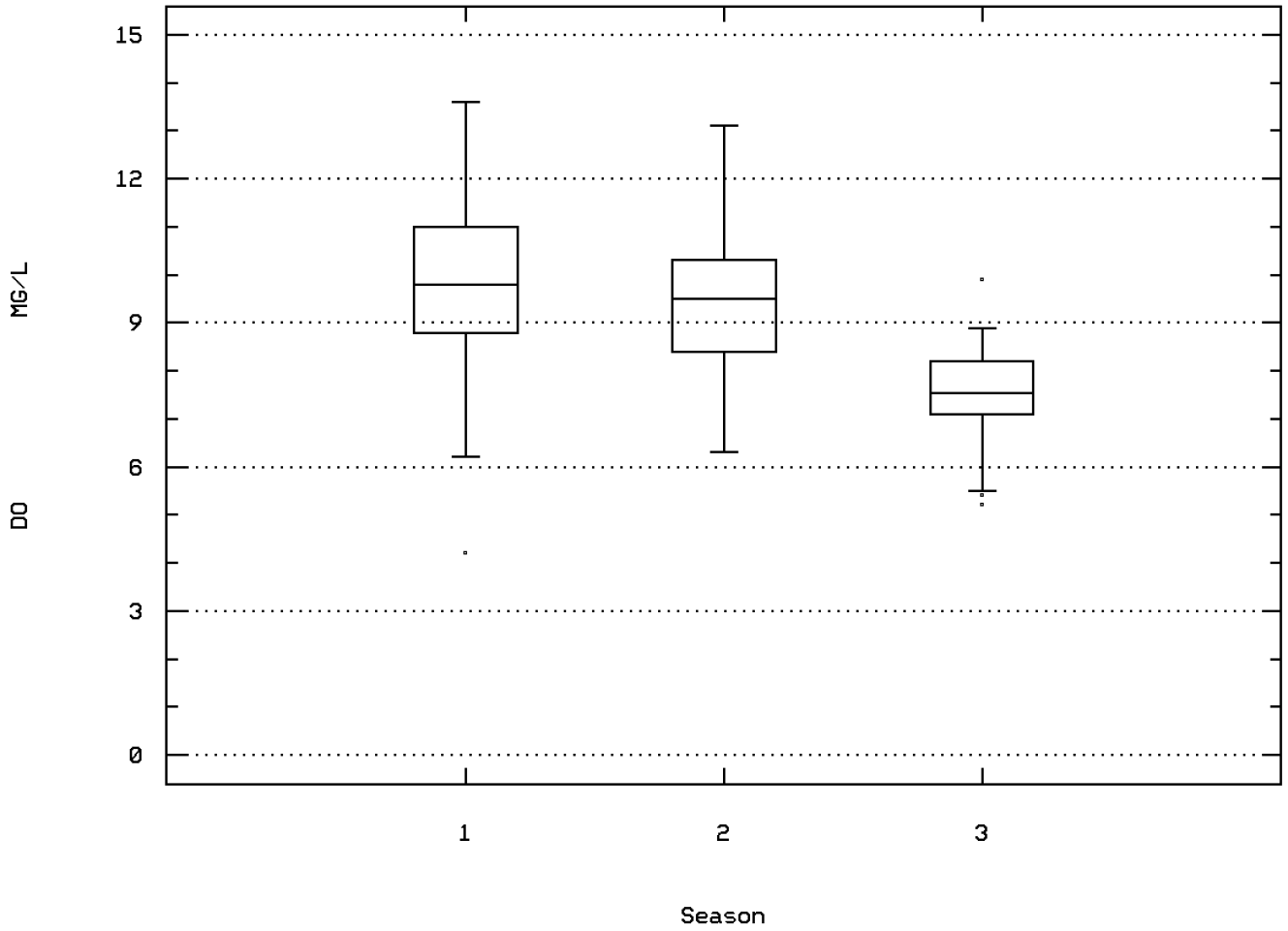
GREEN R AT DINOSAUR NATL MONUMENT U149



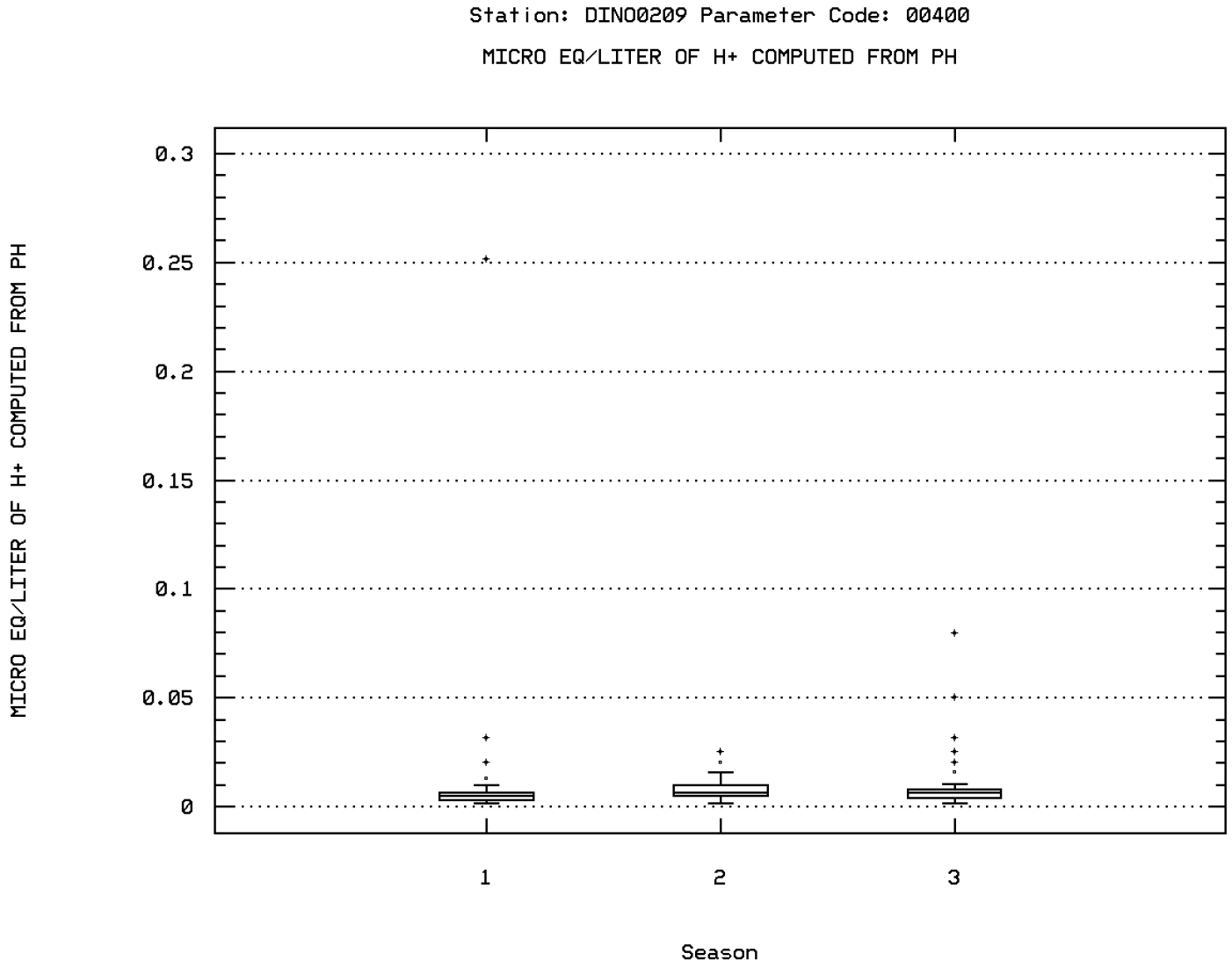
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00300

OXYGEN, DISSOLVED



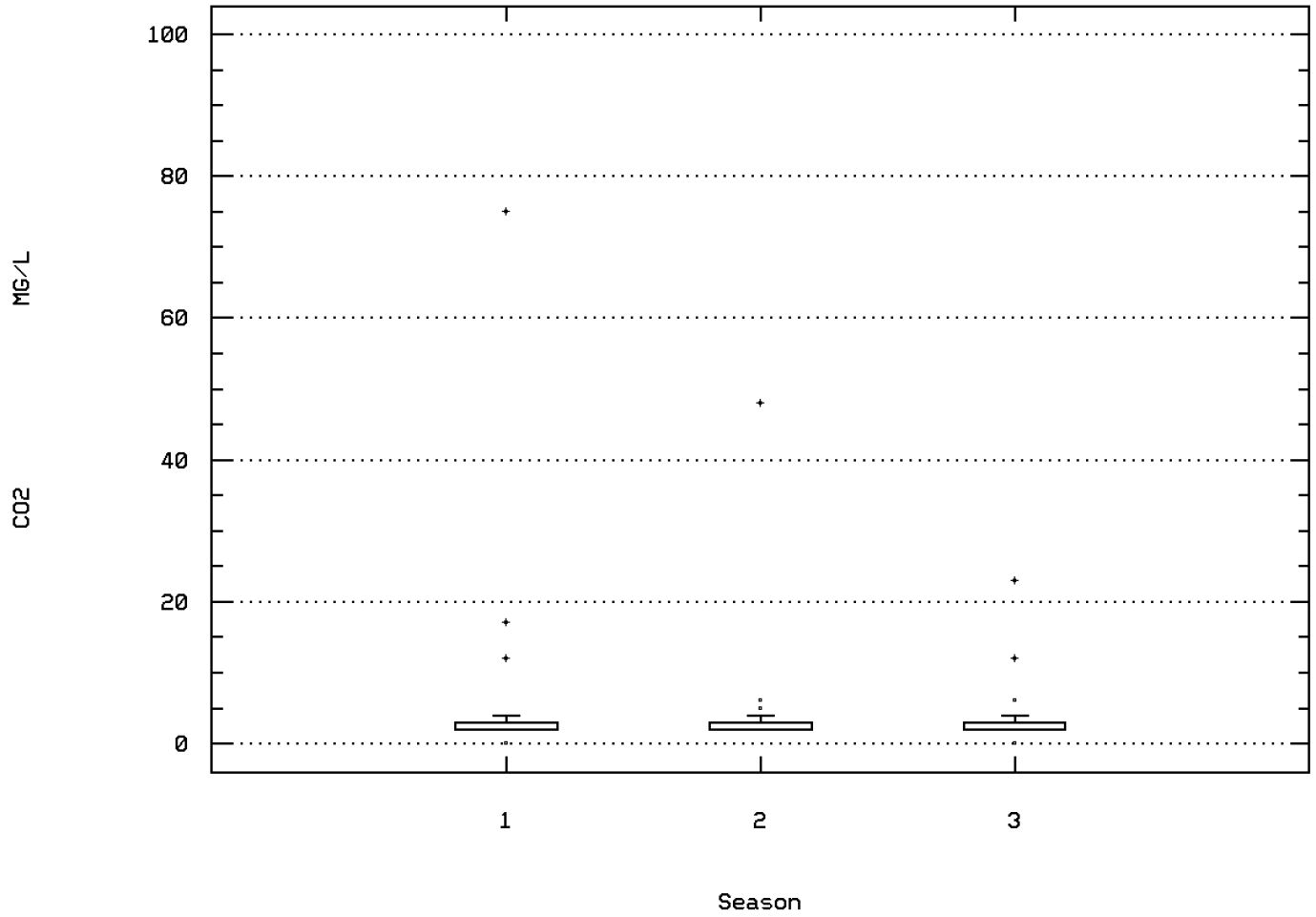
GREEN R AT DINOSAUR NATL MONUMENT U149



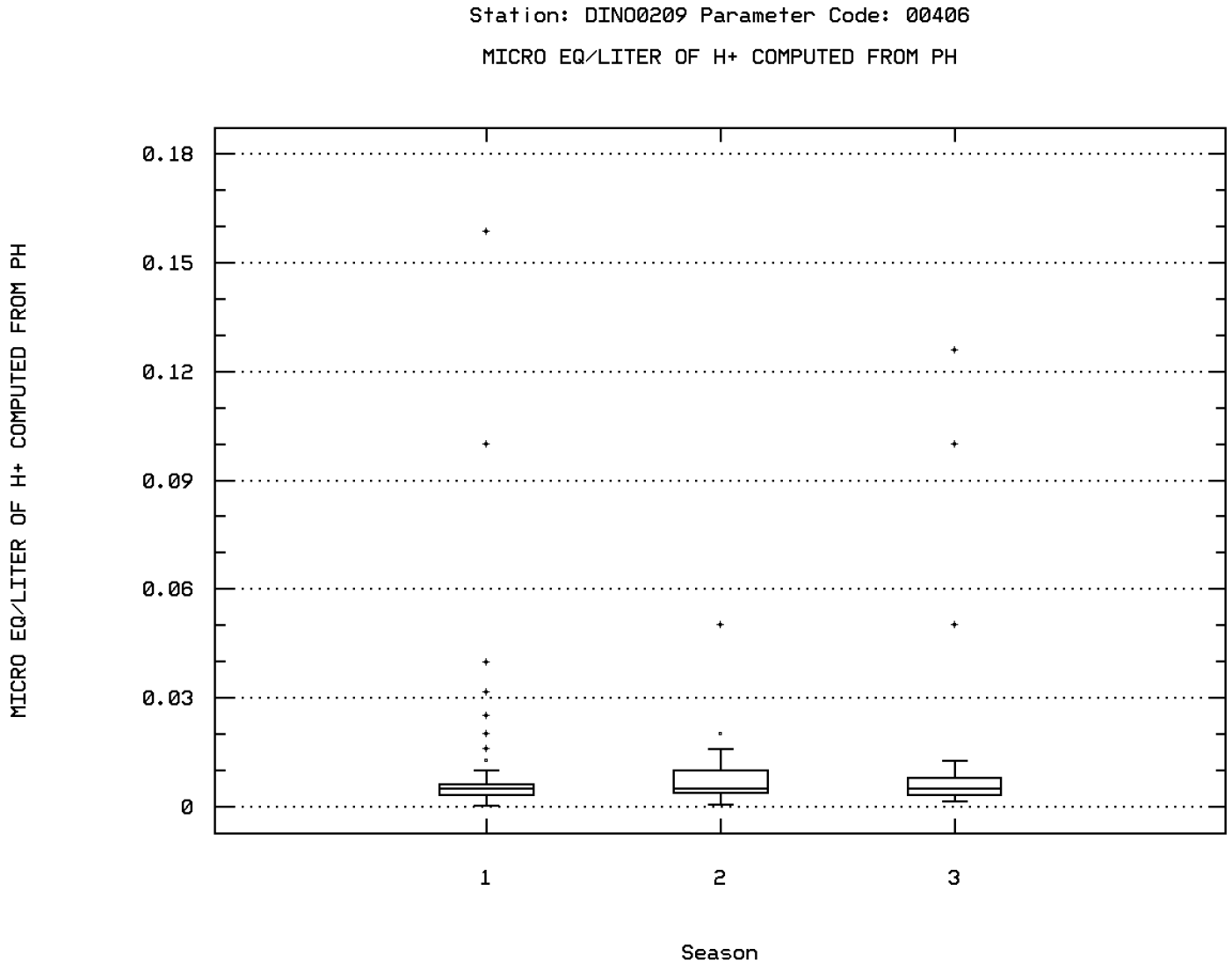
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00405

CARBON DIOXIDE (MG/L AS CO2)



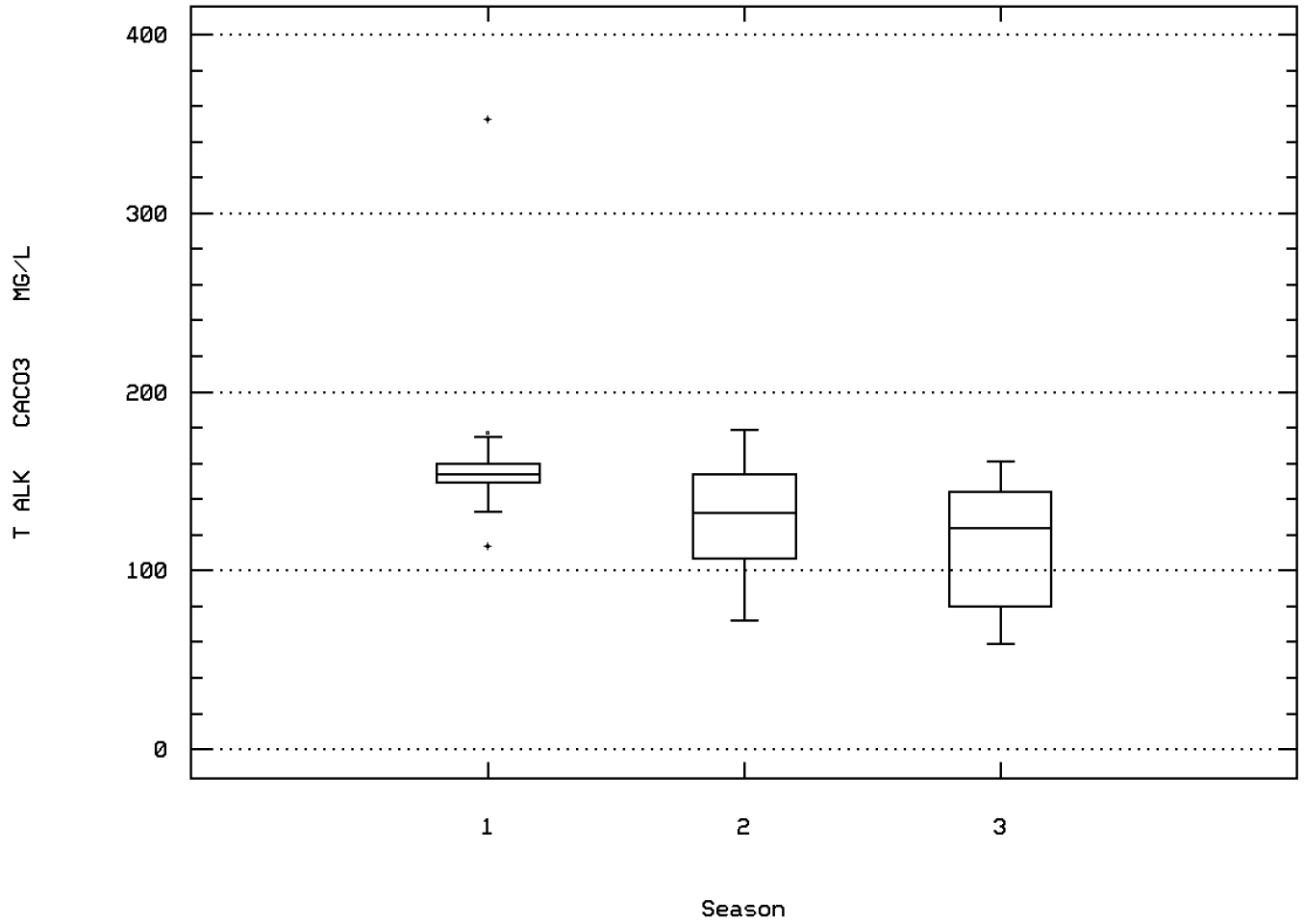
GREEN R AT DINOSAUR NATL MONUMENT U149



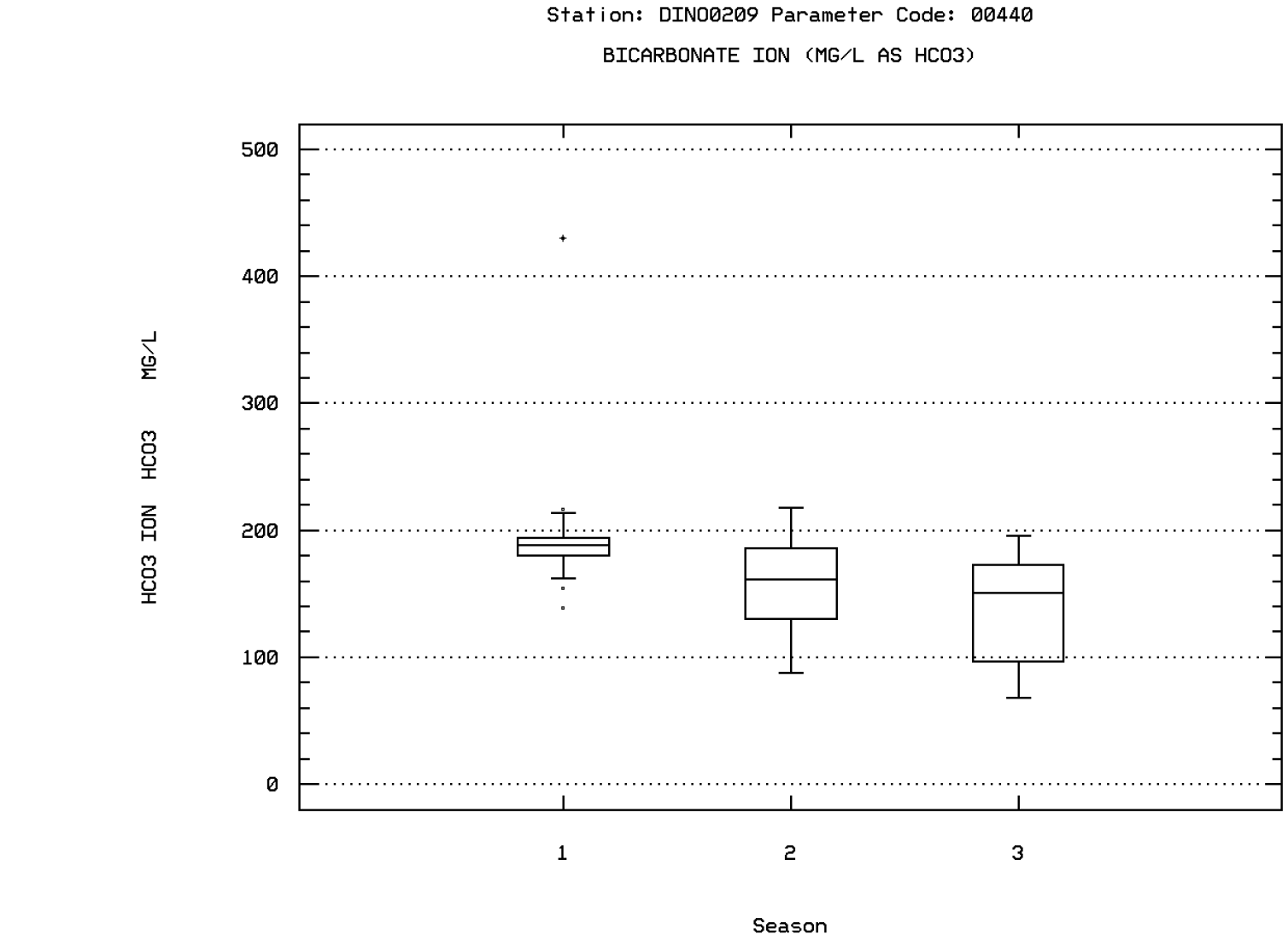
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



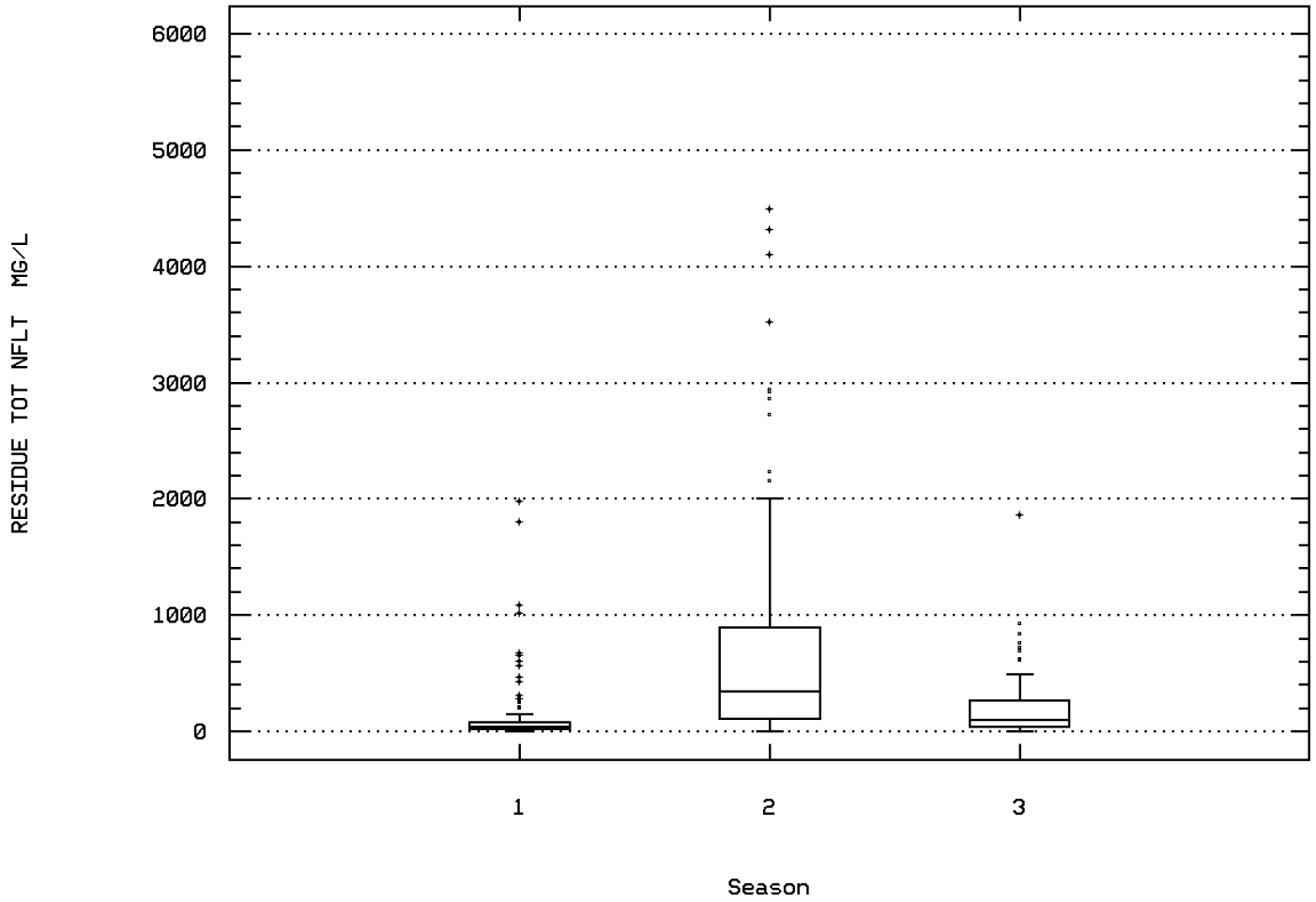
GREEN R AT DINOSAUR NATL MONUMENT U149



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00530

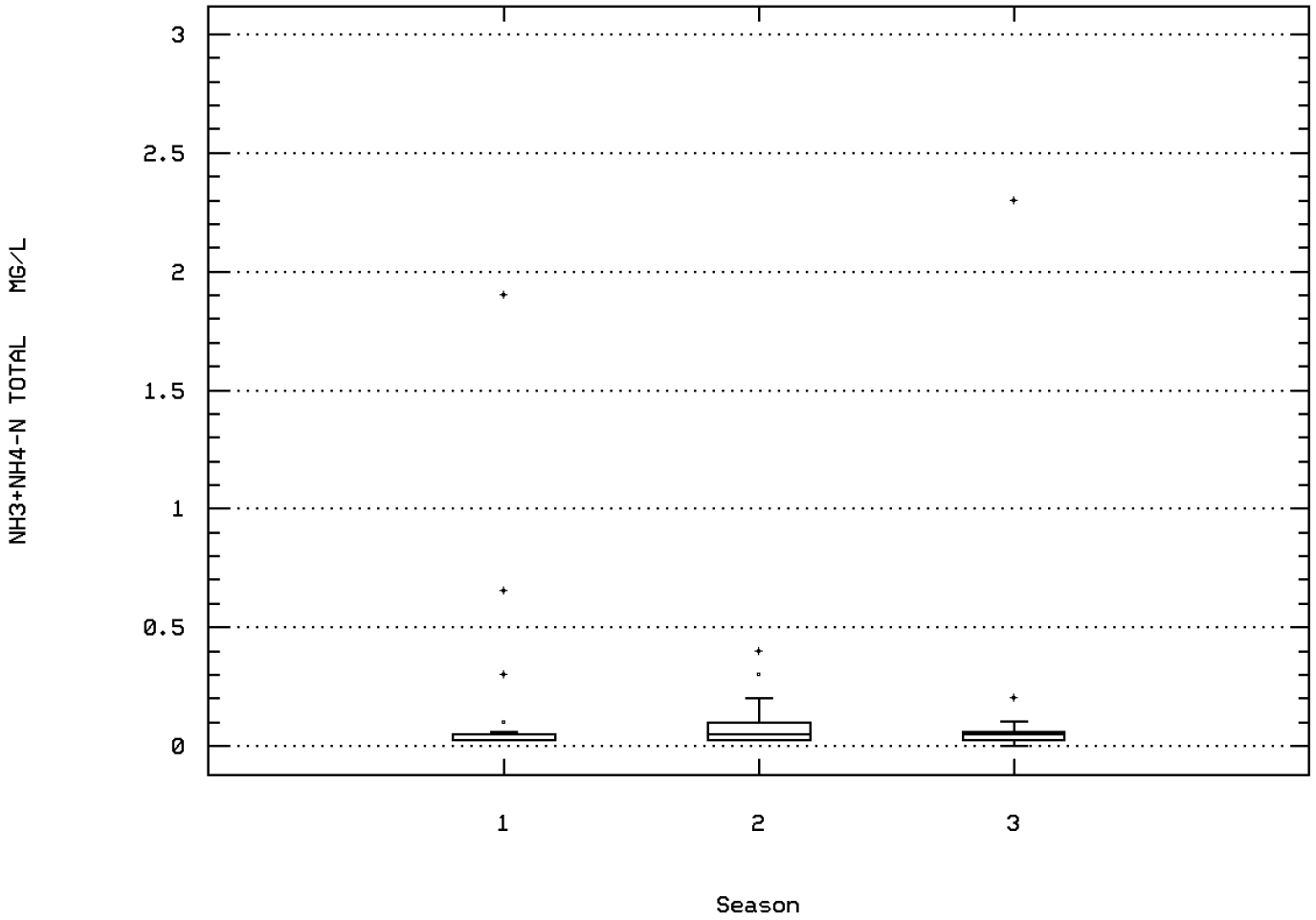
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00610

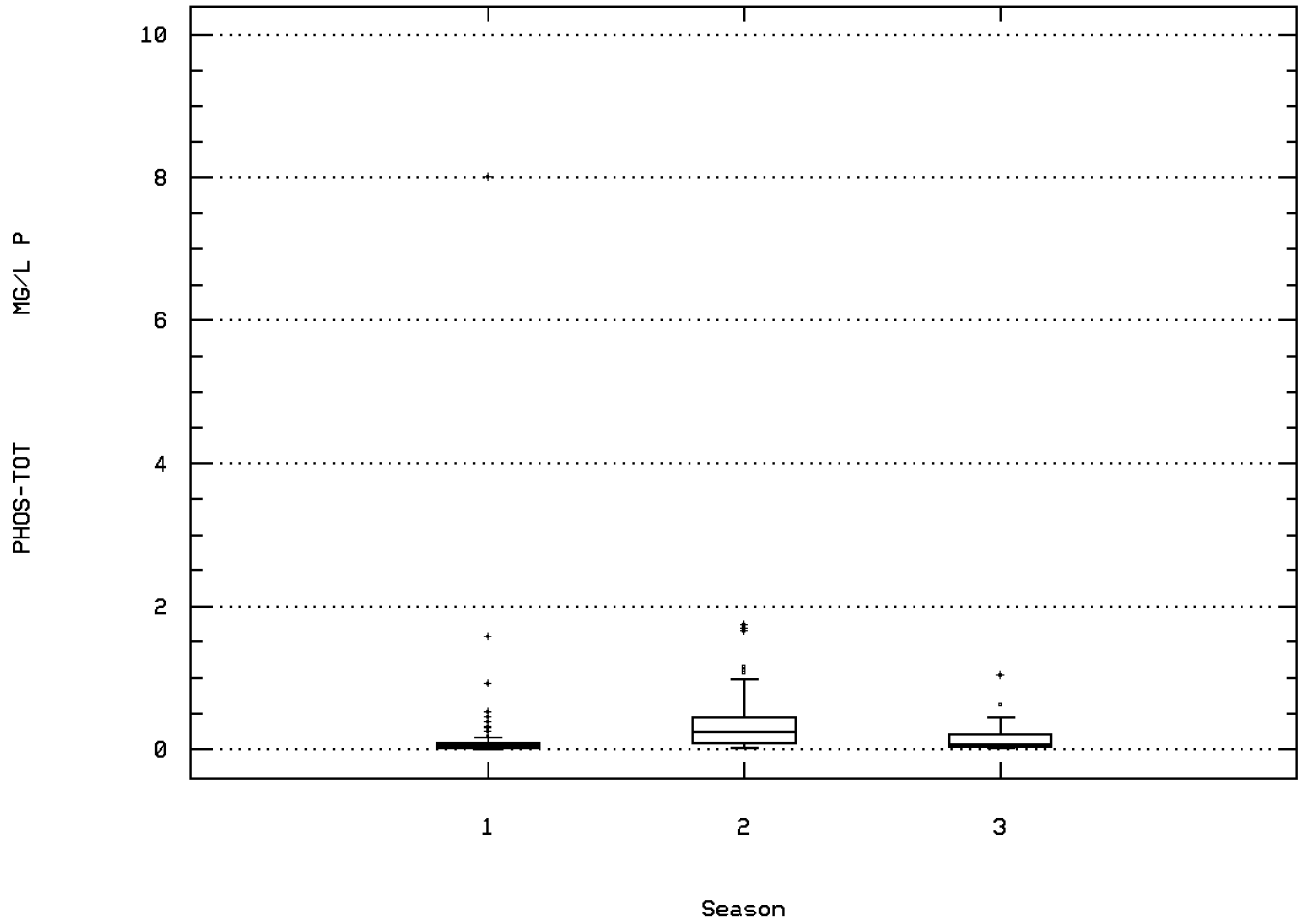
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00665

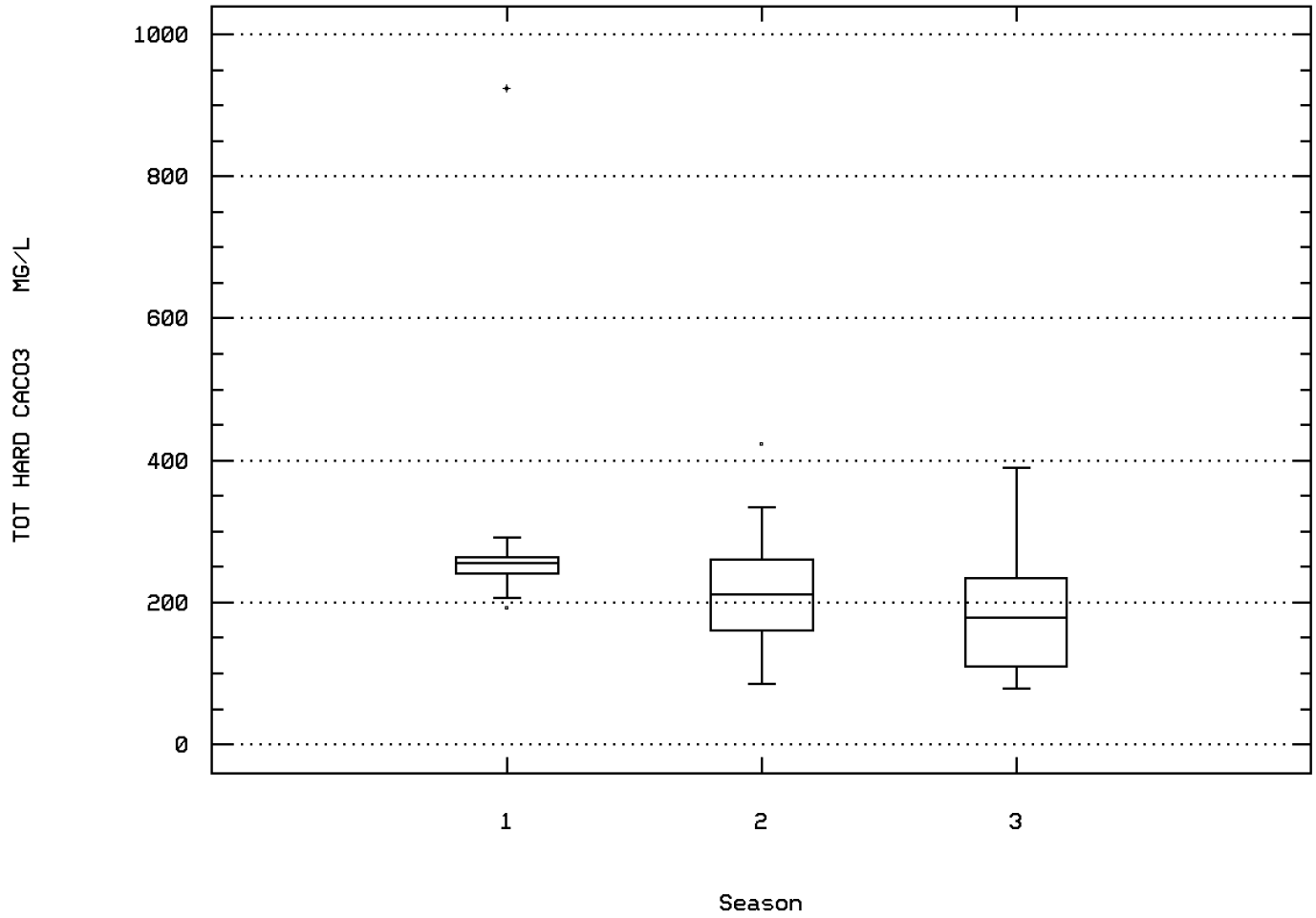
PHOSPHORUS, TOTAL (MG/L AS P)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00900

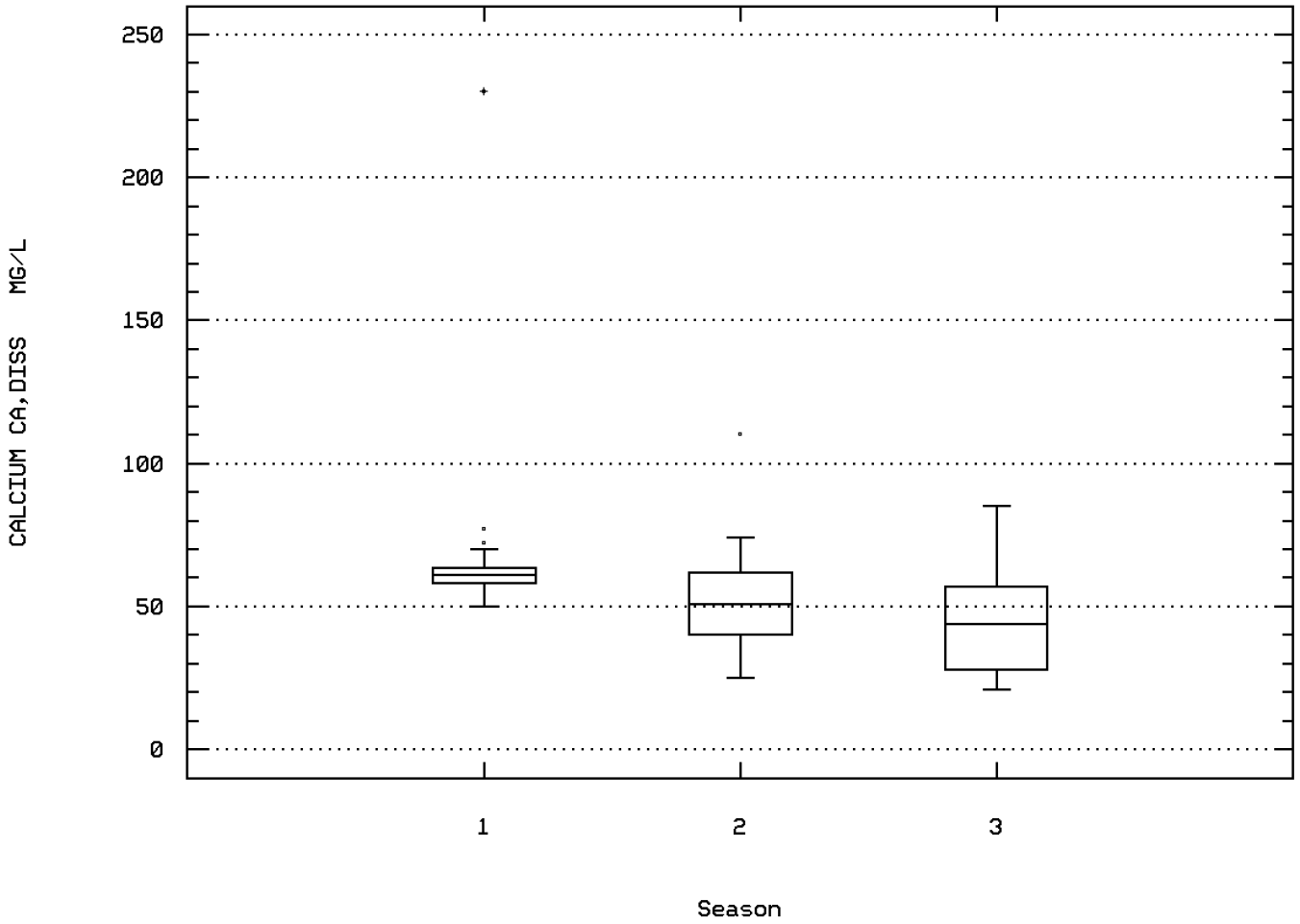
HARDNESS, TOTAL (MG/L AS CACO3)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00915

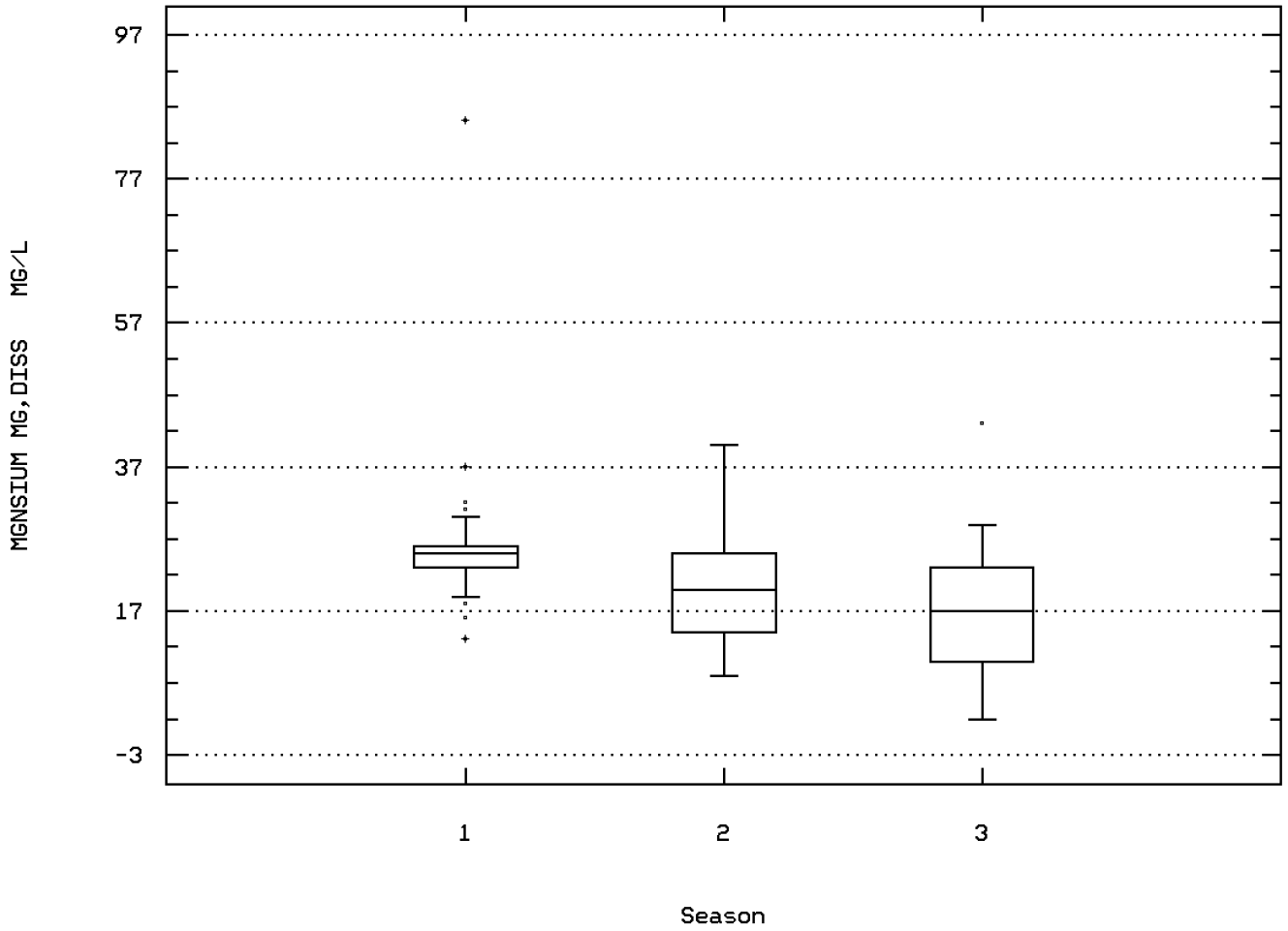
CALCIUM, DISSOLVED (MG/L AS CA)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00925

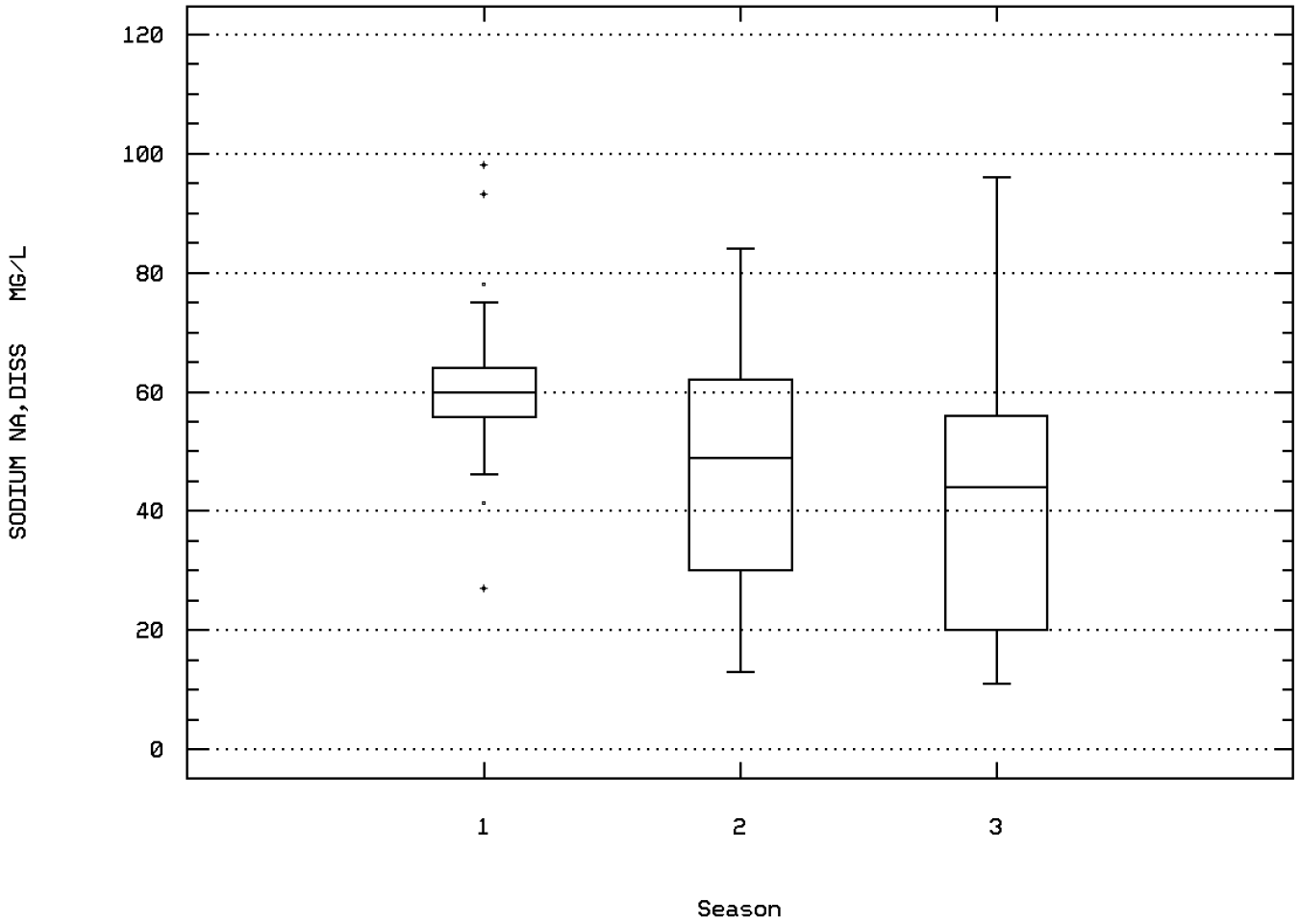
MAGNESIUM, DISSOLVED (MG/L AS MG)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00930

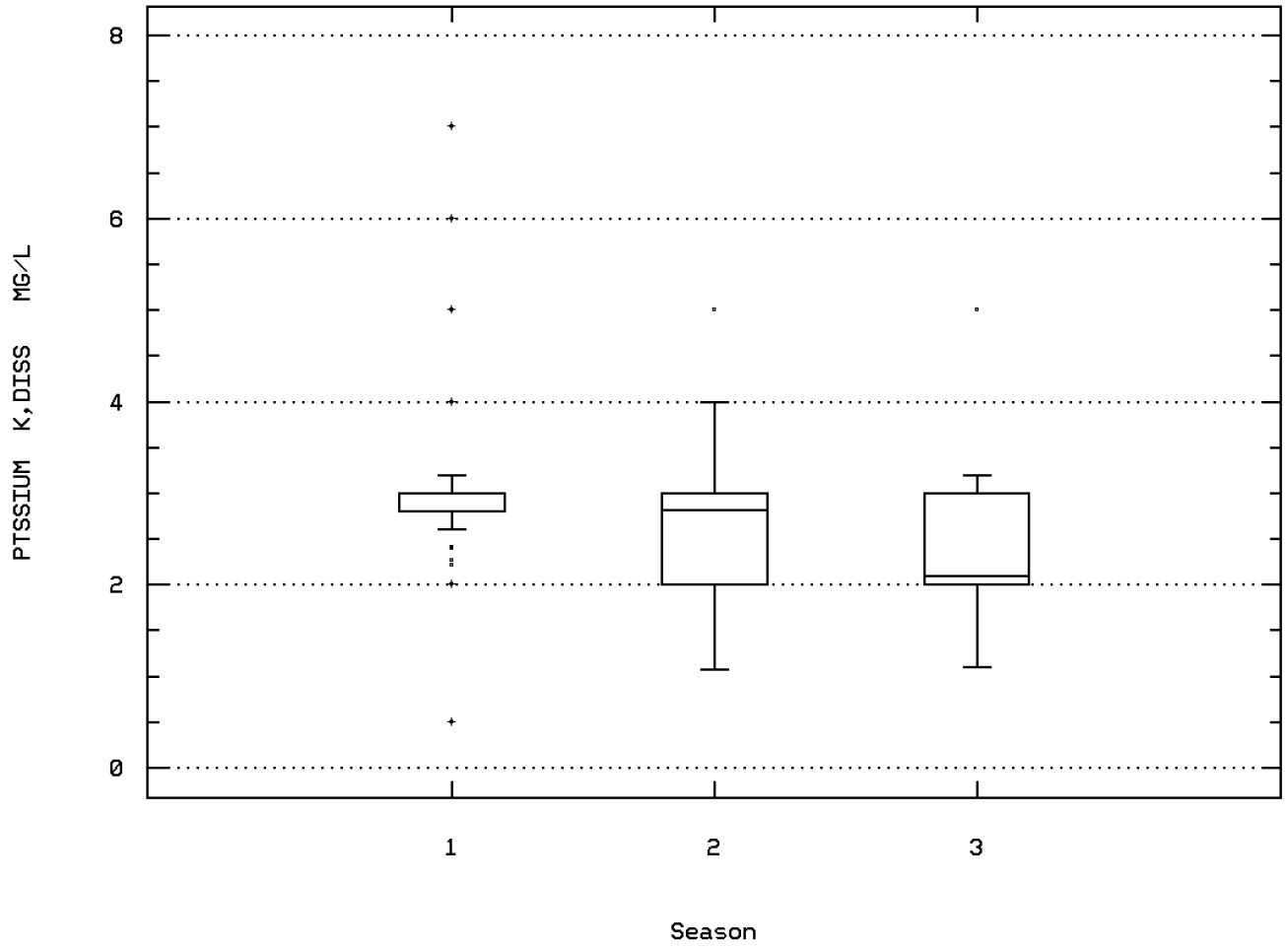
SODIUM, DISSOLVED (MG/L AS NA)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00935

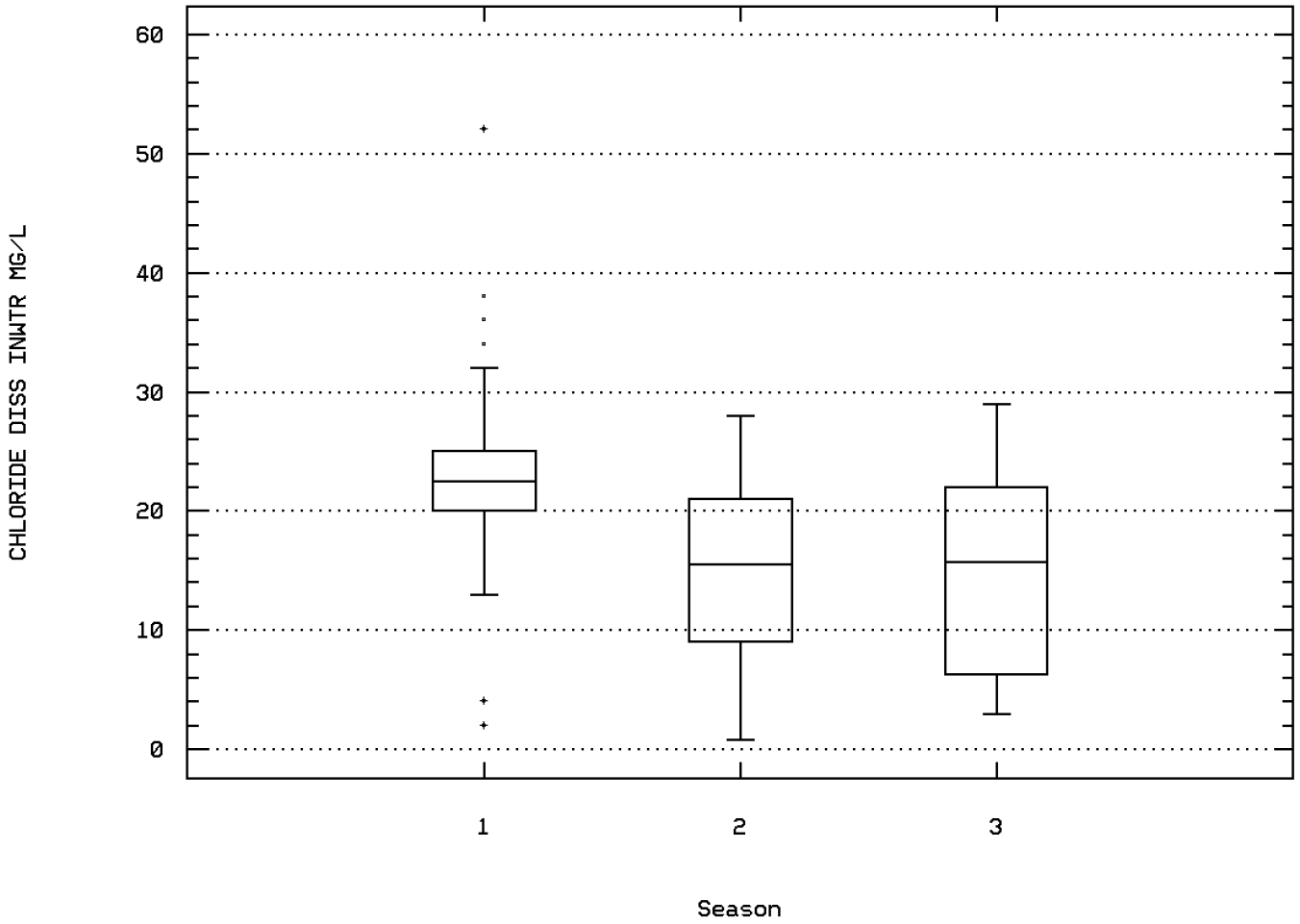
POTASSIUM, DISSOLVED (MG/L AS K)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00941

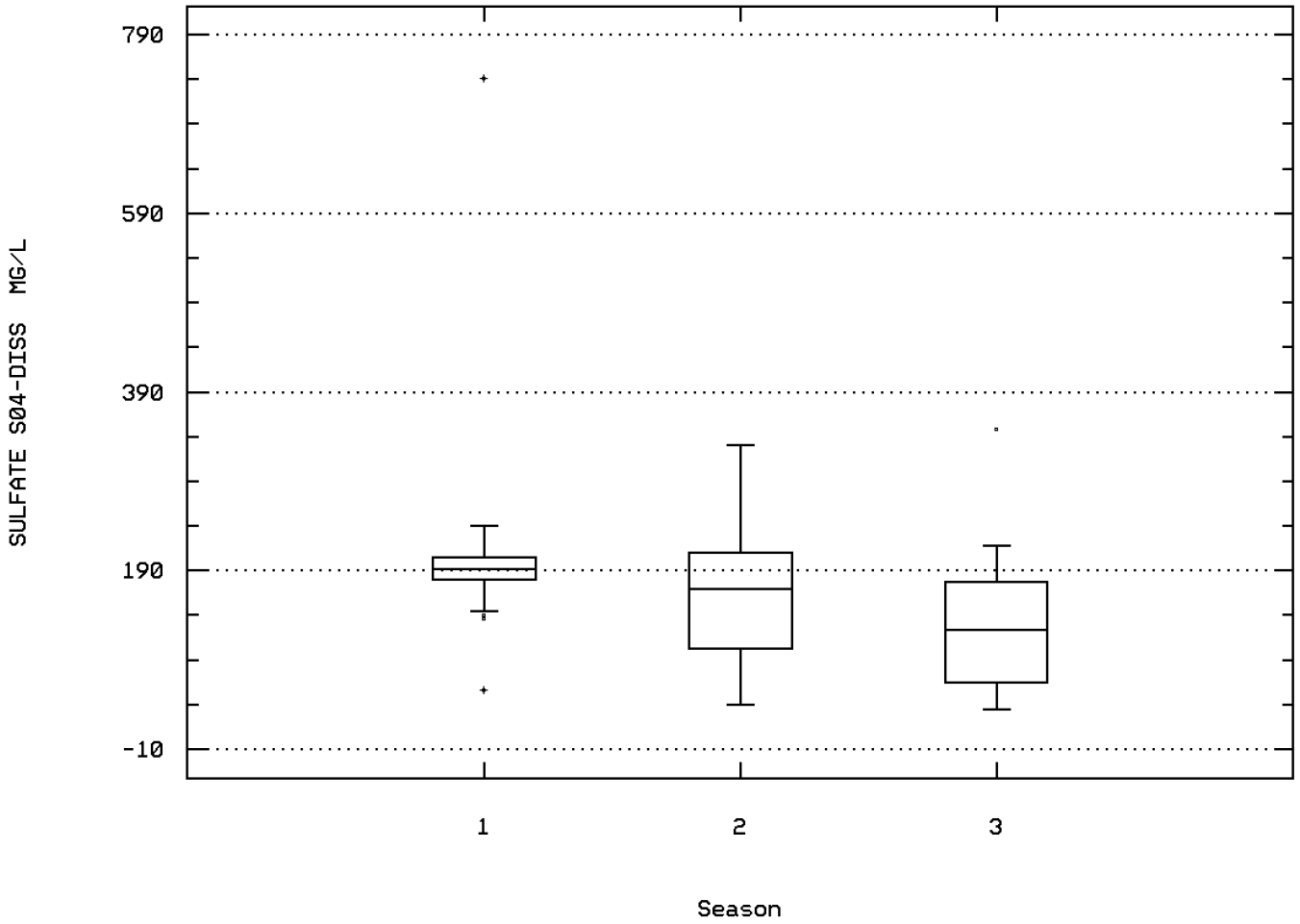
CHLORIDE, DISSOLVED IN WATER



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 00946

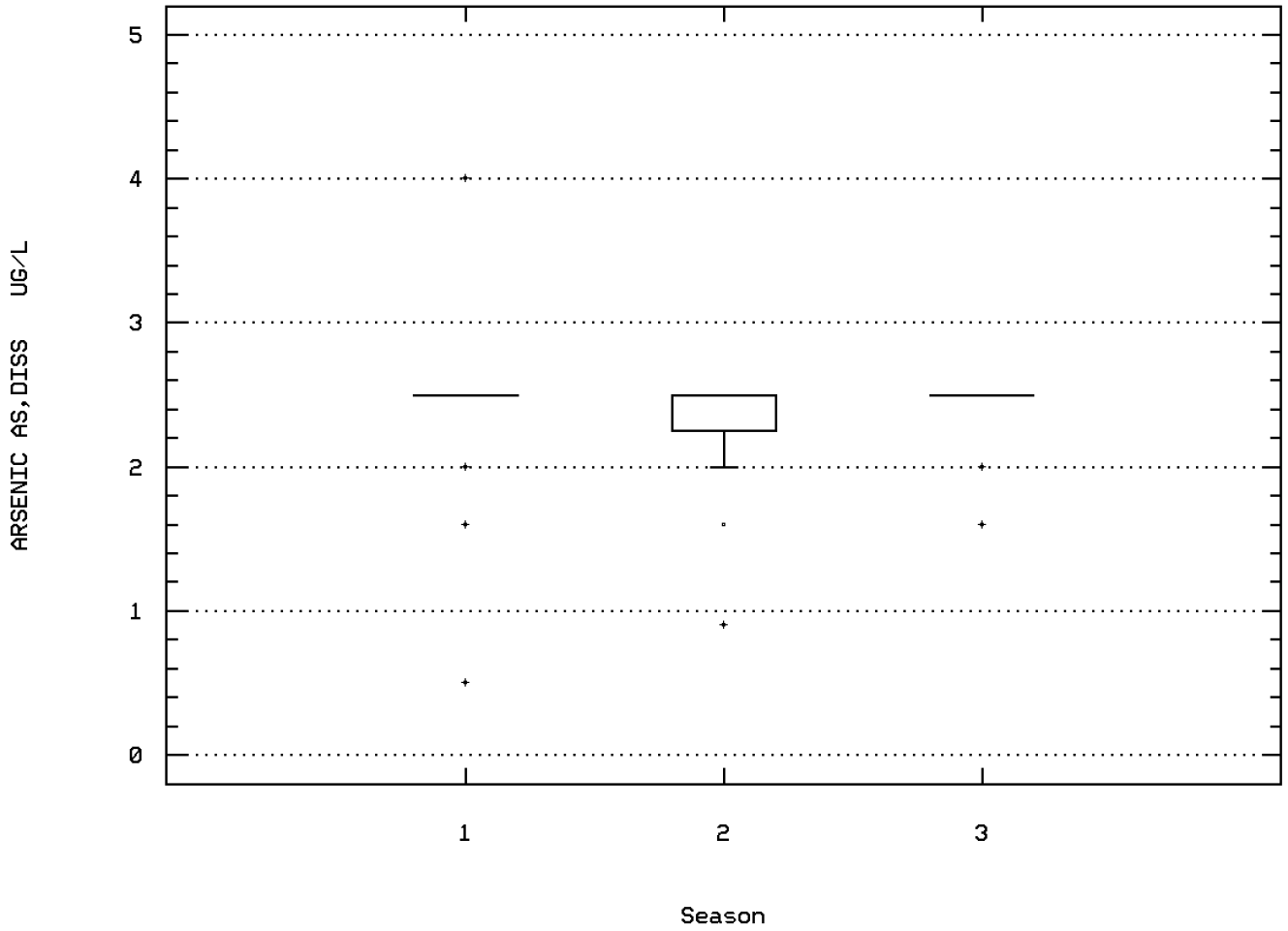
SULFATE, DISSOLVED (MG/L AS SO4)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 01000

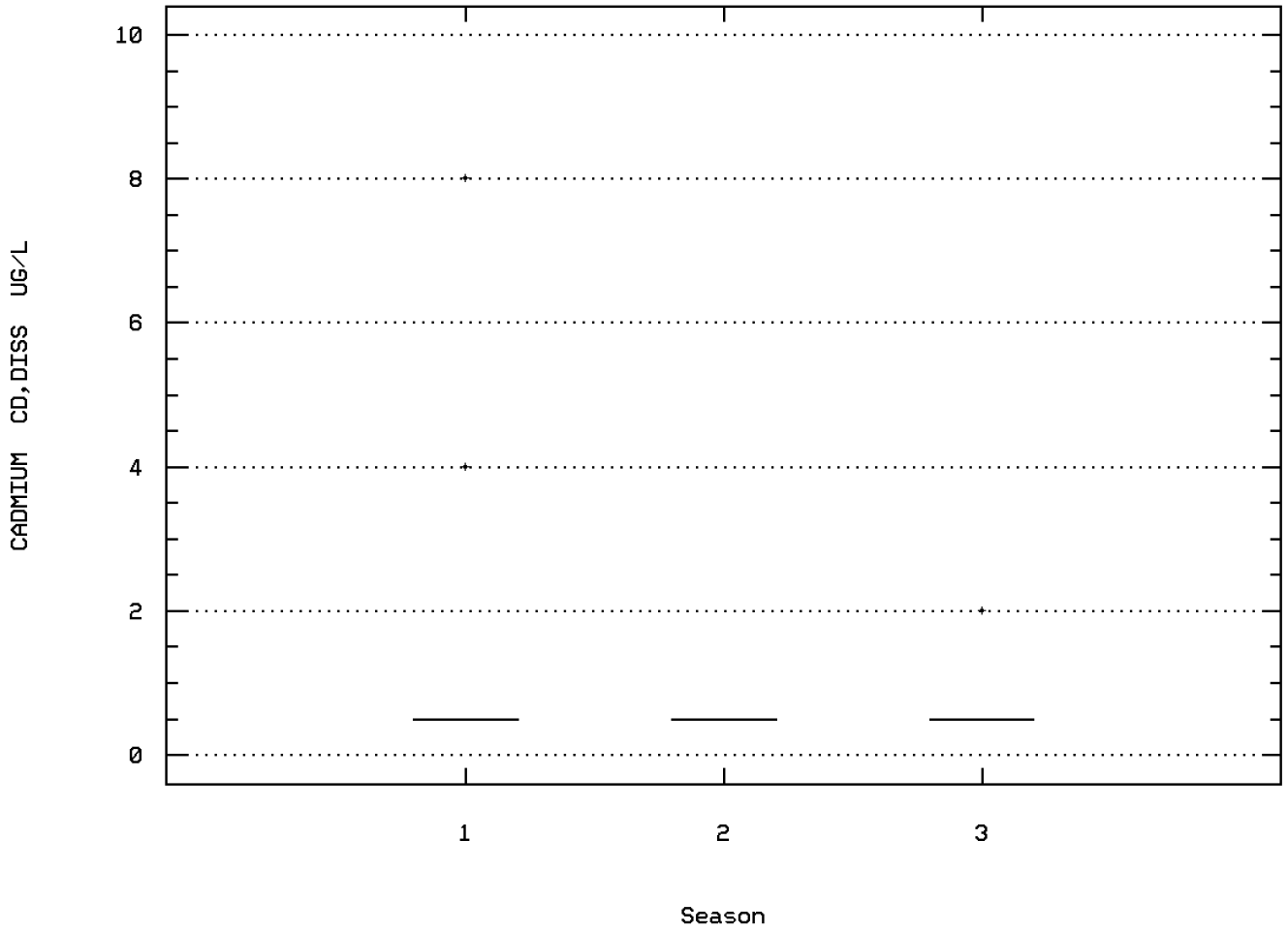
ARSENIC, DISSOLVED (UG/L AS AS)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 01025

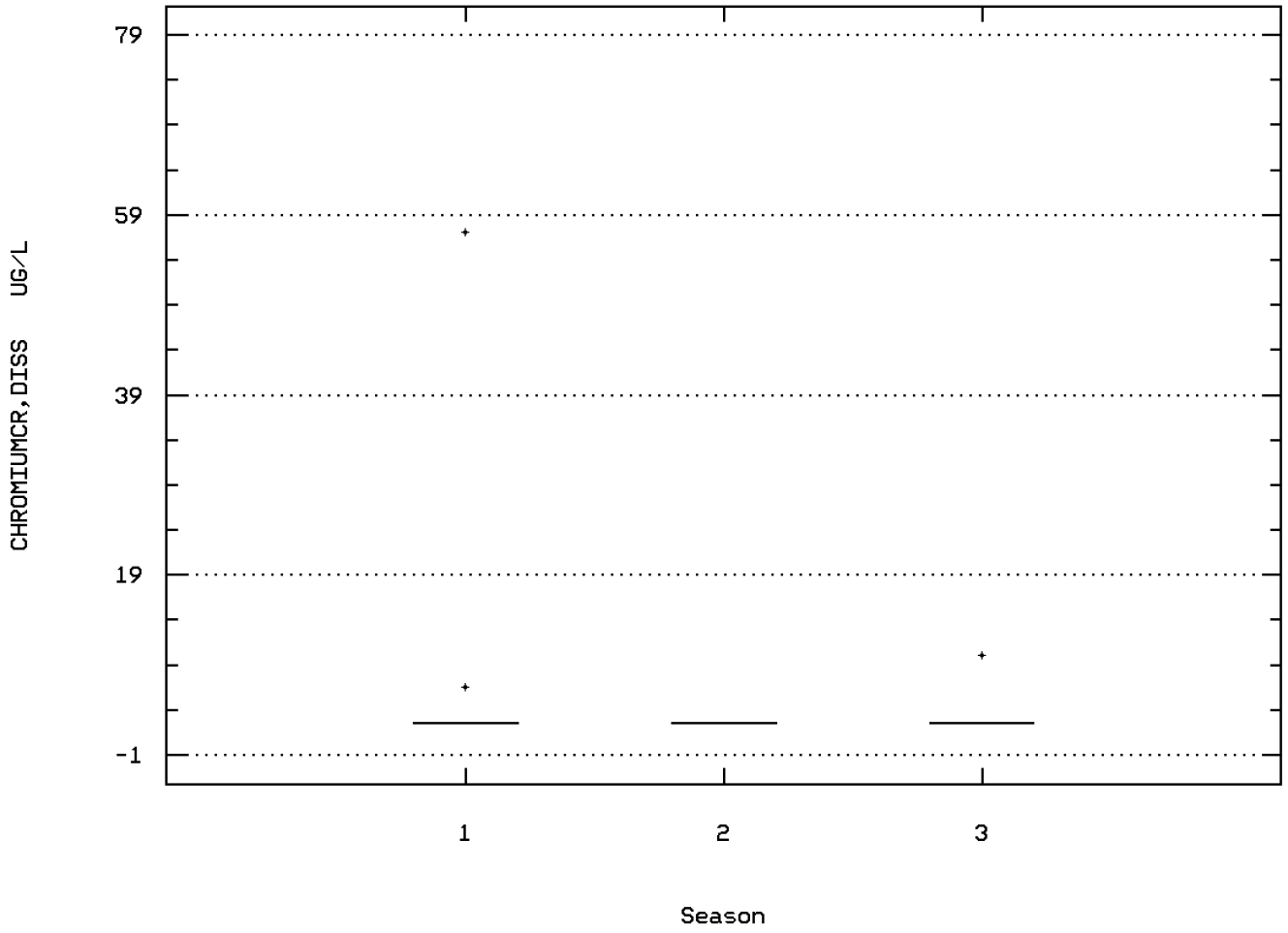
CADMIUM, DISSOLVED (UG/L AS CD)



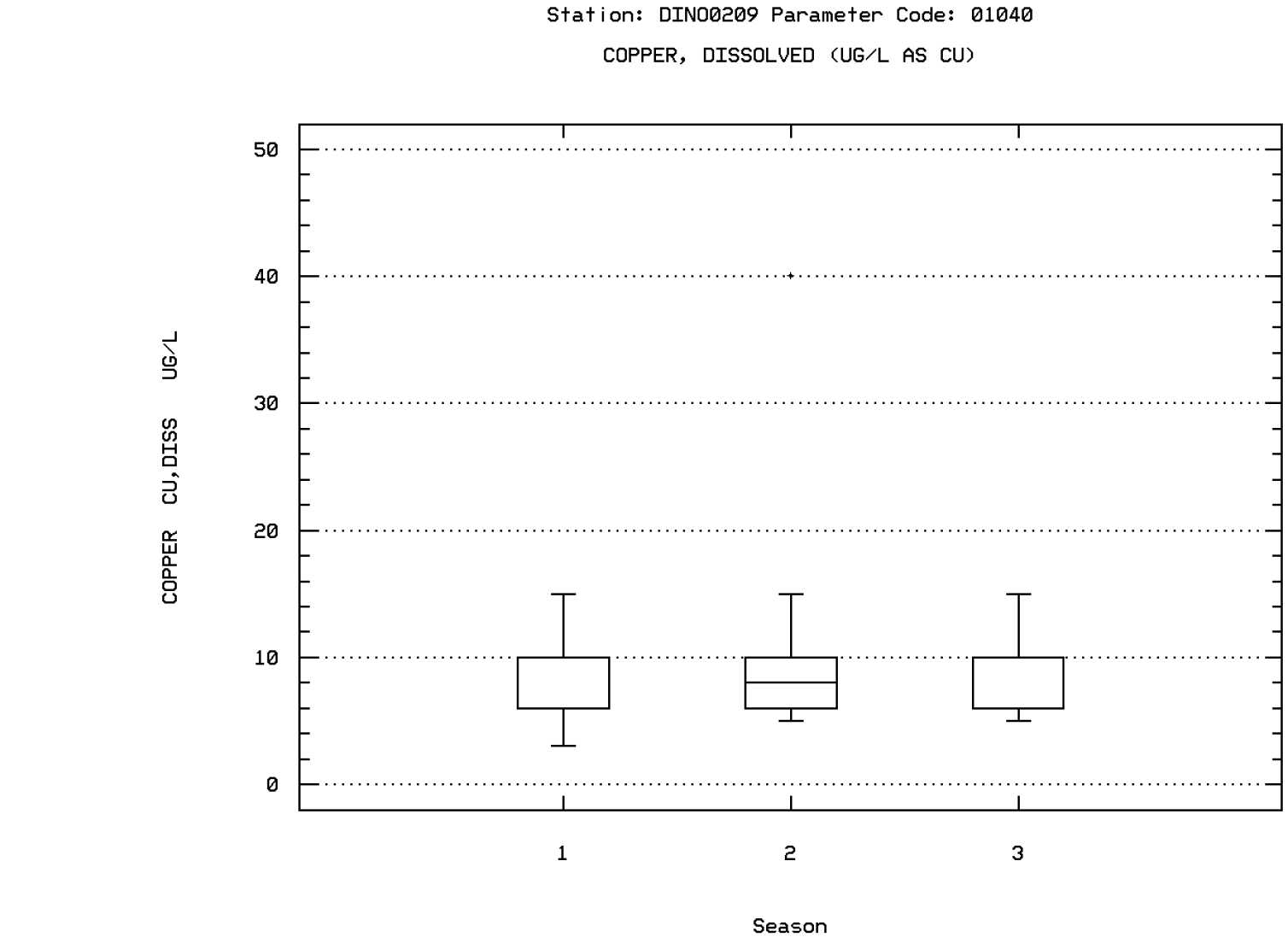
GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 01030

CHROMIUM, DISSOLVED (UG/L AS CR)



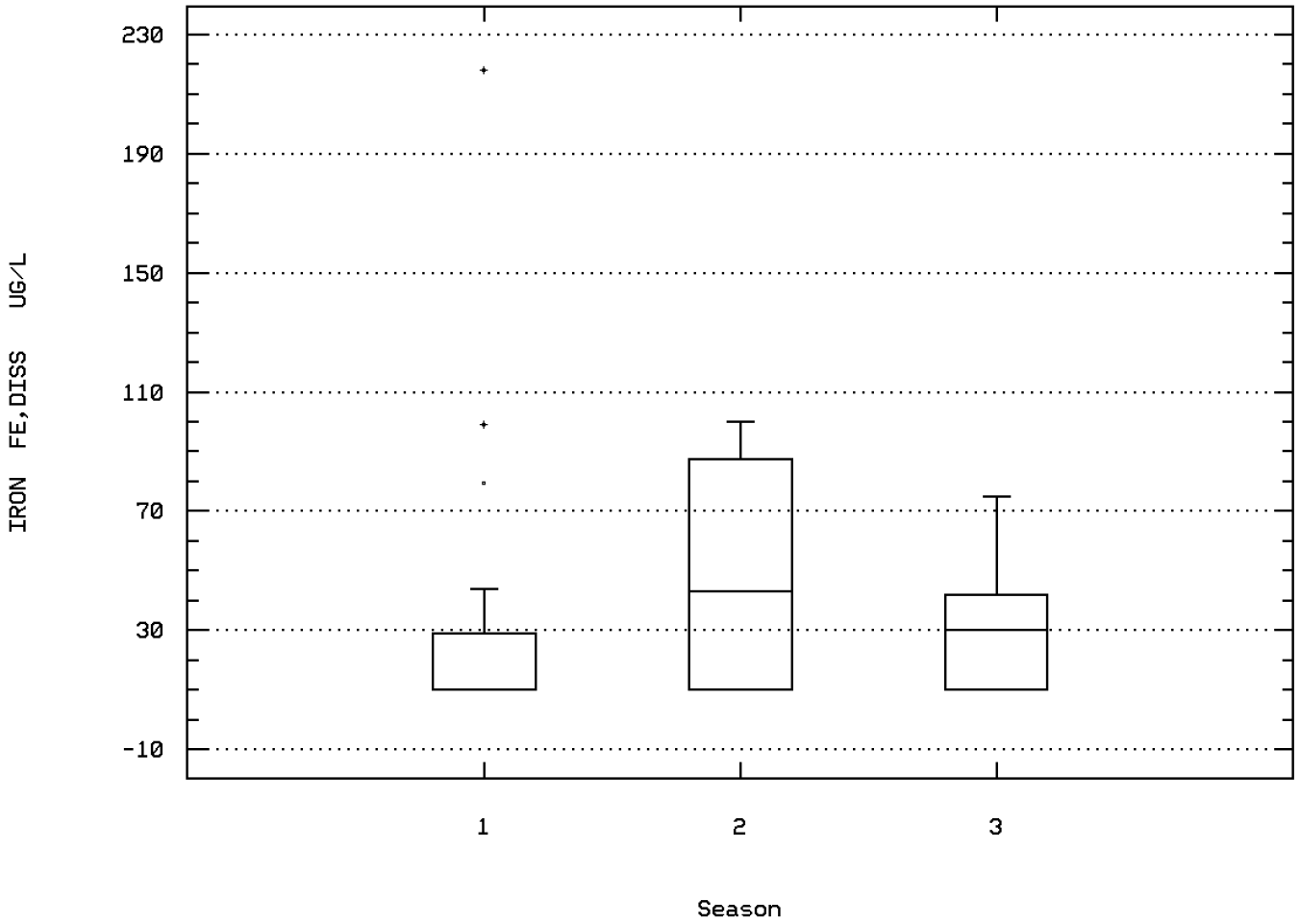
GREEN R AT DINOSAUR NATL MONUMENT U149



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 01046

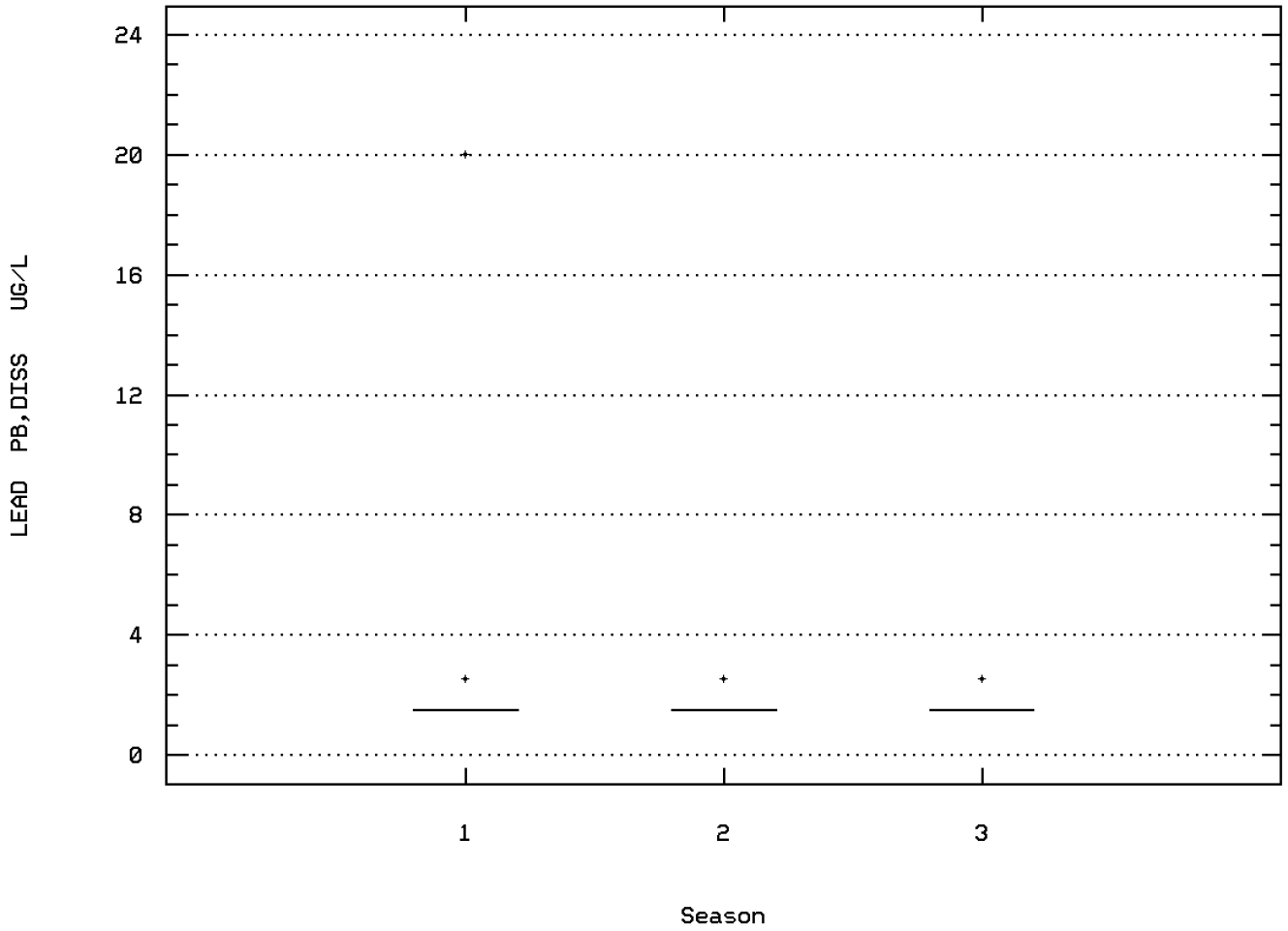
IRON, DISSOLVED (UG/L AS FE)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 01049

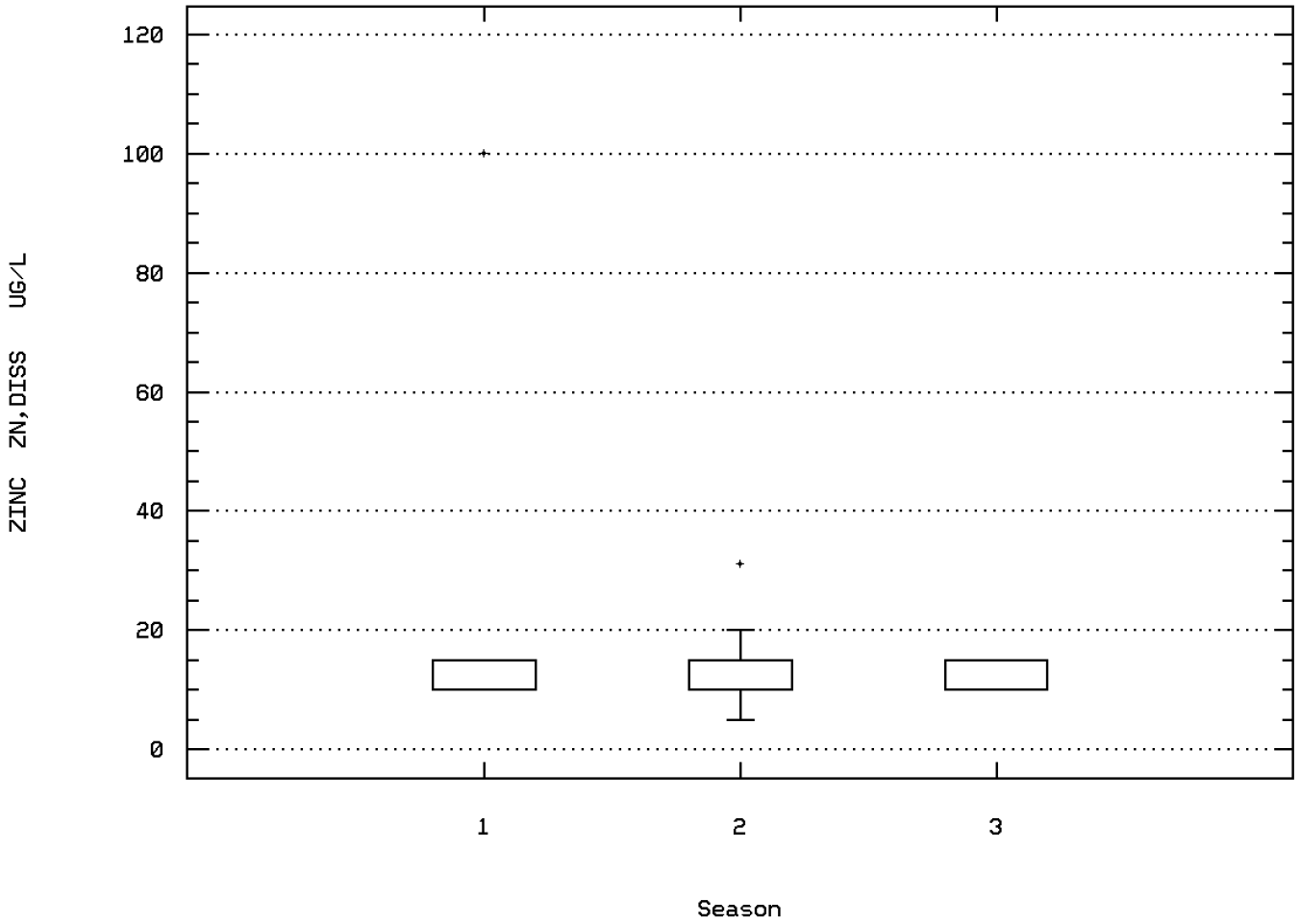
LEAD, DISSOLVED (UG/L AS PB)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 01090

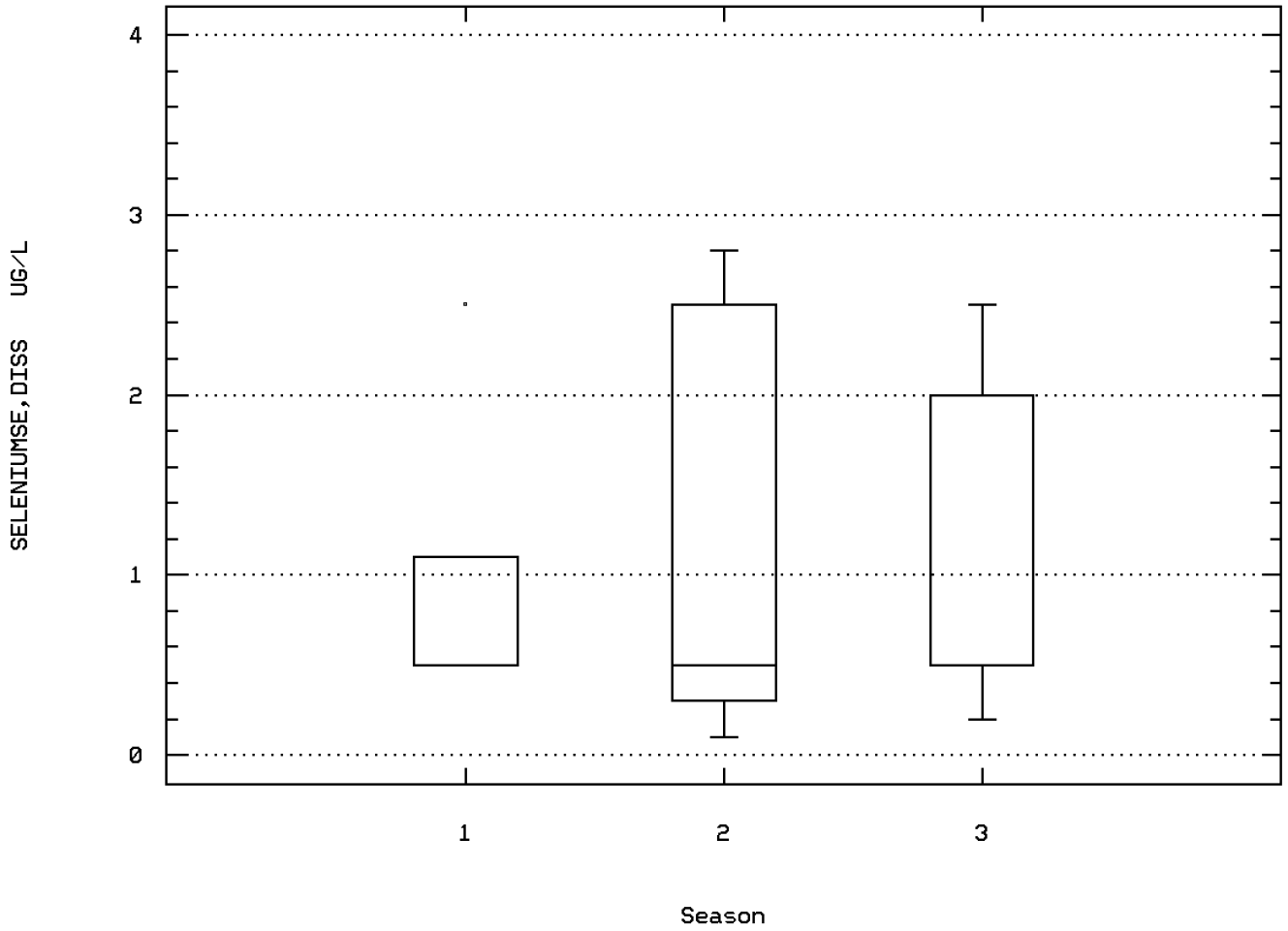
ZINC, DISSOLVED (UG/L AS ZN)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 01145

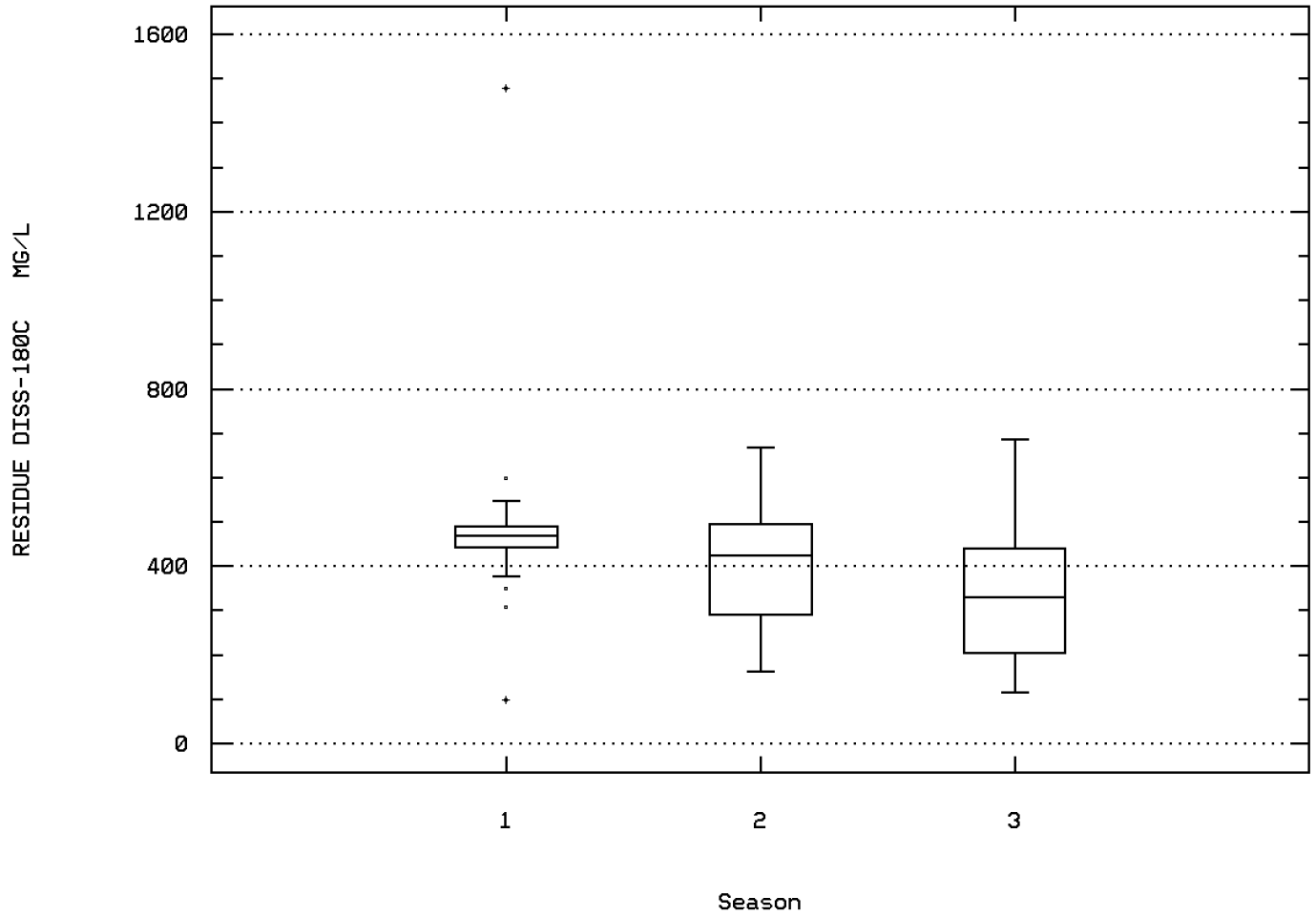
SELENIUM, DISSOLVED (UG/L AS SE)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station: DINO0209 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



GREEN R AT DINOSAUR NATL MONUMENT U149

Station Inventory for Station: DINO0210

NPS Station ID: DINO0210
LAT/LON: 40.448059/-109.237781
Agency: 11NPSWRD
Date Created: 10/13/99
Location: JUNIPER SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_26
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5040
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/97-08/19/97	1	17.6	17.6	17.6	17.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/19/97-08/19/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/19/97-08/19/97	1	355.	355.	355.	355.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/97-08/19/97	1	560.	560.	560.	560.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/97-08/19/97	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/19/97-08/19/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/19/97-08/19/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/97-08/19/97	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	1	303.	303.	303.	303.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/97-08/19/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	1	329.	329.	329.	329.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/97-08/19/97	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/97-08/19/97	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/97-08/19/97	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/97-08/19/97	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/19/97-08/19/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/97-08/19/97	1	40.9	40.9	40.9	40.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/97-08/19/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/97-08/19/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/19/97-08/19/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/97-08/19/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/97-08/19/97	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/97-08/19/97	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/19/97-08/19/97	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/97-08/19/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/97-08/19/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/19/97-08/19/97	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/19/97-08/19/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/97-08/19/97	1	240.	240.	240.	240.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/97-08/19/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/19/97-08/19/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0210

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0211

NPS Station ID: DINO0211
LAT/LON: 40.448337/-109.245837
Agency: 11NPSWRD
Date Created: 10/13/99
Location: HIDDEN FOREST SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_27
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5400
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/97-08/19/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/19/97-08/19/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/19/97-08/19/97	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/97-08/19/97	1	570.	570.	570.	570.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/19/97-08/19/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/19/97-08/19/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/19/97-08/19/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/97-08/19/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	1	213.	213.	213.	213.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/97-08/19/97	1 ##	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/97-08/19/97	1	203.	203.	203.	203.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/97-08/19/97	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/97-08/19/97	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/97-08/19/97	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/97-08/19/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/19/97-08/19/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/97-08/19/97	1	31.6	31.6	31.6	31.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/97-08/19/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/97-08/19/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	08/19/97-08/19/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/97-08/19/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/97-08/19/97	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/97-08/19/97	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/19/97-08/19/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/97-08/19/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/97-08/19/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/19/97-08/19/97	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/19/97-08/19/97	1	4700.	4700.	4700.	4700.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/19/97-08/19/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/97-08/19/97	1	244.	244.	244.	244.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/97-08/19/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	08/19/97-08/19/97	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
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			
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			
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: DINO0212

NPS Station ID: DINO0212 | LAT/LON: 40.429338/-109.248087 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 319.3 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_46
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE SPLIT MOUNTAIN UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 319.3; OUTSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/81-04/24/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/24/81-04/24/81	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/24/81-04/24/81	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/24/81-04/24/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0213

NPS Station ID: DINO0213
LAT/LON: 40.485559/-109.248059
Agency: 11NPSWRD
Date Created: 10/13/99
Location: WARM POOL SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_47
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 4840
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPLIT MOUNTAIN UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/97-07/14/98	2	31.35	31.35	32.	30.7	0.845	0.919	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	09/22/97-07/14/98	2	224.	224.	224.	224.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/22/97-09/22/97	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/22/97-07/14/98	2	1714.5	1714.5	1853.	1576.	38364.5	195.869	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/22/97-07/14/98	2	2.35	2.35	2.6	2.1	0.125	0.354	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/22/97-07/14/98	2	8.05	8.05	8.6	7.5	0.605	0.778	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/22/97-07/14/98	2	7.768	7.768	8.6	7.5	0.764	0.874	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/97-07/14/98	2	0.017	0.017	0.032	0.003	0.	0.021	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/97-07/14/98	2	176.	176.	185.	167.	162.	12.728	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/98-07/14/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/97-07/14/98	2	347.	347.	355.	339.	128.	11.314	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/97-07/14/98	2	90.5	90.5	93.	88.	12.5	3.536	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/97-07/14/98	2	28.5	28.5	30.	27.	4.5	2.121	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/97-07/14/98	2	169.95	169.95	180.	159.9	202.005	14.213	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/97-07/14/98	2	13.35	13.35	13.7	13.	0.245	0.495	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/22/97-07/14/98	2	264.	264.	267.	261.	18.	4.243	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/22/97-07/14/98	2	193.95	193.95	194.9	193.	1.805	1.344	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/97-09/22/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/22/97-07/14/98	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**

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

Parameter Inventory for Station: DINO0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	09/22/97-07/14/98	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/22/97-09/22/97	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/22/97-07/14/98	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/22/97-07/14/98	2 ##	0.625	0.625	1.	0.25	0.281	0.53	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/22/97-09/22/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/22/97-07/14/98	2	960.	960.	1000.	920.	3200.	56.569	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/22/97-09/22/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/22/97-07/14/98	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/22/97-09/22/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/22/97-07/14/98	2	115.	115.	120.	110.	50.	7.071	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	09/22/97-07/14/98	2	7600.	7600.	8200.	7000.	720000.	848.528	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	09/22/97-07/14/98	2	61.55	61.55	68.	55.1	83.205	9.122	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/22/97-09/22/97	1	1460.	1460.	1460.	1460.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/22/97-07/14/98	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	09/22/97-09/22/97	1	500.	500.	500.	500.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	2	1.00	1	1	1.00				1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	2	1.00	1	1	1.00				1	1	1.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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									
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			
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: DINO0214

NPS Station ID: DINO0214 | LAT/LON: 40.458253/-109.252753 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 322.8 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_44
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060001 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE DINOSAUR QUARRY UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 322.8; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/81-05/21/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/21/81-05/21/81	1	680.	680.	680.	680.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/21/81-05/21/81	1	395.	395.	395.	395.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/21/81-05/21/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0215

NPS Station ID: DINO0215
LAT/LON: 40.452670/-109.268781
Agency: 11NPSWRD
Date Created: 11/21/98
Location: GREEN RIVER MILE 321.6
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_USFW_45
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE DINOSAUR QUARRY UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 321.6; INSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/81-10/02/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/02/81-10/02/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/81-10/02/81	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/81-10/02/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0215

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0216

NPS Station ID: DINO0216
LAT/LON: 40.450837/-109.275003
Agency: 11NPSWRD
Date Created: 10/13/99
Location: COTTONWOOD SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_73
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5160
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DINOSAUR QUARRY UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/98-06/27/98	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/27/98-06/27/98	1	1020.	1020.	1020.	1020.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/27/98-06/27/98	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/27/98-06/27/98	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/27/98-06/27/98	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/98-06/27/98	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/98-06/27/98	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/98-06/27/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/27/98-06/27/98	1	479.	479.	479.	479.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/98-06/27/98	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/98-06/27/98	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/98-06/27/98	1	14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/98-06/27/98	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/27/98-06/27/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/27/98-06/27/98	1	335.	335.	335.	335.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/27/98-06/27/98	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/27/98-06/27/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/27/98-06/27/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/98-06/27/98	1	113.	113.	113.	113.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/27/98-06/27/98	1	790.	790.	790.	790.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/27/98-06/27/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/27/98-06/27/98	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/27/98-06/27/98	1	5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/27/98-06/27/98	1	102.2	102.2	102.2	102.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/27/98-06/27/98	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: DINO0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0217

NPS Station ID: DINO0217
LAT/LON: 40.451671/-109.277781
Agency: 11NPSWRD
Date Created: 10/13/99
Location: TAMARISK SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_91
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5180
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DINOSAUR QUARRY UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/98-06/27/98	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/27/98-06/27/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/27/98-06/27/98	1	1090.	1090.	1090.	1090.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/27/98-06/27/98	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/27/98-06/27/98	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/98-06/27/98	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/98-06/27/98	1	335.	335.	335.	335.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/98-06/27/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/27/98-06/27/98	1	507.	507.	507.	507.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/98-06/27/98	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/98-06/27/98	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/98-06/27/98	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/98-06/27/98	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/27/98-06/27/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/27/98-06/27/98	1	268.	268.	268.	268.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/27/98-06/27/98	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/27/98-06/27/98	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/27/98-06/27/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/27/98-06/27/98	1	79.	79.	79.	79.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/27/98-06/27/98	1	670.	670.	670.	670.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/27/98-06/27/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/27/98-06/27/98	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/27/98-06/27/98	1	4500.	4500.	4500.	4500.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/27/98-06/27/98	1	79.8	79.8	79.8	79.8	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/27/98-06/27/98	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: DINO0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0218

NPS Station ID: DINO0218
LAT/LON: 40.450837/-109.280560
Agency: 11NPSWRD
Date Created: 10/13/99
Location: SKANKY SEEP
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_90
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5100
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DINOSAUR QUARRY UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/98-06/28/98	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/28/98-06/28/98	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/28/98-06/28/98	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/28/98-06/28/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/28/98-06/28/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/98-06/28/98	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/98-06/28/98	1	202.	202.	202.	202.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/98-06/28/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/98-06/28/98	1	668.	668.	668.	668.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/98-06/28/98	1	142.	142.	142.	142.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/98-06/28/98	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/98-06/28/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/98-06/28/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/28/98-06/28/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/28/98-06/28/98	1	367.	367.	367.	367.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/28/98-06/28/98	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/28/98-06/28/98	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/28/98-06/28/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/98-06/28/98	1	152.	152.	152.	152.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/28/98-06/28/98	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/28/98-06/28/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/28/98-06/28/98	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/28/98-06/28/98	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/28/98-06/28/98	1	106.	106.	106.	106.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/28/98-06/28/98	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: DINO0218

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0219

NPS Station ID: DINO0219
LAT/LON: 40.454448/-109.290003
Agency: 11NPSWRD
Date Created: 10/13/99
Location: RED SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_88
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5120
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DINOSAUR QUARRY UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/98-08/06/98	1	18.4	18.4	18.4	18.4	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/98-08/06/98	1	1215.	1215.	1215.	1215.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/98-08/06/98	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/06/98-08/06/98	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/06/98-08/06/98	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/98-08/06/98	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/06/98-08/06/98	1	202.	202.	202.	202.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/98-08/06/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/06/98-08/06/98	1	579.	579.	579.	579.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/98-08/06/98	1	143.	143.	143.	143.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/98-08/06/98	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/98-08/06/98	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/98-08/06/98	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/98-08/06/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/06/98-08/06/98	1	254.	254.	254.	254.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/06/98-08/06/98	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/06/98-08/06/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/06/98-08/06/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/06/98-08/06/98	1	495.	495.	495.	495.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/06/98-08/06/98	1	900.	900.	900.	900.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/06/98-08/06/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/06/98-08/06/98	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/06/98-08/06/98	1	5800.	5800.	5800.	5800.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/06/98-08/06/98	1	91.8	91.8	91.8	91.8	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/06/98-08/06/98	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: DINO0219

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0220

NPS Station ID: DINO0220
LAT/LON: 40.453892/-109.290559
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 4-23)23DDA-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402714109172601
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 7.10
On/Off RF1:
RF3 Index: 14060001044700.00
RF3 Mile Point: 0.89
Distance from RF3: 0.28
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/18/58-11/18/58	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/18/58-11/18/58	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/18/58-11/18/58	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/18/58-11/18/58	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/18/58-11/18/58	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/18/58-11/18/58	1	233.	233.	233.	233.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/18/58-11/18/58	1	284.	284.	284.	284.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/18/58-11/18/58	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/58-11/18/58	1	568.	568.	568.	568.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/18/58-11/18/58	1	335.	335.	335.	335.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/18/58-11/18/58	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/18/58-11/18/58	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	11/18/58-11/18/58	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/58-11/18/58	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/18/58-11/18/58	1	345.	345.	345.	345.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/18/58-11/18/58	1	11.	11.	11.	11.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/18/58-11/18/58	1	712.	712.	712.	712.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/18/58-11/18/58	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: DINO0220

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	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: DINO0221

NPS Station ID: DINO0221
LAT/LON: 40.446392/-109.297782
Agency: 11NPSWRD
Date Created: 10/13/99
Location: QUARRY WEST SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_86
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5160
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DINOSAUR QUARRY UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/98-06/11/98	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/11/98-06/11/98	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/11/98-06/11/98	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/11/98-06/11/98	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/11/98-06/11/98	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/11/98-06/11/98	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/98-06/11/98	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/98-06/11/98	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/98-06/11/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/11/98-06/11/98	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/11/98-06/11/98	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/11/98-06/11/98	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/11/98-06/11/98	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/98-06/11/98	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/11/98-06/11/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/11/98-06/11/98	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/11/98-06/11/98	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/11/98-06/11/98	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/11/98-06/11/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/11/98-06/11/98	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/11/98-06/11/98	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/11/98-06/11/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/11/98-06/11/98	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/11/98-06/11/98	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/11/98-06/11/98	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/11/98-06/11/98	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0222

NPS Station ID: DINO0222
LAT/LON: 40.443059/-109.302226
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 4-23)26CAB-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402635109180801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 4.40
On/Off RF1:
RF3 Index: 14060001046000.00
RF3 Mile Point: 0.31
Distance from RF3: 0.47
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/53-10/27/53	1	752.	752.	752.	752.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/04/50-10/27/53	2	7.55	7.55	7.8	7.3	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/04/50-10/27/53	2	7.482	7.482	7.8	7.3	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/04/50-10/27/53	2	0.033	0.033	0.05	0.016	0.001	0.024	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/04/50-05/04/50	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/04/50-10/27/53	2	234.	234.	245.	223.	242.	15.556	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/04/50-10/27/53	2	285.5	285.5	299.	272.	364.5	19.092	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/04/50-10/27/53	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/04/50-10/27/53	2	354.	354.	363.	345.	162.	12.728	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/04/50-10/27/53	2	121.	121.	124.	118.	18.	4.243	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/04/50-05/04/50	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/50-05/04/50	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	05/04/50-05/04/50	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/04/50-10/27/53	2	16.5	16.5	20.	13.	24.5	4.95	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/04/50-10/27/53	2	129.	129.	134.	124.	50.	7.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/04/50-05/04/50	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/04/50-10/27/53	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/04/50-05/04/50	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/50-05/04/50	1	407.	407.	407.	407.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/04/50-05/04/50	1	409.	409.	409.	409.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/04/50-10/27/53	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
71885	IRON (UG/L AS FE)	05/04/50-05/04/50	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: DINO0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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						
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.	1	0	0.00				1	0	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: DINO0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
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: DINO0223

NPS Station ID: DINO0223
LAT/LON: 40.442782/-109.302503
Agency: 11NPSWRD
Date Created: 10/13/99
Location: QUARRY EAST SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_85
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 4960
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DINOSAUR QUARRY UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/98-06/19/98	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/19/98-06/19/98	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/19/98-06/19/98	1	878.	878.	878.	878.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/19/98-06/19/98	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/19/98-06/19/98	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/19/98-06/19/98	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/98-06/19/98	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/98-06/19/98	1	383.	383.	383.	383.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/19/98-06/19/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/19/98-06/19/98	1	558.	558.	558.	558.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/19/98-06/19/98	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/19/98-06/19/98	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/19/98-06/19/98	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/19/98-06/19/98	1	27.7	27.7	27.7	27.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/19/98-06/19/98	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/19/98-06/19/98	1	152.	152.	152.	152.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/19/98-06/19/98	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/19/98-06/19/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/19/98-06/19/98	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/19/98-06/19/98	1	804.	804.	804.	804.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/19/98-06/19/98	1	559.	559.	559.	559.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/19/98-06/19/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/19/98-06/19/98	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/19/98-06/19/98	1	8200.	8200.	8200.	8200.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/19/98-06/19/98	1	43.	43.	43.	43.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/19/98-06/19/98	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: DINO0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0224

NPS Station ID: DINO0224
LAT/LON: 40.448337/-109.320837
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 4-23)27BBA-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402654109191501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 23.80
On/Off RF1:
RF3 Index: 14060002011200.00
RF3 Mile Point: 0.69
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/58-10/01/58	2	17.	17.	18.	16.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/58-10/01/58	2	538.	538.	547.	529.	162.	12.728	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/58-10/01/58	2	7.65	7.65	7.8	7.5	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/58-10/01/58	2	7.625	7.625	7.8	7.5	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/58-10/01/58	2	0.024	0.024	0.032	0.016	0.	0.011	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/58-10/01/58	2	182.5	182.5	183.	182.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/12/58-10/01/58	2	222.5	222.5	223.	222.	0.5	0.707	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/12/58-10/01/58	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/58-10/01/58	2	277.	277.	281.	273.	32.	5.657	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/12/58-10/01/58	2	94.5	94.5	99.	90.	40.5	6.364	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/58-10/01/58	2	67.	67.	67.	67.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/58-10/01/58	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/12/58-10/01/58	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/58-10/01/58	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/58-10/01/58	2	105.5	105.5	109.	102.	24.5	4.95	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/12/58-07/12/58	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/12/58-10/01/58	2	11.	11.	11.	11.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/58-07/12/58	1	356.	356.	356.	356.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/12/58-10/01/58	2	337.5	337.5	342.	333.	40.5	6.364	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/12/58-10/01/58	2	0.8	0.8	1.	0.6	0.08	0.283	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0224

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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			
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.	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: DINO0225

NPS Station ID: DINO0225
LAT/LON: 40.439727/-109.322226
Agency: 112WRD
Date Created: 02/28/78
Location: (D- 4-23)27CBD-S1
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402623109192001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 14060001001400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/58-07/12/58	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/58-07/12/58	1	3100.	3100.	3100.	3100.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/58-07/12/58	1	189.	189.	189.	189.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/12/58-07/12/58	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/12/58-07/12/58	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/58-07/12/58	1	1060.	1060.	1060.	1060.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/12/58-07/12/58	1	875.	875.	875.	875.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/58-07/12/58	1	221.	221.	221.	221.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/58-07/12/58	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/12/58-07/12/58	1	426.	426.	426.	426.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/58-07/12/58	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/58-07/12/58	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/12/58-07/12/58	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/12/58-07/12/58	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/58-07/12/58	1	2770.	2770.	2770.	2770.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/12/58-07/12/58	1	2620.	2620.	2620.	2620.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/12/58-07/12/58	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0225

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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			
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: DINO0226

NPS Station ID: DINO0226
LAT/LON: 40.448616/-109.322782
Agency: 11NPSWRD
Date Created: 10/13/99
Location: ORCHID SPRING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): DINO_CSU_82
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 5020
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DINOSAUR QUARRY UT 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE INSIDE DINOSAUR NATIONAL MONUMENT. THE STATION WAS ONE OF 94 LOCATIONS SAMPLED AS PART OF A JOINT NATIONAL PARK SERVICE AND COLORADO STATE UNIVERSITY MONITORING EFFORT TO STUDY THE CHEMICAL CHARACTERISTICS OF SPRINGS; SEEPS; AND WELLS WITHIN DINOSAUR NATIONAL MONUMENT IN RELATION TO THE SURROUNDING GEOLOGY. DATA COLLECTED DURING 1997 WERE SUMMARIZED IN A COLORADO STATE UNIVERSITY MASTER'S THESIS ENTITLED "WATER CHEMISTRY VARIATION BETWEEN LITHOLOGIES IN DINOSAUR NATIONAL MONUMENT; COLORADO" BY WILLIAM JOSEPH RICE (1998). THE FINAL REPORT DOCUMENTING THE ENTIRE DATASET (1997 AND 1998) IS TO BE RELEASED BY DR. JOHN STEDNICK OF COLORADO STATE UNIVERSITY IN THE FALL OF 1999. FOR MORE INFORMATION ABOUT THE PARK OR THE STUDY; CONTACT THE CHIEF OF NATURAL RESOURCES AT DINOSAUR NATIONAL MONUMENT; 4545 HIGHWAY 40; DINOSAUR; CO 81610 (TEL. 970-374-3009). DATA PROCESSED AND UPLOADED TO STORET BY NPS-WRD; FORT COLLINS; CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/98-06/12/98	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/12/98-06/12/98	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/98-06/12/98	1	670.	670.	670.	670.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/98-06/12/98	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/12/98-06/12/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/12/98-06/12/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/98-06/12/98	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/98-06/12/98	1	225.	225.	225.	225.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/12/98-06/12/98	1 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/12/98-06/12/98	1	217.	217.	217.	217.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/98-06/12/98	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/98-06/12/98	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/98-06/12/98	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/98-06/12/98	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/12/98-06/12/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/12/98-06/12/98	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/12/98-06/12/98	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/12/98-06/12/98	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/12/98-06/12/98	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/12/98-06/12/98	1	89.	89.	89.	89.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/12/98-06/12/98	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/12/98-06/12/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/12/98-06/12/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	06/12/98-06/12/98	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/12/98-06/12/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/12/98-06/12/98	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: DINO0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DINO0227

NPS Station ID: DINO0227 | LAT/LON: 40.417976/-109.327698 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 306.8 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_47
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE DINOSAUR QUARRY UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 306.8; OUTSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/79-05/26/81	2	16.75	16.75	17.5	16.	1.125	1.061	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/03/79-05/26/81	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/79-05/26/81	2	332.5	332.5	650.	15.	201612.5	449.013	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/03/79-05/26/81	2	425.	425.	600.	250.	61250.	247.487	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/03/79-10/03/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	1	0.50	1	0	0.00	1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0228

NPS Station ID: DINO0228 | LAT/LON: 40.391615/-109.328143 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 304.8 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_48
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE DINOSAUR QUARRY UTAH 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 304.8; OUTSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/81-05/27/81	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/81-05/27/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/81-05/27/81	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/81-05/27/81	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/81-05/27/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0228

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0229

NPS Station ID: DINO0229
LAT/LON: 40.366670/-109.333338
Agency: 21UTWR
Date Created: 02/01/79
Location: GREEN RIVER BELOW JENSEN
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001
RF1 Mile Point: 0.000
Distance from RF1: 22.30
On/Off RF1:
RF3 Index: 14060001054100.00
RF3 Mile Point: 1.85
Distance from RF3: 0.21
On/Off RF3:
Description:
DATA FROM THE UTAH DIVISION OF WILDLIFE RESOURCES SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM
GREEN RIVER BELOW JENSEN - NEAR INTERSECTION OF US 40 AND SH 149

Parameter Inventory for Station: DINO0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	09/28/71-09/28/71	3	0.27	0.25	0.35	0.13	0.012	0.111	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/28/71-09/28/71	3	0.3	0.307	0.37	0.25	0.004	0.06	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	09/28/71-09/28/71	3	1.37	1.153	1.52	0.57	0.261	0.511	**	**	**	**
34474	SILVER WET WGTTISMG/KG	09/28/71-09/28/71	3	0.024	0.035	0.057	0.023	0.	0.019	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	09/28/71-09/28/71	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	09/28/71-09/28/71	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/28/71-09/28/71	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	09/28/71-09/28/71	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/28/71-09/28/71	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	09/28/71-09/28/71	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/28/71-09/28/71	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/28/71-09/28/71	3 ##	0.005	0.127	0.37	0.005	0.044	0.211	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/28/71-09/28/71	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	09/28/71-09/28/71	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/28/71-09/28/71	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/28/71-09/28/71	3	0.21	0.207	0.27	0.14	0.004	0.065	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/28/71-09/28/71	3	0.44	0.58	0.94	0.36	0.099	0.314	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/28/71-09/28/71	3	2.03	2.223	3.03	1.61	0.532	0.729	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/28/71-09/28/71	3	1.01	0.777	1.01	0.31	0.163	0.404	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/28/71-09/28/71	3	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

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

Station Inventory for Station: DINO0230

NPS Station ID: DINO0230
LAT/LON: 40.369667/-109.333330
Agency: 21UTAH
Date Created: 01/16/79
Location: GREEN R AT US40 XING NR JENSEN
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493775
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001008
RF1 Mile Point: 3.060
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14060002000106.85
RF3 Mile Point: 6.85
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/09/77-09/21/77	6	14.	11.833	18.	2.	40.967	6.401	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/04/75-08/27/75	3	10.	62.333	171.	6.	8860.333	94.129	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/04/75-09/21/77	9	750.	674.	875.	360.	32392.75	179.98	360.	500.	815.	875.
00300	OXYGEN, DISSOLVED MG/L	05/04/77-09/21/77	3	8.5	8.767	9.6	8.2	0.543	0.737	**	**	**	**
00400	PH (STANDARD UNITS)	02/04/75-08/27/75	3	6.8	6.667	7.1	6.1	0.263	0.513	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/04/75-08/27/75	3	6.8	6.463	7.1	6.1	0.325	0.57	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/04/75-08/27/75	3	0.158	0.344	0.794	0.079	0.154	0.392	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/04/75-08/27/75	6	47.	73.	146.	26.	3285.6	57.32	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/04/77-09/21/77	5	8.7	8.64	8.9	8.4	0.038	0.195	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/04/77-09/21/77	5	8.7	8.606	8.9	8.4	0.039	0.199	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/04/77-09/21/77	5	0.002	0.002	0.004	0.001	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/04/75-08/27/75	3	154.	138.667	167.	95.	1472.333	38.371	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/04/75-08/27/75	3	188.	169.333	204.	116.	2197.333	46.876	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/04/75-08/27/75	3	0.5	0.393	0.65	0.03	0.105	0.323	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/75-08/27/75	3	258.	222.667	278.	132.	6265.333	79.154	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/04/75-08/27/75	3	35.	45.	66.	34.	331.	18.193	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/04/75-08/27/75	3	27.	26.667	42.	11.	240.333	15.503	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/04/75-08/27/75	3	51.	48.	72.	21.	657.	25.632	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/04/75-08/27/75	3	4.	3.667	5.	2.	2.333	1.528	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/04/75-08/27/75	3	22.	17.667	24.	7.	86.333	9.292	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/04/75-08/27/75	3	192.	164.667	220.	82.	5321.333	72.947	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/04/75-08/27/75	3	0.19	0.193	0.23	0.16	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/04/75-08/27/75	3	6.	6.333	9.	4.	6.333	2.517	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/04/75-08/27/75	3	1.	7.333	20.	1.	120.333	10.97	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/04/75-08/27/75	3	70.	90.	170.	30.	5200.	72.111	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/04/75-06/03/75	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/04/75-02/04/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/27/75-08/27/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/03/75-06/03/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	02/04/75-02/04/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/04/75-02/04/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/04/75-06/03/75	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	02/04/75-02/04/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/04/75-06/03/75	2	25.	25.	40.	10.	450.	21.213	**	**	**	**
03501	BETA, TOTAL	06/03/75-06/03/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/09/77-09/21/77	6	175.	829.333	4300.	43.	2898847.067	1702.6	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/09/77-09/21/77	6	2.211	2.284	3.633	1.633	0.549	0.741	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			192.178								

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

Parameter Inventory for Station: DINO0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/09/77-09/21/77	5	23.	19.2	23.	4.	72.2	8.497	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/09/77-09/21/77	5	1.362	1.21	1.362	0.602	0.115	0.34	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			16.21								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/04/75-08/27/75	3	456.	409.333	514.	258.	18017.333	134.229	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/04/75-08/27/75	3	2.05	3.15	6.8	0.6	10.518	3.243	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0230

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	1	0.33	1	0	0.00				2	1	0.50			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33	1	0	0.00				2	1	0.50			
00406	PH, FIELD	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			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00				2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	1	0	0.00				2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00				2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	2	1.00	1	1	1.00				1	1	1.00			
		Drinking Water	5.	2	2	1.00	1	1	1.00				1	1	1.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	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			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	6	1	0.17	2	0	0.00	2	0	0.00	2	1	0.50			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			

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

Station Inventory for Station: DINO0231

NPS Station ID: DINO0231
LAT/LON: 40.375000/-109.336000
Agency: 21UTAH
Date Created: / /
Location: INTERMOUNTAIN CONCREATE CO POND 001
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/LAKE/IND/MINE/IMPDMT
STORET Station ID(s): 493789
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 14060002001301.23
RF3 Mile Point: 1.32
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/98-12/16/99	6	10.705	10.975	22.8	1.24	78.412	8.855	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	01/06/98-12/16/99	6	20.	35.417	90.	10.	1046.042	32.343	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/04/92-08/11/99	33	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/98-12/16/99	6	1465.5	1608.	2112.	1316.	96318.8	310.353	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/06/98-12/16/99	6	10.155	9.752	12.4	7.4	3.492	1.869	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	01/06/98-12/16/99	6	7.8	7.74	8.19	7.17	0.163	0.403	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/06/98-12/16/99	6	7.789	7.584	8.19	7.17	0.192	0.438	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/98-12/16/99	6	0.016	0.026	0.068	0.006	0.001	0.024	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/98-12/16/99	6	10.	8.867	17.2	0.	56.283	7.502	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	01/06/98-12/16/99	6	0.	0.	0.	0.	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	01/06/98-12/16/99	6	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/98-12/16/99	6	1138.	1281.333	1708.	1084.	72975.467	270.14	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0231

				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			

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

Station Inventory for Station: DINO0232

NPS Station ID: DINO0232 LAT/LON: 40.375167/-109.339330 Agency: 21UTAH Date Created: / /
Location: INTERMOUNTAIN CONCRETE CO. OUTFALL FROM POND 002 FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/LAKE/IND/OUTFL/MINE/IMPDMT STORET Station ID(s): 493788
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060002 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14050007159900.00 RF3 Mile Point: 0.36 Distance from RF3: 0.08 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/82-01/07/99	47	15.6	14.869	30.	0.1	87.186	9.337	2.26	4.5	23.3	26.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/11/90-04/25/91	2	15.35	15.35	22.7	8.	108.045	10.394	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	10/17/82-01/07/99	32	32.5	44.134	200.	4.3	1825.26	42.723	10.	12.075	66.45	107.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/02/83-12/15/99	69	0.	0.294	18.	0.	4.7	2.168	0.	0.	0.	0.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-07/28/87	2	4.85	4.85	6.	3.7	2.645	1.626	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-01/07/99	47	1508.	1514.085	2130.	466.	118474.08	344.201	1109.8	1352.	1770.	1967.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/81-08/21/84	8	1795.	1748.125	2187.	1290.	102153.554	319.615	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/08/82-01/07/99	47	8.6	8.523	12.7	4.4	3.543	1.882	5.98	7.4	9.7	11.42
00405	CARBON DIOXIDE (MG/L AS CO2)	10/07/81-10/07/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-01/07/99	47	7.9	7.907	9.	7.1	0.136	0.368	7.36	7.7	8.2	8.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-01/07/99	47	7.9	7.749	9.	7.1	0.161	0.402	7.36	7.7	8.2	8.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-01/07/99	47	0.013	0.018	0.079	0.001	0.	0.018	0.005	0.006	0.02	0.044
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/07/81-10/07/81	1	272.	272.	272.	272.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/07/81-10/07/81	1	332.	332.	332.	332.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/07/81-01/07/99	47	7.6	9.545	70.	0.	136.293	11.674	0.	3.	12.	19.76
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/23/83-11/23/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
50051	FLOW, RATE, INSTANTANEOUS MGD	06/08/82-10/28/92	10	0.4	5.595	48.7	0.1	230.598	15.185	0.1	0.1	2.175	44.19
61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/01/91-01/07/99	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/01/91-01/07/99	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/07/81-01/07/99	47	1238.	1642.787	21060.	310.	8488774.084	2913.55	835.2	1070.	1476.	1615.2

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

EPA Water Quality Criteria Analysis for Station: DINO0232

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	47	0	0.00	20	0	0.00	13	0	0.00	14	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	47	1	0.02	20	1	0.05	13	0	0.00	14	0	0.00			
		Other-Lo Lim.	6.5	47	0	0.00	20	0	0.00	13	0	0.00	14	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/82-01/07/99	20	8.35	10.223	26.1	0.1	61.385	7.835	1.137	3.825	16.9	23.07
00058	FLOW, RATE GALLONS/MIN	10/17/82-01/07/99	15	20.	41.36	200.	4.3	2723.005	52.182	7.6	12.	45.	149.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/02/83-12/15/99	34	0.	0.568	18.	0.	9.519	3.085	0.	0.	0.	0.15
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-01/07/99	20	1569.	1592.3	2001.	807.	85688.958	292.727	1295.3	1420.75	1873.5	1996.
00300	OXYGEN, DISSOLVED MG/L	06/08/82-01/07/99	20	8.8	8.898	12.7	4.4	3.906	1.976	6.292	7.793	10.105	11.87
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-01/07/99	20	7.8	7.783	9.	7.1	0.212	0.461	7.109	7.45	8.02	8.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-01/07/99	20	7.8	7.586	9.	7.1	0.253	0.503	7.109	7.45	8.02	8.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-01/07/99	20	0.016	0.026	0.079	0.001	0.001	0.025	0.005	0.01	0.036	0.078
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/07/81-01/07/99	21	8.	12.	70.	0.	264.424	16.261	0.	1.5	13.	33.
61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/01/91-01/07/99	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/01/91-01/07/99	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/07/81-01/07/99	21	1248.	2207.81	21060.	480.	18765788.362	4331.95	655.6	1135.	1521.	1864.8

** - 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: 3/01 to 5/31 - Station DINO0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/82-01/07/99	13	11.1	11.092	22.5	1.5	54.58	7.388	1.82	3.4	18.5	21.1
00058	FLOW, RATE GALLONS/MIN	10/17/82-01/07/99	11	35.	41.664	129.	12.	1160.683	34.069	12.	15.	50.	117.14
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/02/83-12/15/99	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-01/07/99	13	1660.	1658.615	2130.	1069.	92038.256	303.378	1133.	1427.	1853.	2076.8
00300	OXYGEN, DISSOLVED MG/L	06/08/82-01/07/99	13	9.1	8.508	11.5	4.7	4.328	2.08	5.06	6.9	10.205	11.26
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-01/07/99	13	7.9	7.952	8.4	7.5	0.09	0.3	7.54	7.69	8.2	8.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-01/07/99	13	7.9	7.863	8.4	7.5	0.099	0.314	7.54	7.69	8.2	8.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-01/07/99	13	0.013	0.014	0.032	0.004	0.	0.009	0.004	0.006	0.02	0.029
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/07/81-01/07/99	13	4.	5.385	19.	0.	39.923	6.318	0.	0.	9.5	17.4
61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/01/91-01/07/99	3	0.	0.	0.	0.	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/01/91-01/07/99	3	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/07/81-01/07/99	13	1392.	1316.923	1714.	330.	148158.41	384.914	578.	1063.	1603.	1671.6

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/82-01/07/99	14	25.2	25.014	30.	18.4	10.078	3.175	20.	22.975	27.125	29.55
00058	FLOW, RATE GALLONS/MIN	10/17/82-01/07/99	6	69.3	55.6	90.	10.	1176.56	34.301	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/02/83-12/15/99	17	0.	0.059	0.5	0.	0.028	0.166	0.	0.	0.	0.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-01/07/99	14	1345.5	1268.143	1680.	466.	113578.747	337.014	548.	1231.	1487.75	1623.5
00300	OXYGEN, DISSOLVED MG/L	06/08/82-01/07/99	14	8.05	8.	11.4	5.9	2.322	1.524	5.95	6.45	8.9	10.4
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-01/07/99	14	8.	8.043	8.3	7.7	0.041	0.203	7.7	7.9	8.225	8.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-01/07/99	14	8.	7.998	8.3	7.7	0.043	0.208	7.7	7.9	8.225	8.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-01/07/99	14	0.01	0.01	0.02	0.005	0.	0.005	0.005	0.006	0.013	0.02
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/07/81-01/07/99	13	10.	9.738	15.	3.	12.489	3.534	4.2	7.3	12.5	15.
61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/01/91-01/07/99	4	0.	0.	0.	0.	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/01/91-01/07/99	4	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/07/81-01/07/99	13	1137.	1055.923	1314.	310.	68993.744	262.667	548.4	977.	1246.	1307.6

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

Station Inventory for Station: DINO0233

NPS Station ID: DINO0233
LAT/LON: 40.408333/-109.339660
Agency: 21UTAH
Date Created: 03/24/79
Location: BRUSH CK AT U149 XING
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493776
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14050007000401.21
RF3 Mile Point: 2.47
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/99	113	11.4	11.567	27.6	0.	59.071	7.686	0.34	6.05	17.1	22.98
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/11/90-07/31/91	5	21.2	17.24	30.	0.	134.088	11.58	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/30/78-12/16/99	94	12.	26.631	250.	0.	1910.79	43.713	1.	3.	31.75	67.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	122	29.	111.633	1000.	1.1	49767.269	223.086	6.65	12.	88.8	302.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	122	757.	904.533	9727.	103.	846477.243	920.042	377.5	517.5	1035.	1577.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	126	771.5	872.905	2485.	85.	203712.983	451.346	403.5	540.	1092.5	1556.2
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-06/12/96	84	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	04/11/78-12/16/99	120	9.45	9.406	13.4	6.6	2.474	1.573	7.5	8.078	10.375	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	08/30/78-10/30/79	6	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/30/78-06/26/90	86	14.5	15.012	44.	5.	77.953	8.829	5.	7.	20.25	27.
00400	PH (STANDARD UNITS)	08/30/78-06/12/96	77	8.	8.026	8.7	7.5	0.043	0.208	7.8	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	08/30/78-06/12/96	77	8.	7.978	8.7	7.5	0.045	0.213	7.8	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/78-06/12/96	77	0.01	0.011	0.032	0.002	0.	0.005	0.005	0.006	0.013	0.016
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	125	3.	3.48	49.	1.	20.123	4.486	1.	2.	4.	6.
00406	PH, FIELD, STANDARD UNITS SU	04/11/78-12/16/99	119	8.1	8.073	9.2	6.4	0.14	0.374	7.7	7.9	8.3	8.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/11/78-12/16/99	119	8.1	7.839	9.2	6.4	0.195	0.442	7.7	7.9	8.3	8.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-12/16/99	119	0.008	0.014	0.398	0.001	0.001	0.037	0.003	0.005	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	124	159.	167.984	342.	32.	3241.626	56.935	101.	125.	197.	253.
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	124	193.5	203.242	417.	39.	4587.193	67.729	123.	153.25	239.75	304.5
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	87	0.	0.115	8.	0.	0.777	0.882	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	120	62.5	383.85	9999.	0.	1657765.222	1287.542	11.06	25.25	191.25	731.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	123 ##	0.05	0.057	0.2	0.025	0.001	0.036	0.025	0.025	0.06	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/18/88-11/01/90	18 ##	0.005	0.008	0.05	0.005	0.	0.011	0.005	0.005	0.005	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/06/79-04/07/88	44 ##	0.005	0.011	0.025	0.005	0.	0.008	0.005	0.005	0.02	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/18/88-11/01/90	18	0.25	0.315	0.9	0.005	0.056	0.236	0.039	0.14	0.46	0.702
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/78-04/07/88	46	0.305	0.46	1.55	0.04	0.134	0.366	0.15	0.218	0.59	1.15
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/78-03/30/93	104	0.4	0.658	7.4	0.05	1.076	1.037	0.2	0.255	0.6	1.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/78-11/05/91	34	0.375	0.512	1.55	0.094	0.135	0.367	0.18	0.248	0.65	1.175
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/23/91-06/12/96	36	0.211	0.311	1.897	0.02	0.106	0.326	0.084	0.145	0.401	0.613
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	127	0.064	0.278	6.45	0.003	0.665	0.815	0.018	0.026	0.17	0.563
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/11/90-06/12/96	38	0.01	0.013	0.04	0.005	0.	0.009	0.005	0.005	0.019	0.025
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/18/88-06/26/90	18 ##	0.003	0.025	0.363	0.003	0.007	0.085	0.003	0.003	0.007	0.049
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/78-06/26/90	83	5.7	10.028	51.4	0.5	145.156	12.048	2.94	3.8	9.3	32.88
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	121	352.1	398.365	1051.	42.3	41727.717	204.274	182.36	240.3	528.	742.44
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	124	89.	99.044	242.	12.	2243.102	47.361	48.	64.25	130.	171.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	124	30.5	35.979	110.	3.	443.837	21.067	15.	20.	46.	68.
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	123	37.	50.397	240.	1.	1850.534	43.018	12.4	22.	66.	102.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	123	2.	2.442	8.	0.5	1.172	1.083	1.3	2.	3.	4.

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

Parameter Inventory for Station: DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	123	5.	6.636	38.	0.25	31.631	5.624	1.	3.	9.	13.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	124	251.	323.693	1300.	12.	53570.088	231.452	105.	159.5	423.75	677.775
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/30/78-04/09/85	12	0.24	0.228	0.31	0.	0.007	0.086	0.051	0.188	0.295	0.307
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/78-06/02/81	11	7.	6.909	9.	3.	3.491	1.868	3.4	5.	8.	9.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/25/86-05/01/96	13 ##	2.5	2.327	2.5	0.25	0.389	0.624	1.15	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/25/86-05/01/96	13	76.	75.219	120.	0.25	824.558	28.715	23.35	66.	89.8	116.
01020	BORON, DISSOLVED (UG/L AS B)	08/30/78-06/02/81	11	130.	165.	320.	100.	6615.	81.333	100.	100.	270.	311.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/25/86-05/01/96	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/25/86-05/01/96	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/06/79-06/02/81	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/86-05/01/96	13 ##	10.	8.462	10.	6.	4.103	2.025	6.	6.	10.	10.
01046	IRON, DISSOLVED (UG/L AS FE)	06/25/86-12/16/99	16	42.35	48.775	130.	10.	1654.065	40.67	10.	10.	81.175	116.
01049	LEAD, DISSOLVED (UG/L AS PB)	06/25/86-05/01/96	13 ##	1.5	1.885	2.5	1.5	0.256	0.506	1.5	1.5	2.5	2.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/13/83-05/01/96	14	36.	71.429	358.	3.	8957.495	94.644	4.	21.	84.25	269.
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/13/83-09/13/83	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/25/86-05/01/96	13 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/25/86-05/01/96	13 ##	15.	17.385	39.	10.	71.923	8.481	10.	10.	22.5	34.2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/25/95-05/01/96	5	35.	47.2	117.	15.	1785.2	42.252	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/25/86-05/01/96	13 ##	2.5	4.788	20.	0.25	31.04	5.571	0.35	1.25	7.5	16.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/78-04/22/92	95 ##	0.25	1.478	20.	0.25	8.786	2.964	0.25	0.25	1.2	4.
01501	ALPHA, TOTAL	06/30/99-12/16/99	3	6.1	6.027	7.3	4.68	1.72	1.312	**	**	**	**
03501	BETA, TOTAL	06/30/99-12/16/99	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
11501	RADIUM 228, TOTAL	08/10/99-12/16/99	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/11/78-10/30/79	10	930.	1906.3	9300.	40.	8558050.233	2925.415	40.	42.25	2875.	8800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/11/78-10/30/79	10	2.968	2.69	3.968	1.602	0.776	0.881	1.602	1.626	3.444	3.935
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			489.924								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/11/78-10/30/79	10	930.	3514.45	24000.	11.5	53805456.525	7335.22	11.5	11.5	2875.	22030.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/11/78-10/30/79	10	2.968	2.607	4.38	1.061	1.446	1.202	1.061	1.061	3.444	4.306
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			404.506								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/11/78-05/09/78	2	17.5	17.5	27.	8.	180.5	13.435	**	**	**	**
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/11/78-05/09/78	2	1.167	1.167	1.431	0.903	0.14	0.374	**	**	**	**
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			14.697								
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/24/95-05/24/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	05/24/95-05/24/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/06/79-03/06/79	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-06/30/99	34	344.5	374.824	885.	0.	47419.241	217.76	131.5	227.5	449.75	788.
61283	M-XYLENE + P-XYLENE, TOTAL, WATER UG/L	05/24/95-05/24/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
61291	TOLUENE, TOTAL WATER UG/L	05/24/95-05/24/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-06/30/99	34	148.	162.618	374.	0.	7442.122	86.268	64.	106.	204.75	314.5
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	129	542.	650.628	2232.	102.	157734.72	397.158	258.	373.	835.	1286.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/06/79-04/07/88	44	0.03	0.094	0.75	0.003	0.024	0.154	0.005	0.01	0.128	0.27
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/26/92-05/01/96	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
80015	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	05/24/95-05/24/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82559	HYDROCARBONS,VOLATILE, IN WATER TOTALUG/L	05/24/95-05/24/95	1 ##	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	96 ##	1.	1.746	16.	0.25	4.472	2.115	0.25	0.5	2.5	2.86
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	95	0.06	0.062	0.3	0.025	0.002	0.042	0.025	0.025	0.08	0.095
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	95 ##	0.5	0.6	3.	0.5	0.163	0.403	0.5	0.5	0.5	0.7
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	95 ##	2.5	4.816	113.	2.5	142.006	11.917	2.5	2.5	2.5	6.4
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	95 ##	10.	10.147	39.	5.	25.191	5.019	5.	10.	10.	15.4
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	95	0.6	1.46	24.	0.02	9.199	3.033	0.26	0.35	1.2	2.4
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	95 ##	2.5	3.689	20.	2.5	10.405	3.226	2.5	2.5	2.5	6.4
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	96	105.	211.365	2370.	5.	148436.55	385.275	45.	62.25	157.5	402.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	95 ##	0.05	0.088	0.5	0.01	0.004	0.066	0.05	0.05	0.1	0.1
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-10/11/83	25 ##	5.	8.36	29.	5.	36.74	6.061	5.	5.	11.	17.
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	95 ##	1.	1.153	5.	0.5	0.538	0.733	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	96	10.	29.411	845.	2.5	7595.937	87.155	5.	10.	25.	53.

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EPA Water Quality Criteria Analysis for Station: DINO0233

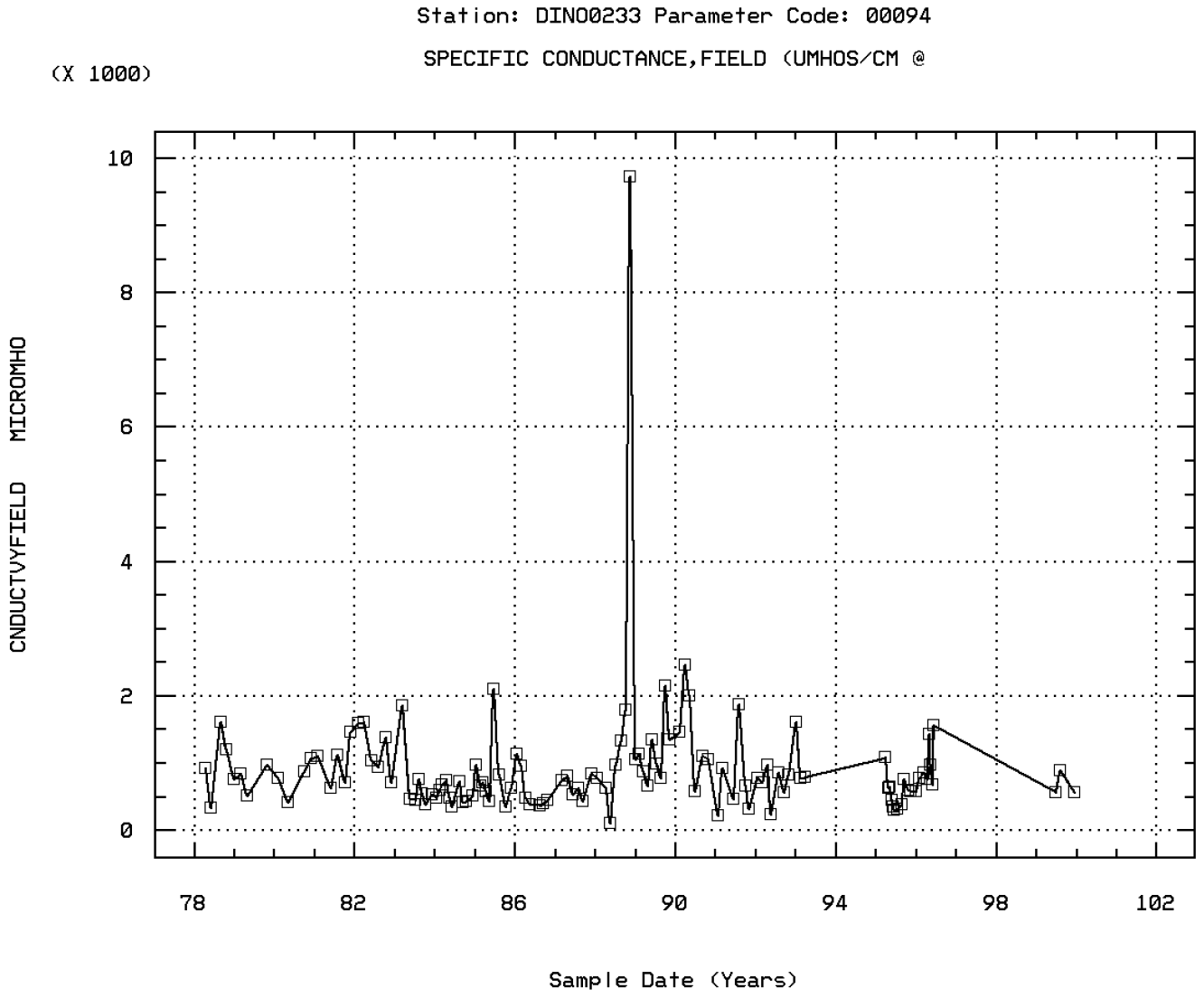
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	122	46	0.38	54	10	0.19	37	24	0.65	31	12	0.39			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	120	0	0.00	53	0	0.00	37	0	0.00	30	0	0.00			
00400	PH	Fresh Chronic	9.	77	0	0.00	33	0	0.00	25	0	0.00	19	0	0.00			
		Other-Lo Lim.	6.5	77	0	0.00	33	0	0.00	25	0	0.00	19	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	119	2	0.02	52	1	0.02	36	1	0.03	31	0	0.00			
		Other-Lo Lim.	6.5	119	1	0.01	52	0	0.00	36	0	0.00	31	1	0.03			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	44	0	0.00	21	0	0.00	13	0	0.00	10	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	46	0	0.00	22	0	0.00	13	0	0.00	11	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	34	0	0.00	20	0	0.00	8	0	0.00	6	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	36	0	0.00	13	0	0.00	15	0	0.00	8	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	123	0	0.00	55	0	0.00	37	0	0.00	31	0	0.00			
		Drinking Water	250.	123	0	0.00	55	0	0.00	37	0	0.00	31	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	124	64	0.52	56	29	0.52	37	19	0.51	31	16	0.52			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	5.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	100.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	1300.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	15.	13	0	0.00	6	0	0.00	4	0	0.00	3	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	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	100.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	5000.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	13	1	0.08	6	0	0.00	4	1	0.25	3	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	95	1	0.01	45	0	0.00	27	0	0.00	23	1	0.04			
		Drinking Water	50.	95	0	0.00	45	0	0.00	27	0	0.00	23	0	0.00			
11501	RADIUM 228, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	10	3	0.30	3	1	0.33	5	2	0.40	2	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	10	6	0.60	3	1	0.33	5	3	0.60	2	2	1.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00				1	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	12	0	0.00	6	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	2.	12	0	0.00	6	0	0.00	4	0	0.00	2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	96	0	0.00	46	0	0.00	27	0	0.00	23	0	0.00			
		Drinking Water	50.	96	0	0.00	46	0	0.00	27	0	0.00	23	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	95	0	0.00	46	0	0.00	27	0	0.00	22	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	95	0	0.00	46	0	0.00	27	0	0.00	22	0	0.00			
		Drinking Water	5.	95	0	0.00	46	0	0.00	27	0	0.00	22	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	95	1	0.01	46	1	0.02	27	0	0.00	22	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	95	7	0.07	46	1	0.02	27	6	0.22	22	0	0.00			
		Drinking Water	1300.	95	0	0.00	46	0	0.00	27	0	0.00	22	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	95	0	0.00	46	0	0.00	27	0	0.00	22	0	0.00			
		Drinking Water	15.	95	4	0.04	46	0	0.00	27	3	0.11	22	1	0.05			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	95	0	0.00	46	0	0.00	27	0	0.00	22	0	0.00			
		Drinking Water	2.	95	0	0.00	46	0	0.00	27	0	0.00	22	0	0.00			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	25	0	0.00	12	0	0.00	6	0	0.00	7	0	0.00			
		Drinking Water	100.	25	0	0.00	12	0	0.00	6	0	0.00	7	0	0.00			

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

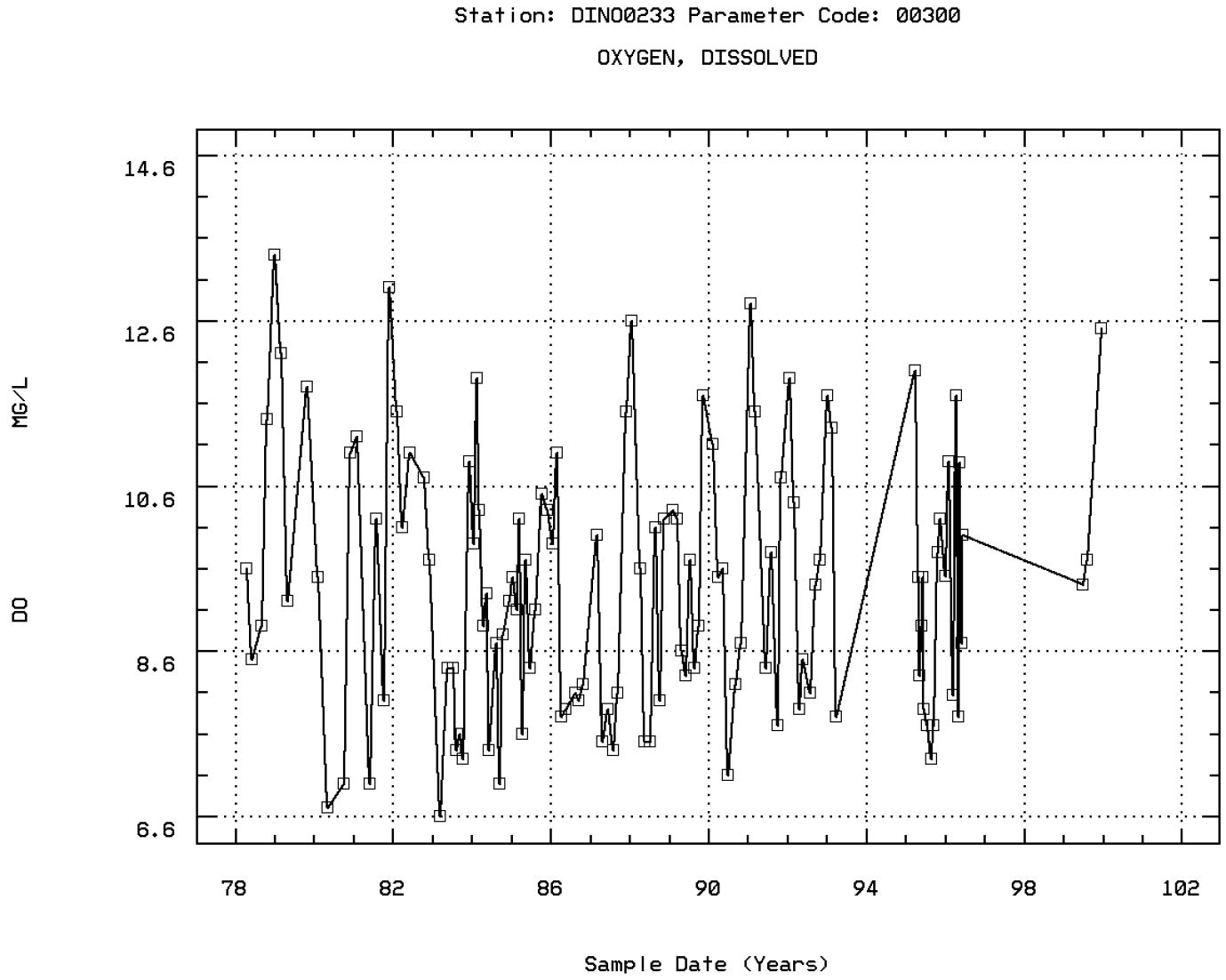
EPA Water Quality Criteria Analysis for Station: DINO0233

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	93 &	1	0.01	44	0	0.00	27	1	0.04	22	0	0.00			
		Drinking Water	100.	95	0	0.00	46	0	0.00	27	0	0.00	22	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	96	1	0.01	46	1	0.02	27	0	0.00	23	0	0.00			
		Drinking Water	5000.	96	0	0.00	46	0	0.00	27	0	0.00	23	0	0.00			

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



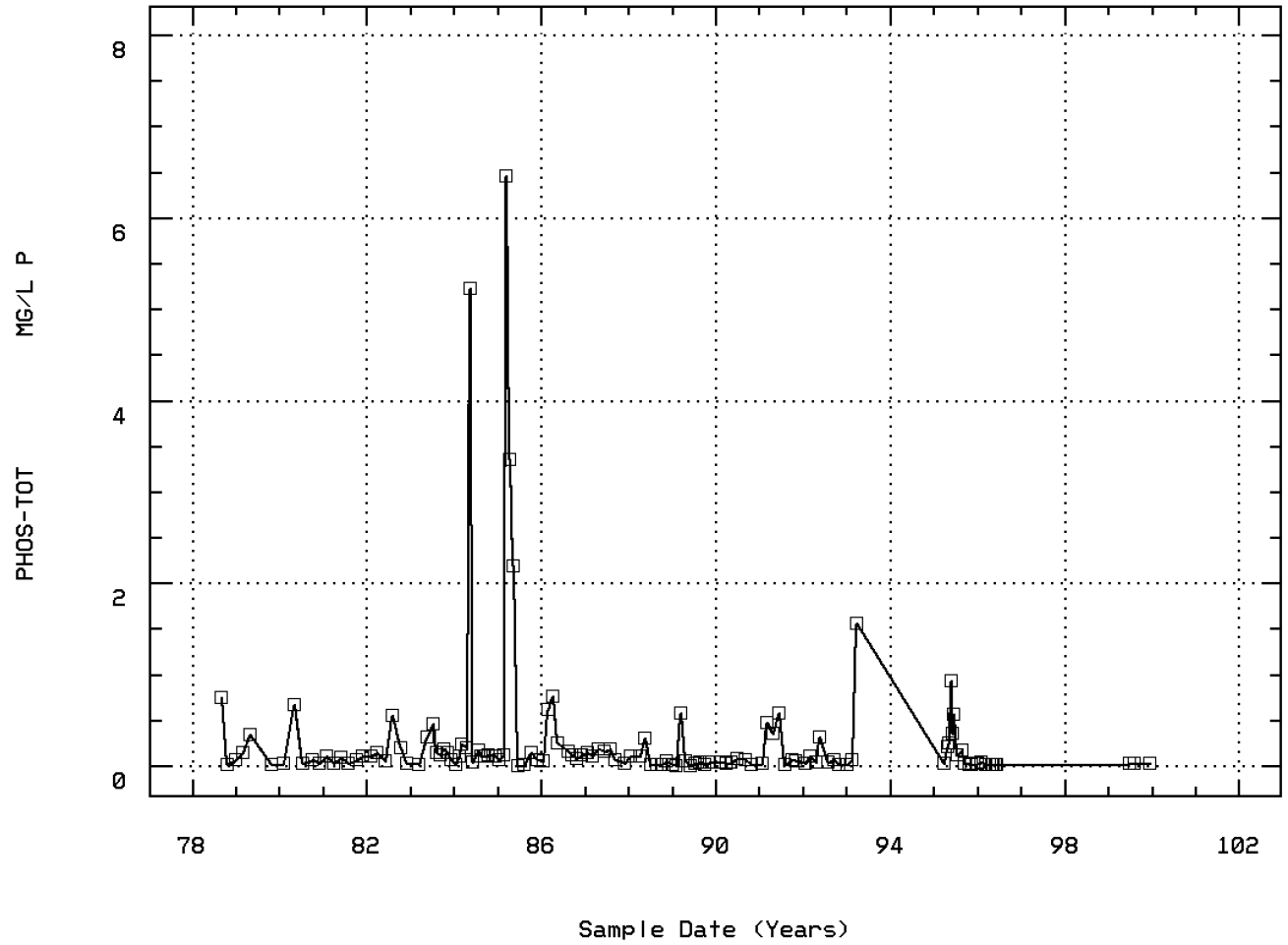
BRUSH CK AT U149 XING



BRUSH CK AT U149 XING

Station: DIN00233 Parameter Code: 00665

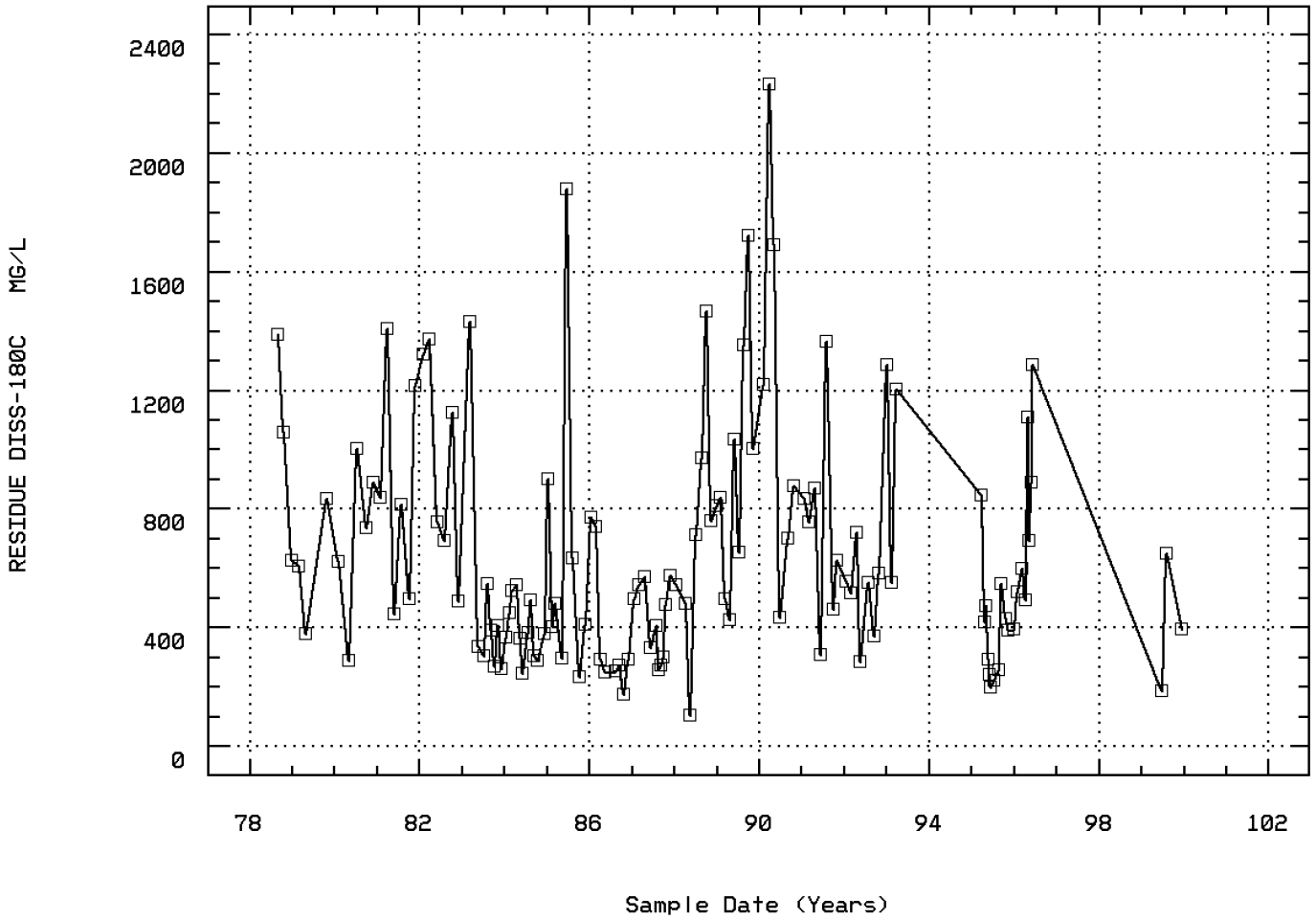
PHOSPHORUS, TOTAL (MG/L AS P)



BRUSH CK AT U149 XING

Station: DIN00233 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



BRUSH CK AT U149 XING

Annual Analysis for 1978 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	4	1055.	1011.25	1600.	335.	283272.917	532.234	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	3	910.	968.333	1660.	335.	441458.333	664.423	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	1	244.	244.	244.	244.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	1	298.	298.	298.	298.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	2	0.385	0.385	0.75	0.02	0.266	0.516	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	1	188.	188.	188.	188.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	1	760.	760.	760.	760.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	2	1222.	1222.	1388.	1056.	55112.	234.759	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	1	120.	120.	120.	120.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	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 box-and-whisker plot

Annual Analysis for 1979 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	2	61.	61.	110.	12.	4802.	69.296	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	4	797.5	768.75	970.	510.	37306.25	193.148	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	2	1025.	1025.	1170.	880.	42050.	205.061	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	2	193.	193.	194.	192.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	2	227.	227.	234.	220.	98.	9.899	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	4	11.5	15.	36.	1.	248.667	15.769	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	4	0.1	0.14	0.34	0.02	0.02	0.142	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	2	110.	110.	124.	96.	392.	19.799	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	2	48.	48.	54.	42.	72.	8.485	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	2	51.	51.	68.	34.	578.	24.042	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	2	7.	7.	9.	5.	8.	2.828	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	2	368.	368.	455.	281.	15138.	123.037	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	4	616.	610.25	831.	378.	34312.25	185.236	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	2	0.9	0.9	1.45	0.35	0.605	0.778	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	2	82.5	82.5	110.	55.	1512.5	38.891	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	2	20.	20.	25.	15.	50.	7.071	**	**	**	**

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

Annual Analysis for 1980 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	5	19.	22.6	43.	12.	168.3	12.973	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	4	820.	780.	1070.	410.	76400.	276.405	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	5	1020.	963.	1300.	430.	110770.	332.821	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	5	2.	2.	3.	1.	0.5	0.707	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	5	185.	170.8	203.	110.	1387.7	37.252	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	5	226.	207.6	248.	134.	2018.8	44.931	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	3	41.	50.333	81.	29.	741.333	27.227	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	5 ##	0.05	0.06	0.1	0.05	0.001	0.022	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	5	0.03	0.163	0.67	0.025	0.081	0.284	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	5	114.	110.	136.	56.	1072.	32.741	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	5	42.	40.6	63.	16.	289.8	17.024	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	5	60.	54.4	104.	15.	1213.3	34.832	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	5	2.	2.4	4.	1.	1.3	1.14	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	5	8.	7.2	10.	2.	9.7	3.114	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	5	390.	364.6	550.	108.	27430.8	165.622	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	5	736.	706.	1000.	286.	76064.	275.797	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	5	1.	1.5	3.	0.5	1.	1.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	5	6.	7.	13.	2.5	23.375	4.835	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	5	15.	14.2	20.	5.	30.7	5.541	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	5	0.46	2.466	10.5	0.37	20.174	4.492	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	5 ##	5.	7.1	18.	2.5	38.3	6.189	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	5	60.	148.4	500.	20.	39830.3	199.575	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	5 ##	0.05	0.15	0.3	0.05	0.019	0.137	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	5 ##	1.	1.8	5.	1.	3.2	1.789	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	5	50.	218.	845.	30.	123882.5	351.969	**	**	**	**

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Annual Analysis for 1981 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	6	39.5	61.017	150.	5.	3981.442	63.099	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	5	1100.	1002.6	1462.	631.	115992.8	340.577	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	6	1110.	1138.333	1720.	636.	188771.867	434.479	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	6	3.	3.333	7.	1.	4.667	2.16	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	6	185.5	178.	220.	133.	1283.2	35.822	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	6	226.	216.833	268.	162.	1914.567	43.756	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	4	26.	69.75	221.	6.	10386.917	101.916	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	6 ##	0.05	0.083	0.2	0.05	0.004	0.061	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	6	0.08	0.07	0.11	0.025	0.001	0.037	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	6	124.	126.5	182.	76.	2086.3	45.676	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	6	47.5	51.333	78.	29.	481.867	21.951	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	6	65.	67.	125.	26.	1285.6	35.855	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	6	2.5	2.833	5.	2.	1.367	1.169	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	6	7.	7.667	14.	3.	20.667	4.546	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	6	430.	454.667	785.	192.	53465.867	231.227	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	6	824.	867.5	1406.	445.	146148.7	382.294	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	6 ##	0.75	0.917	2.	0.5	0.342	0.585	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	5.	5.833	10.	5.	4.167	2.041	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	5	0.39	0.87	1.96	0.25	0.64	0.8	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	2.5	2.917	5.	2.5	1.042	1.021	**	**	**	**

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Annual Analysis for 1981 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	6	117.5	104.167	140.	30.	1754.167	41.883	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	6	17.5	25.	75.	2.5	747.5	27.34	**	**	**	**

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Annual Analysis for 1982 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	6	44.	64.833	146.	14.	3033.367	55.076	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	6	1205.	1205.333	1600.	700.	139010.667	372.841	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	6	1195.	1188.333	1660.	710.	140296.667	374.562	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	6	4.	5.	8.	3.	5.6	2.366	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	6	195.5	194.833	254.	141.	1741.367	41.73	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	6	238.	237.667	310.	172.	2592.667	50.918	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	6	62.5	142.	549.	21.	40704.	201.752	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	6	0.125	0.179	0.55	0.025	0.037	0.193	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	6	139.5	141.833	202.	78.	2788.167	52.803	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	6	53.	55.833	83.	32.	490.967	22.158	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	6	70.5	64.833	84.	27.	546.967	23.387	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	6	2.5	2.5	3.	2.	0.3	0.548	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	6	10.	9.833	15.	5.	16.567	4.07	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	6	475.	505.167	800.	236.	53662.167	231.651	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	6	939.	958.	1372.	486.	132736.	364.33	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	6	0.85	0.992	2.	0.25	0.43	0.656	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	6 ##	0.043	0.058	0.11	0.025	0.002	0.039	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	5.	7.833	17.	5.	24.167	4.916	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	6	0.69	0.74	1.4	0.02	0.259	0.509	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	2.5	3.083	6.	2.5	2.042	1.429	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	6	135.	140.	180.	105.	700.	26.458	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	0.05	0.075	0.2	0.05	0.004	0.061	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	6	20.	28.667	90.	7.	958.667	30.962	**	**	**	**

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Annual Analysis for 1983 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	8	73.65	195.788	1000.	16.7	110065.238	331.761	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	7	518.	709.429	1857.	381.	270242.952	519.849	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	8	540.	686.25	1745.	390.	200983.929	448.312	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	8	3.5	9.375	49.	3.	257.125	16.035	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	8	123.	133.625	248.	97.	2339.411	48.367	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	8	150.	162.75	302.	118.	3470.786	58.913	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	8	159.5	1373.5	9210.	38.	10090292.	3176.522	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	8 ##	0.05	0.069	0.2	0.05	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	8	0.15	0.183	0.46	0.01	0.021	0.145	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	8	66.	83.125	228.	48.	3521.554	59.343	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	8	20.	26.	61.	16.	228.571	15.119	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	7	25.	38.143	114.	11.	1287.476	35.881	**	**	**	**

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Annual Analysis for 1983 - Station DINO0233

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00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	7	2.	2.286	4.	1.	0.905	0.951	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	8	2.	4.25	14.	1.	20.214	4.496	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	8	162.5	245.75	785.	105.	50643.643	225.041	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	8	362.	492.25	1430.	258.	152257.643	390.202	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	8	1.	3.025	16.	0.7	27.648	5.258	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	8	0.055	0.061	0.09	0.025	0.	0.021	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	8 ##	0.5	0.688	2.	0.5	0.281	0.53	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	8 ##	2.5	5.	17.	2.5	27.214	5.217	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	8	10.	10.625	20.	5.	31.696	5.63	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	8	1.065	2.115	10.	0.42	10.447	3.232	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	8 ##	2.5	3.063	7.	2.5	2.531	1.591	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	8	110.	284.375	1550.	55.	263160.268	512.991	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	8 ##	0.05	0.069	0.1	0.05	0.001	0.026	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	8 ##	1.	1.188	2.5	1.	0.281	0.53	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	8	12.5	19.375	65.	2.5	487.054	22.069	**	**	**	**

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Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	11	88.4	243.136	1000.	21.	124295.677	352.556	21.22	30.	316.	972.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	10	499.5	536.3	737.	344.	18718.9	136.817	351.3	419.25	686.	735.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	11	580.	585.909	780.	375.	18419.091	135.717	387.	445.	710.	774.
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	11	3.	3.636	7.	2.	1.855	1.362	2.2	3.	4.	6.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	11	120.	130.909	169.	100.	672.691	25.936	100.4	103.	156.	167.4
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	11	146.	159.455	206.	122.	996.073	31.561	122.4	126.	190.	204.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	11	215.	1126.455	9999.	32.	8700537.473	2949.667	33.8	63.	535.	8134.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	11 ##	0.05	0.073	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	11	0.11	0.584	5.23	0.01	2.379	1.542	0.016	0.1	0.2	4.232
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	11	66.	67.455	90.	44.	235.873	15.358	45.4	54.	83.	89.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	11	21.	22.727	34.	15.	42.818	6.544	15.2	17.	27.	33.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	11	22.	21.	43.	2.	186.4	13.653	2.2	12.	34.	41.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	11	2.	2.136	3.	0.5	0.705	0.839	0.6	2.	3.	3.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	11	2.	5.773	38.	0.5	116.068	10.773	0.6	2.	4.	31.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	11	161.	171.727	252.	82.	3278.618	57.259	86.6	123.	239.	251.2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	11	379.	392.818	542.	244.	9532.564	97.635	252.4	302.	490.	538.
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	9	1.	1.606	5.5	0.25	2.475	1.573	0.25	0.75	2.	5.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	9	0.05	0.046	0.08	0.025	0.	0.022	0.025	0.025	0.065	0.08
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	0.5	0.667	1.	0.5	0.063	0.25	0.5	0.5	1.	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	2.5	2.778	5.	2.5	0.694	0.833	2.5	2.5	2.5	5.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	5.	7.222	25.	5.	44.444	6.667	5.	5.	5.	25.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	9	0.5	1.156	5.15	0.15	2.62	1.619	0.15	0.255	1.54	5.15
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	2.5	3.5	8.	2.5	4.188	2.046	2.5	2.5	4.25	8.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	9	80.	311.667	2170.	5.	488762.5	699.116	5.	45.	165.	2170.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	9	10.	16.944	50.	2.5	240.278	15.501	2.5	5.	27.5	50.

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Annual Analysis for 1985 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	9	40.	285.511	1000.	1.1	181517.889	426.049	1.1	14.75	712.5	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	9	658.	801.444	2090.	353.	268768.528	518.429	353.	496.	897.	2090.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	9	660.	844.667	2220.	400.	328651.75	573.282	400.	449.	1027.5	2220.
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	9	2.	2.222	5.	1.	1.694	1.302	1.	1.	3.	5.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	9	149.	184.444	308.	98.	6160.278	78.487	98.	135.	271.5	308.
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	9	178.	203.889	376.	120.	6184.111	78.639	120.	165.5	237.	376.
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	9	94.	577.	2200.	6.	678845.75	823.921	6.	42.	1280.	2200.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	9	0.1	0.078	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	9	0.12	1.378	6.45	0.003	5.072	2.252	0.003	0.04	2.77	6.45
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	9	72.	99.444	242.	44.	3775.528	61.445	44.	64.5	127.5	242.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	9	24.	34.333	109.	12.	952.25	30.859	12.	16.	42.5	109.
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	9	24.	54.889	215.	12.	4088.861	63.944	12.	17.	66.	215.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	9	2.	3.333	8.	2.	4.25	2.062	2.	2.	4.5	8.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	9	4.	5.889	15.	2.	15.861	3.983	2.	3.5	7.5	15.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	9	204.	313.889	1060.	101.	88994.611	298.32	101.	150.	376.	1060.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	8	444.	653.25	1876.	232.	287994.5	536.651	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	9	1.	2.139	7.	0.25	6.345	2.519	0.25	0.25	4.5	7.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	9 ##	0.025	0.039	0.09	0.025	0.001	0.023	0.025	0.025	0.055	0.09
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	0.5	1.111	3.	0.5	1.174	1.083	0.5	0.5	2.	3.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	2.5	4.389	8.	2.5	5.361	2.315	2.5	2.5	6.5	8.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	10.	11.111	20.	10.	11.111	3.333	10.	10.	10.	20.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	9	0.42	1.142	4.76	0.09	2.27	1.507	0.09	0.235	1.705	4.76
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	2.5	5.611	15.	2.5	19.236	4.386	2.5	2.5	8.5	15.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	9	100.	528.889	2370.	40.	669242.361	818.072	40.	52.5	972.5	2370.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	0.05	0.128	0.5	0.05	0.023	0.15	0.05	0.05	0.175	0.5
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	9	10.	17.222	50.	5.	244.444	15.635	5.	5.	27.5	50.

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Annual Analysis for 1986 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	8	65.	133.	600.	19.	38044.571	195.05	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	7	448.	591.714	1134.	361.	100494.238	317.008	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	8	426.	550.5	1030.	285.	85010.857	291.566	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	8	2.	3.	6.	1.	3.143	1.773	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	8	118.	129.25	205.	91.	1444.786	38.01	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	8	144.	158.	250.	112.	2137.143	46.229	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	8	154.	433.125	1490.	38.	298815.554	546.64	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	8 ##	0.05	0.063	0.1	0.05	0.001	0.023	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	8	0.14	0.269	0.76	0.05	0.072	0.269	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	8	58.	71.5	136.	39.	1284.571	35.841	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	8	18.15	23.538	45.	14.	179.254	13.389	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	8	16.	23.7	52.	11.	298.949	17.29	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	8	2.	2.163	5.	1.	1.754	1.324	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	8	2.5	3.25	8.	1.	5.643	2.375	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	8	111.	175.763	378.	100.	15314.651	123.752	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	8	281.	379.125	770.	172.	54991.268	234.502	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	11 ##	0.25	0.477	1.5	0.25	0.256	0.506	0.25	0.25	0.25	1.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	11 ##	0.025	0.04	0.08	0.025	0.001	0.024	0.025	0.025	0.07	0.08
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	11 ##	2.5	12.773	113.	2.5	1105.568	33.25	2.5	2.5	2.5	91.4
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	11 ##	10.	10.909	20.	10.	9.091	3.015	10.	10.	10.	18.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	11	0.75	1.375	7.1	0.04	4.056	2.014	0.068	0.39	1.27	6.19

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Annual Analysis for 1986 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	11 ##	2.5	2.727	5.	2.5	0.568	0.754	2.5	2.5	2.5	4.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	11	55.	145.091	740.	15.	45488.491	213.28	16.	20.	210.	644.8
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	11 ##	0.05	0.064	0.2	0.05	0.002	0.045	0.05	0.05	0.05	0.17
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	11 ##	1.	0.955	1.	0.5	0.023	0.151	0.6	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	11	15.	22.636	105.	5.	796.855	28.229	5.	10.	20.	90.

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Annual Analysis for 1987 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	8	36.5	41.25	75.	16.	386.214	19.652	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	6	681.	655.333	829.	422.	26890.267	163.983	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	10	623.5	612.1	825.	395.	26252.989	162.028	398.3	433.25	775.75	824.8
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	10	1.	1.7	4.	1.	1.122	1.059	1.	1.	2.25	3.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	10	127.	129.7	167.	95.	817.789	28.597	95.3	98.	158.25	166.2
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	10	155.	158.6	204.	117.	1209.6	34.779	117.3	120.	193.25	203.
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	8	112.	100.25	169.	0.	3216.5	56.714	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	7 ##	0.025	0.039	0.1	0.025	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	7	0.14	0.121	0.18	0.03	0.004	0.06	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	10	72.	71.8	110.	46.	536.844	23.17	46.1	47.75	90.75	108.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	10	24.	23.7	36.	14.	59.567	7.718	14.1	15.	31.	35.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	10	28.5	27.8	38.	18.	54.4	7.376	18.1	20.5	34.	37.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	10	2.	1.9	3.	1.	0.544	0.738	1.	1.	2.25	3.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	10	5.	4.85	7.5	2.	3.225	1.796	2.1	3.375	6.	7.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	10	195.	192.	290.	110.	4440.	66.633	110.	125.	252.5	287.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	10	440.	421.7	572.	256.	15504.9	124.519	257.6	293.	548.5	571.6
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	7 ##	0.55	1.814	8.	0.55	7.57	2.751	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	7	0.078	0.078	0.09	0.061	0.	0.009	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	7	0.84	0.857	1.21	0.33	0.135	0.368	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	7	66.	78.286	150.	49.	1217.905	34.898	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	0.05	0.066	0.1	0.01	0.001	0.035	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	7 ##	7.5	15.	60.	5.	395.833	19.896	**	**	**	**

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Annual Analysis for 1988 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	7	27.	61.429	270.	3.	9174.922	95.786	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	7	967.	2184.286	9727.	103.	11341508.571	3367.716	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	7	970.	944.143	1770.	85.	273601.476	523.069	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	7	3.	2.857	5.	1.	1.476	1.215	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	7	182.	174.286	272.	32.	5613.571	74.924	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	7	222.	212.857	332.	39.	8359.476	91.43	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	7	38.	49.	119.	0.	2709.667	52.054	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	7 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	7	0.05	0.084	0.3	0.01	0.011	0.103	**	**	**	**

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

Annual Analysis for 1988 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	7	99.	102.143	190.	12.	2891.81	53.776	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	7	37.	38.571	78.	3.	523.952	22.89	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	7	62.	59.286	130.	1.	1877.238	43.327	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	7	2.	2.357	4.	0.5	1.226	1.107	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	7	8.	7.929	13.	0.5	17.202	4.148	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	7	350.	361.714	800.	12.	60980.571	246.942	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	7	710.	718.571	1464.	102.	181698.286	426.261	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	7 ##	0.5	0.979	2.8	0.5	0.782	0.884	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	7	0.07	0.068	0.083	0.055	0.	0.01	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	7	0.63	0.569	1.	0.31	0.064	0.252	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	7	88.	118.143	180.	76.	2118.81	46.031	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	0.1	0.123	0.26	0.1	0.004	0.06	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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Annual Analysis for 1989 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	9	18.	96.456	610.	5.1	39096.743	197.729	5.1	12.	87.	610.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	9	1050.	1142.889	2140.	652.	195576.111	442.24	652.	821.	1344.5	2140.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	9	1085.	1207.444	2089.	622.	207541.278	455.567	622.	864.5	1495.5	2089.
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	9	2.	3.222	7.	1.	3.694	1.922	1.	2.	4.5	7.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	9	208.	210.778	342.	123.	4542.444	67.398	123.	159.	248.	342.
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	9	254.	257.111	417.	151.	6742.861	82.115	151.	193.5	302.5	417.
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	9	45.	327.556	2448.	15.	636506.028	797.813	15.	22.	146.	2448.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	9	0.05	0.048	0.07	0.025	0.	0.015	0.025	0.038	0.055	0.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	9	0.026	0.084	0.575	0.003	0.034	0.185	0.003	0.006	0.044	0.575
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	9	130.	124.556	200.	44.	2252.278	47.458	44.	83.5	155.	200.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	9	47.	48.556	87.	18.	449.278	21.196	18.	30.5	61.5	87.
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	9	71.	83.556	180.	29.	2102.278	45.851	29.	49.5	110.	180.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	9	3.	3.111	5.	2.	1.111	1.054	2.	2.	4.	5.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	9	9.2	12.744	30.	4.1	66.128	8.132	4.1	6.45	17.5	30.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	9	410.	464.444	910.	190.	52877.778	229.952	190.	270.	610.	910.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	9	836.	925.333	1722.	426.	170549.	412.976	426.	574.	1193.	1722.
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	9 ##	2.5	2.556	7.	0.5	4.715	2.171	0.5	0.75	3.75	7.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	9	0.079	0.11	0.3	0.072	0.005	0.073	0.072	0.076	0.105	0.3
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	2.5	6.111	35.	2.5	117.361	10.833	2.5	2.5	2.5	35.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	10.	13.222	39.	10.	93.444	9.667	10.	10.	10.	39.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	9	0.43	3.222	24.	0.32	60.952	7.807	0.32	0.38	1.285	24.
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	2.5	4.444	20.	2.5	34.028	5.833	2.5	2.5	2.5	20.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	9	140.	246.333	980.	61.	82225.75	286.75	61.	93.	285.	980.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	9 ##	10.	20.	100.	10.	900.	30.	10.	10.	10.	100.

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Annual Analysis for 1990 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	6	8.1	13.75	42.	7.4	192.143	13.862	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	6	1273.5	1435.833	2450.	573.	468031.767	684.128	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	6	1325.	1458.	2485.	640.	484974.	696.401	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	6	4.	4.5	7.	2.	4.7	2.168	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	6	223.5	216.667	270.	140.	2786.267	52.785	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	6	273.	264.333	329.	171.	4124.267	64.22	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	6	24.5	27.5	62.	11.	328.3	18.119	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	6	0.055	0.058	0.11	0.025	0.001	0.033	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	6	0.04	0.047	0.084	0.02	0.001	0.023	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	6	150.	148.333	230.	70.	4016.667	63.377	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	6	57.	60.833	110.	24.	996.167	31.562	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	6	77.	116.333	240.	33.	7433.467	86.218	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	6	3.	3.	4.	2.	0.4	0.632	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	5	10.2	12.6	20.9	5.	41.665	6.455	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	6	555.	642.833	1300.	190.	166660.167	408.24	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	6	1046.	1191.	2232.	434.	449726.	670.616	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	6	0.072	0.07	0.083	0.049	0.	0.014	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	6	0.365	0.47	1.	0.31	0.069	0.263	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	6	120.	161.	360.	72.	12546.8	112.012	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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Annual Analysis for 1991 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	7	34.	117.286	325.	7.	16595.905	128.825	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	6	554.	733.333	1860.	207.	368429.467	606.984	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	7	979.	954.857	1600.	438.	137547.476	370.874	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	7	4.	3.857	5.	2.	1.143	1.069	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	7	165.	184.	303.	116.	3983.	63.111	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	7	202.	224.714	370.	142.	5937.571	77.056	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	7	77.	354.714	1050.	25.	167907.238	409.765	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	7	0.05	0.051	0.1	0.025	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	7	0.064	0.222	0.573	0.02	0.055	0.235	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	7	110.	114.286	170.	56.	1613.905	40.173	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	7	37.	39.571	70.	17.	319.952	17.887	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	7	47.	57.286	130.	15.	1384.238	37.205	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	7	2.3	2.6	3.9	1.8	0.573	0.757	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	7	6.8	6.543	12.5	3.	11.43	3.381	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	7	380.	371.429	690.	110.	35647.619	188.806	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	7	756.	744.571	1362.	308.	115226.286	339.45	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	7	0.092	0.119	0.25	0.073	0.004	0.062	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	2.5	3.571	10.	2.5	8.036	2.835	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	10.	11.714	22.	10.	20.571	4.536	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	7	1.3	2.731	9.5	0.34	10.762	3.281	**	**	**	**

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Annual Analysis for 1991 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	2.5	5.714	15.	2.5	24.405	4.94	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	7	140.	218.571	430.	100.	19814.286	140.763	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	7 ##	1.	1.214	2.5	1.	0.321	0.567	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	7	25.	25.714	66.	10.	400.905	20.023	**	**	**	**

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Annual Analysis for 1992 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	7	9.6	28.9	93.	6.5	1056.077	32.497	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	7	773.	698.429	962.	237.	57310.286	239.396	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	7	775.	711.714	960.	415.	32356.571	179.879	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	7	3.	3.571	8.	2.	4.619	2.149	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	7	159.	153.571	185.	119.	605.952	24.616	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	7	194.	187.571	226.	146.	892.286	29.871	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	7	15.	102.429	495.	11.	31717.952	178.095	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	7 ##	0.025	0.03	0.06	0.025	0.	0.013	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	7	0.04	0.084	0.31	0.016	0.011	0.104	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	7	90.	83.	100.	51.	327.	18.083	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	7	29.	27.429	39.	16.	59.619	7.721	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	7	36.	37.	61.	16.	228.	15.1	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	7	1.9	2.171	3.1	1.9	0.202	0.45	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	7	4.7	4.434	6.3	2.1	2.488	1.577	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	7	250.	234.409	350.	96.593	7037.701	83.891	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	7	550.	510.	718.	282.	20694.667	143.856	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	3	0.088	0.084	0.09	0.073	0.	0.009	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	3	0.34	0.6	1.2	0.26	0.272	0.521	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	3	100.	91.667	130.	45.	1858.333	43.108	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	3	22.	18.333	23.	10.	52.333	7.234	**	**	**	**

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Annual Analysis for 1993 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	3	40.	349.133	1000.	7.4	317986.253	563.903	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	3	780.	1050.667	1600.	772.	226341.333	475.753	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	3	1540.	1308.	1580.	804.	190912.	436.935	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	3	6.	6.333	9.	4.	6.333	2.517	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	3	182.	213.333	296.	162.	5225.333	72.286	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	3	222.	260.333	361.	198.	7744.333	88.002	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	3	84.	788.667	2270.	12.	1647057.333	1283.377	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	3 ##	0.025	0.035	0.054	0.025	0.	0.017	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	3	0.06	0.546	1.561	0.017	0.773	0.879	**	**	**	**

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Annual Analysis for 1993 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	3	150.	130.667	170.	72.	2681.333	51.782	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	3	46.	48.667	68.	32.	329.333	18.148	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	3	82.	82.333	130.	35.	2256.333	47.501	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	3	2.7	3.467	5.9	1.8	4.643	2.155	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	3	11.1	11.3	14.8	8.	11.59	3.404	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	3	644.66	524.673	675.55	253.81	55263.757	235.082	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	3	1202.	1013.333	1286.	552.	161385.333	401.728	**	**	**	**

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Annual Analysis for 1995 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	11	58.	80.191	350.	4.8	10220.253	101.095	4.84	8.3	110.	310.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	11	580.	550.636	1083.	292.	54094.255	232.582	297.6	344.	638.	1018.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	11	596.	573.455	1113.	298.	60024.673	244.999	303.8	355.	712.	1050.
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	11	2.	1.727	2.	1.	0.218	0.467	1.	1.	2.	2.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	11	144.	137.364	203.	86.	1293.855	35.97	87.6	98.	158.	195.6
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	11	176.	167.273	248.	105.	1935.418	43.993	106.8	119.	192.	238.8
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	11	90.	239.818	1452.	9.	171066.764	413.602	10.8	22.	254.	1214.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	11 ##	0.025	0.052	0.173	0.025	0.002	0.046	0.025	0.025	0.08	0.154
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	11	0.17	0.243	0.928	0.01	0.08	0.282	0.012	0.03	0.35	0.854
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	11	72.	69.455	140.	37.	918.873	30.313	37.	45.	86.	130.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	11	22.	21.964	50.	9.6	136.175	11.669	9.88	13.	27.	46.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	11	21.	23.536	61.	7.2	271.237	16.469	7.7	10.	28.	57.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	11	1.8	1.727	2.3	1.1	0.144	0.38	1.14	1.4	2.1	2.28
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	11	3.	3.409	11.	0.25	11.178	3.343	0.25	0.5	5.5	10.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	11	176.81	174.074	446.08	59.78	13527.172	116.306	62.176	72.27	225.87	412.064
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	11	388.	390.727	844.	198.	35572.218	188.606	202.4	238.	472.	784.4

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Annual Analysis for 1996 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	8	9.9	9.784	18.	4.7	22.614	4.755	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	8	807.5	946.	1549.	581.	124580.	352.959	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	8	904.	1009.	1536.	599.	115013.143	339.136	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	8	2.	3.125	6.	1.	3.554	1.885	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	8	188.5	209.75	308.	150.	3283.357	57.301	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	8	230.	255.875	376.	183.	4883.554	69.882	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	8	26.8	25.75	45.	8.	204.237	14.291	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	8 ##	0.038	0.043	0.071	0.025	0.	0.02	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	8	0.02	0.023	0.04	0.01	0.	0.009	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	8	101.4	107.313	162.	72.	899.421	29.99	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	8	38.9	40.688	60.4	23.	199.71	14.132	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	8	46.75	52.287	88.6	19.	699.504	26.448	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	8	2.135	2.163	2.9	1.4	0.349	0.591	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	8	6.	5.594	10.5	0.25	14.285	3.779	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	8	292.65	344.4	582.3	186.8	22970.163	151.559	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	8	645.	747.	1286.	394.	100936.	317.704	**	**	**	**

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Annual Analysis for 1999 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	3	558.	665.	885.	552.	36309.	190.549	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	3	0.032	0.028	0.032	0.021	0.	0.006	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	3	392.	409.333	650.	186.	54049.333	232.485	**	**	**	**

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/99	44	6.05	6.95	22.8	0.	47.915	6.922	0.2	0.325	11.275	17.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/30/78-12/16/99	35	15.	17.494	63.	0.8	202.891	14.244	2.34	6.	24.	37.26
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	54	20.	41.417	600.	3.	6947.917	83.354	5.8	12.	40.25	88.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	54	765.	1004.537	9727.	207.	1627221.31	1275.626	403.5	551.	1097.75	1526.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	56	790.	866.607	2089.	390.	152827.043	390.931	431.1	584.	1083.75	1534.8
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-06/12/96	37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	04/11/78-12/16/99	53	10.2	10.045	13.4	7.	2.775	1.666	7.7	8.75	11.35	12.26
00335	COD, .025N K2CR2O7 MG/L	08/30/78-06/26/90	41	11.	13.829	44.	5.	79.02	8.889	5.	7.	19.	26.6
00400	PH (STANDARD UNITS)	08/30/78-06/12/96	33	8.	8.013	8.7	7.5	0.055	0.235	7.8	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	08/30/78-06/12/96	33	8.	7.956	8.7	7.5	0.059	0.242	7.8	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/78-06/12/96	33	0.01	0.011	0.032	0.002	0.	0.006	0.005	0.006	0.013	0.016
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	56	3.	3.464	9.	1.	4.108	2.027	1.	2.	5.	7.
00406	PH, FIELD, STANDARD UNITS SU	04/11/78-12/16/99	52	8.	8.044	9.1	7.	0.135	0.368	7.63	7.8	8.3	8.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/11/78-12/16/99	52	8.	7.88	9.1	7.	0.163	0.403	7.63	7.8	8.3	8.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-12/16/99	52	0.01	0.013	0.1	0.001	0.	0.016	0.003	0.005	0.016	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	56	161.5	168.732	342.	98.	2709.509	52.053	102.1	133.	200.	242.2
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	56	197.	205.625	417.	120.	4013.366	63.351	124.8	162.	243.75	295.1
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	38	0.	0.211	8.	0.	1.684	1.298	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	53	44.	106.792	1490.	0.	49392.937	222.245	6.6	16.5	95.5	214.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	56 ##	0.05	0.056	0.2	0.025	0.001	0.037	0.025	0.025	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/06/79-04/07/88	21 ##	0.005	0.011	0.025	0.005	0.	0.009	0.005	0.005	0.023	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/78-04/07/88	22	0.33	0.45	1.55	0.04	0.138	0.371	0.112	0.208	0.545	1.123
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/78-03/30/93	50	0.3	0.337	1.5	0.05	0.056	0.237	0.1	0.2	0.4	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/78-11/05/91	20	0.39	0.504	1.55	0.094	0.138	0.372	0.118	0.263	0.638	1.141
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	57	0.06	0.074	0.62	0.003	0.008	0.087	0.015	0.025	0.1	0.14
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/78-06/26/90	39	4.4	8.118	46.4	0.5	118.812	10.9	1.8	3.2	7.2	14.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	54	353.35	408.376	857.	159.	34924.98	186.882	196.	266.25	533.175	728.85
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	56	90.5	101.357	200.	44.	1901.106	43.602	50.4	67.	134.5	173.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	56	31.	36.398	87.	12.	368.662	19.201	15.7	22.	46.75	68.
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	55	34.	43.302	180.	2.	991.751	31.492	14.36	22.	61.	81.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	55	2.	2.245	5.	0.5	0.89	0.943	1.	1.8	3.	3.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	55	5.5	6.597	38.	0.25	32.52	5.703	2.	3.	9.	12.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	56	251.905	313.647	910.	101.	36689.279	191.544	111.4	175.	417.5	647.762
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/78-04/22/92	45 ##	0.25	0.717	5.	0.25	1.01	1.005	0.25	0.25	0.5	2.5
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-06/30/99	12	336.	370.25	833.	235.	23599.114	153.62	247.6	297.5	374.25	706.1
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-06/30/99	12	143.5	158.75	323.	111.	3272.023	57.202	112.2	119.5	170.75	281.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	59	546.	635.186	1722.	172.	114764.706	338.769	272.	388.	834.	1212.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/06/79-04/07/88	21	0.04	0.079	0.62	0.003	0.018	0.134	0.005	0.01	0.11	0.154
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	46 ##	1.	1.122	5.	0.25	0.973	0.986	0.25	0.5	1.625	2.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	46	0.061	0.057	0.11	0.025	0.001	0.028	0.025	0.025	0.081	0.09
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	46 ##	0.5	0.511	1.	0.5	0.005	0.074	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	46 ##	2.5	5.207	113.	2.5	265.073	16.281	2.5	2.5	2.5	5.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	46 ##	10.	9.152	20.	5.	10.621	3.259	5.	5.	10.	11.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	46	0.475	0.772	7.1	0.14	1.097	1.047	0.245	0.33	0.783	1.357
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	46 ##	2.5	2.913	8.	2.5	1.326	1.151	2.5	2.5	2.5	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	46	80.	103.348	740.	5.	12556.765	112.057	43.5	46.5	113.75	166.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	46 ##	0.1	0.097	0.5	0.05	0.007	0.083	0.05	0.05	0.1	0.165
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	46 ##	1.	1.207	5.	1.	0.718	0.847	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	46	10.	35.717	845.	2.5	15225.418	123.391	5.	10.	20.	50.

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/99	36	10.	9.882	23.14	0.8	22.649	4.759	1.49	8.	13.35	14.56
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/30/78-12/16/99	31	12.	27.258	211.	0.2	1971.881	44.406	0.96	4.3	21.	86.44

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	37	93.	259.603	1000.	4.7	121491.39	348.556	7.5	11.8	337.5	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	37	708.	820.027	2450.	103.	234861.027	484.625	403.2	496.5	912.5	1651.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	38	764.	895.421	2485.	85.	254584.358	504.564	426.7	508.75	1095.75	1722.5
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-06/12/96	27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	04/11/78-12/16/99	37	9.2	9.161	12.2	6.6	2.022	1.422	7.5	7.9	10.15	11.54
00335	COD, .025N K2CR2O7 MG/L	08/30/78-06/26/90	23	15.	16.957	36.	5.	96.043	9.8	5.	7.	24.	34.6
00400	PH (STANDARD UNITS)	08/30/78-06/12/96	25	8.02	8.058	8.47	7.7	0.039	0.198	7.8	7.905	8.215	8.3
00400	CONVERTED PH (STANDARD UNITS)	08/30/78-06/12/96	25	8.02	8.016	8.47	7.7	0.041	0.203	7.8	7.905	8.215	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/78-06/12/96	25	0.01	0.01	0.02	0.003	0.	0.004	0.005	0.006	0.012	0.016
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	37	2.	4.189	49.	1.	59.769	7.731	1.	2.	4.	5.2
00406	PH, FIELD, STANDARD UNITS SU	04/11/78-12/16/99	36	8.2	8.169	9.2	7.5	0.107	0.327	7.77	7.925	8.33	8.481
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/11/78-12/16/99	36	8.2	8.065	9.2	7.5	0.118	0.344	7.77	7.925	8.33	8.481
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-12/16/99	36	0.006	0.009	0.032	0.001	0.	0.006	0.003	0.005	0.012	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	37	159.	171.243	305.	32.	3039.8	55.134	108.6	140.	200.	264.2
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	37	194.	203.676	329.	39.	3768.836	61.391	132.4	170.5	237.	305.8
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	38	145.5	945.895	9999.	11.6	4740324.533	2177.229	13.	30.6	717.5	2287.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	38 ##	0.05	0.056	0.2	0.025	0.001	0.035	0.025	0.025	0.07	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/06/79-04/07/88	13 ##	0.005	0.011	0.025	0.005	0.	0.008	0.005	0.005	0.018	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/78-04/07/88	13	0.3	0.389	1.25	0.15	0.09	0.299	0.154	0.235	0.41	1.042
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/78-03/30/93	29	0.6	1.267	7.4	0.2	3.206	1.79	0.2	0.3	0.9	4.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/78-11/05/91	8	0.325	0.439	1.25	0.16	0.132	0.363	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	38	0.203	0.685	6.45	0.01	1.971	1.404	0.02	0.034	0.493	2.306
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/78-06/26/90	22	6.25	14.164	51.4	0.5	254.105	15.941	3.1	3.975	20.25	47.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	36	355.85	404.061	1026.4	42.3	48864.517	221.053	190.31	240.75	510.275	808.24
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	37	90.	101.311	230.	12.	2639.671	51.378	50.8	65.5	123.	192.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	37	31.	36.111	110.	3.	514.582	22.684	15.6	18.	47.25	78.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	37	37.	55.424	240.	1.	2787.299	52.795	11.8	18.5	73.8	126.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	37	2.43	2.624	5.9	0.5	1.066	1.032	1.68	2.	3.	4.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	37	5.	7.105	30.	0.5	39.273	6.267	1.	3.	9.5	15.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	37	250.	339.091	1300.	12.	76586.509	276.743	102.136	166.905	413.04	788.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/78-04/22/92	27 ##	0.25	1.461	10.	0.25	6.596	2.568	0.25	0.25	1.2	5.8
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-06/30/99	13	406.	426.231	799.	170.	36241.359	190.372	184.	275.	534.	772.2
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-06/30/99	13	178.	188.615	332.	85.	5816.756	76.268	87.4	134.5	238.	321.6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	37	522.	681.811	2232.	102.	211211.769	459.578	285.2	370.	856.	1410.8
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/06/79-04/07/88	13	0.08	0.156	0.75	0.003	0.045	0.213	0.004	0.008	0.27	0.582
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	27	2.	2.778	16.	0.25	10.684	3.269	0.5	0.55	3.	7.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	27	0.058	0.065	0.3	0.025	0.003	0.057	0.025	0.025	0.08	0.122
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	27 ##	0.5	0.796	3.	0.5	0.505	0.711	0.5	0.5	0.5	2.2
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	27 ##	2.5	4.833	35.	2.5	41.115	6.412	2.5	2.5	5.	8.6
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	27 ##	10.	12.074	39.	5.	59.379	7.706	5.	10.	10.	22.6
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	27	1.2	2.856	24.	0.04	24.78	4.978	0.324	0.47	2.3	10.1
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	27 ##	2.5	5.296	20.	2.5	25.351	5.035	2.5	2.5	7.	15.6
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	27	150.	464.481	2370.	20.	421535.028	649.257	63.8	100.	500.	1674.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	27 ##	0.05	0.076	0.26	0.05	0.002	0.044	0.05	0.05	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	27 ##	1.	1.185	5.	0.5	0.676	0.822	1.	1.	1.	1.3
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	27	25.	28.056	115.	2.5	748.949	27.367	5.	10.	32.	72.

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Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/99	33	19.4	19.561	27.6	11.6	19.191	4.381	13.64	16.1	23.4	25.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/30/78-12/16/99	28	7.45	37.357	250.	0.	3907.162	62.507	0.48	1.35	47.	136.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/78-06/12/96	31	35.	57.335	222.	1.1	3738.585	61.144	5.396	12.	77.	158.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/11/78-12/16/99	31	756.	831.194	2090.	292.	225167.028	474.518	336.8	441.	1030.	1589.8

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-06/12/96	32	742.5	857.188	2220.	298.	245471.706	495.451	341.	430.5	1236.5	1642.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-06/12/96	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	04/11/78-12/16/99	30	8.4	8.577	11.	7.	1.129	1.063	7.31	7.65	9.55	10.09
00335	COD, .025N K2CR2O7 MG/L	08/30/78-06/26/90	22	16.	15.182	29.	5.	57.489	7.582	7.	7.	20.5	28.1
00400	PH (STANDARD UNITS)	08/30/78-06/12/96	19	8.	8.006	8.3	7.6	0.029	0.171	7.7	7.9	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	08/30/78-06/12/96	19	8.	7.971	8.3	7.6	0.03	0.175	7.7	7.9	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/78-06/12/96	19	0.01	0.011	0.025	0.005	0.	0.005	0.006	0.008	0.013	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-06/12/96	32	2.5	2.688	8.	1.	2.544	1.595	1.	1.	4.	4.7
00406	PH, FIELD, STANDARD UNITS SU	04/11/78-12/16/99	31	8.	8.01	8.7	6.4	0.18	0.425	7.5	7.9	8.1	8.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/11/78-12/16/99	31	8.	7.629	8.7	6.4	0.33	0.574	7.5	7.9	8.1	8.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-12/16/99	31	0.01	0.023	0.398	0.002	0.005	0.07	0.003	0.008	0.013	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	31	140.	162.742	308.	86.	4632.931	68.066	94.2	111.	194.	299.6
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-06/12/96	31	171.	198.419	376.	105.	6892.185	83.019	114.6	135.	232.	365.8
00445	CARBONATE ION (MG/L AS CO3)	10/30/79-06/12/96	21	0.	0.095	2.	0.	0.19	0.436	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/78-06/12/96	29	62.	153.724	1050.	0.	60911.85	246.803	6.	26.5	141.5	676.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/78-06/12/96	29 ##	0.05	0.058	0.173	0.025	0.001	0.033	0.025	0.025	0.075	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/06/79-04/07/88	10 ##	0.005	0.011	0.025	0.005	0.	0.009	0.005	0.005	0.021	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/78-04/07/88	11	0.32	0.562	1.38	0.15	0.188	0.433	0.156	0.18	1.	1.334
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/78-03/30/93	25	0.5	0.595	1.2	0.2	0.096	0.31	0.2	0.4	0.8	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/78-11/05/91	6	0.545	0.638	1.2	0.24	0.152	0.39	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-12/16/99	32	0.067	0.157	0.75	0.003	0.041	0.202	0.013	0.025	0.17	0.557
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/78-06/26/90	22	5.95	9.277	38.7	3.2	72.419	8.51	4.39	5.3	8.925	24.39
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/78-06/12/96	31	330.	374.313	1051.	131.8	47384.35	217.679	157.16	192.	530.	700.56
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/78-06/12/96	31	77.	92.161	242.	37.	2478.473	49.784	40.	50.	130.	166.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/78-06/12/96	31	29.	35.065	109.	9.6	525.14	22.916	13.	17.	46.	69.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/78-06/12/96	31	43.	56.984	215.	7.2	2227.296	47.194	10.4	19.	88.6	124.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/78-06/12/96	31	2.	2.574	8.	1.	1.755	1.325	1.42	2.	3.	3.98
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/78-06/12/96	31	5.	6.144	18.5	0.25	22.445	4.738	1.	2.	10.	14.1
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/78-06/12/96	31	287.27	323.464	1060.	59.78	59989.01	244.927	74.216	110.	500.	688.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/78-04/22/92	23 ##	1.	2.989	20.	0.25	24.15	4.914	0.25	0.25	4.	11.
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-06/30/99	9	145.	306.667	885.	0.	99241.75	315.027	0.	122.	582.	885.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-06/30/99	9	73.	130.222	374.	0.	15173.194	123.18	0.	57.5	225.	374.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/78-12/16/99	33	548.	643.273	1876.	186.	183694.892	428.596	227.2	280.	892.	1358.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/06/79-04/07/88	10 ##	0.01	0.046	0.15	0.003	0.004	0.061	0.003	0.005	0.118	0.149
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	23	1.5	1.785	8.	0.25	2.574	1.604	0.25	0.7	2.5	2.68
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	22	0.073	0.069	0.25	0.025	0.002	0.048	0.025	0.036	0.079	0.107
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	22 ##	0.5	0.545	1.	0.5	0.022	0.147	0.5	0.5	0.5	0.85
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	22 ##	2.5	3.977	17.	2.5	15.654	3.957	2.5	2.5	2.5	12.1
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	22 ##	10.	9.864	17.	5.	9.457	3.075	5.	10.	10.	15.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/78-04/22/92	22	0.445	1.185	9.5	0.02	4.527	2.128	0.138	0.365	1.05	4.025
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	22 ##	2.5	3.341	15.	2.5	7.581	2.753	2.5	2.5	2.5	5.7
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	23	120.	130.261	430.	15.	7212.111	84.924	42.4	74.	160.	232.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	22 ##	0.1	0.085	0.2	0.01	0.002	0.046	0.05	0.05	0.1	0.17
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/06/79-04/22/92	22 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/78-04/22/92	23 ##	10.	18.391	90.	2.5	560.249	23.67	2.5	5.	15.	63.6

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

Station Inventory for Station: DINO0234

NPS Station ID: DINO0234
LAT/LON: 40.398615/-109.340005
Agency: 112WRD
Date Created: 09/30/89
Location: BURTON CANAL AT 4000 S. DINOSAUR
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402355109202401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 15.10
On/Off RF1:
RF3 Index: 14060002032905.87
RF3 Mile Point: 6.59
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/89-06/28/89	1	522.	522.	522.	522.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/28/89-06/28/89	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/28/89-06/28/89	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/89-06/28/89	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/28/89-06/28/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0234

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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: DINO0235

NPS Station ID: DINO0235
LAT/LON: 40.408615/-109.340281
Agency: 112WRD
Date Created: 01/07/89
Location: BRUSH CREEK NEAR JENSEN, UTAH
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09263500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 13.60
On/Off RF1:
RF3 Index: 14060001025501.05
RF3 Mile Point: 1.11
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/88-06/27/89	2	907.5	907.5	1000.	815.	17112.5	130.815	**	**	**	**
00400	PH (STANDARD UNITS)	07/26/88-06/27/89	2	8.075	8.075	8.1	8.05	0.001	0.035	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/26/88-06/27/89	2	8.074	8.074	8.1	8.05	0.001	0.035	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/88-06/27/89	2	0.008	0.008	0.009	0.008	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/26/88-07/26/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/26/88-07/26/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/88-07/26/88	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/88-07/26/88	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/88-07/26/88	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/88-07/26/88	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/88-07/26/88	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/26/88-07/26/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/26/88-07/26/88	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/88-07/26/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/88-07/26/88	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/27/89-06/27/89	1	8.	8.	8.	8.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/26/88-07/26/88	1	-118.5	-118.5	-118.5	-118.5	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/26/88-07/26/88	1	-15.5	-15.5	-15.5	-15.5	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: DINO0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
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			
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: DINO0236

NPS Station ID: DINO0236 | LAT/LON: 40.408615/-109.340309 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C00843 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_49 /NURE_1155339
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE DINOSAUR QUARRY; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0236

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/78-07/30/78	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/30/78-07/30/78	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/30/78-07/30/78	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/78-07/30/78	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/30/78-07/30/78	1	30.49	30.49	30.49	30.49	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0236

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	1	1.00							1	1	1.00			

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

Station Inventory for Station: DINO0237

NPS Station ID: DINO0237 | LAT/LON: 40.355309/-109.344115 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: GREEN RIVER MILE 301.8 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_USFW_49
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE STATION WAS LOCATED ON THE JENSEN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AT THE GREEN RIVER; MILE 301.8; OUTSIDE OF DINOSAUR NATIONAL MONUMENT (DINO). THE RIVER WAS SAMPLED AS PART OF THE COLORADO FISHERY PROJECT; WHICH INCLUDED A 124 MILE SECTION OF THE YAMPA RIVER AND A 26 MILE SECTION OF THE GREEN RIVER. DATA ARE FROM 1) THE FILES DINO.DBF AND DINO.TXT AND 2) THE 1982 "YAMPA RIVER FISHES STUDY; FINAL REPORT" (U.S. FISH AND WILDLIFE SERVICE; 1311 FEDERAL BUILDING; 125 SOUTH STATE BUILDING; SALT LAKE CITY; UTAH 84138). THE PROJECT LEADER WAS WILLIAM H. MILLER. THE LATITUDE AND LONGITUDE VALUES OF EACH STATION WERE DETERMINED BY TRACING THE RIVER IN THE ATLAS GIS PROGRAM TO THE SPECIFIED RIVER MILE AND ENTERING THE COORDINATES PROVIDED BY THE PROGRAM. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT DINO; 4545 HW 20; DINOSAUR CO 81610 (TEL. 970-374-3000). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WD; 1201 OAK RIDGE DRIVE SUITE 150; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: DINO0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/79-10/05/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/79-10/05/79	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/05/79-10/05/79	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/05/79-10/05/79	1	550.	550.	550.	550.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/79-10/05/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DINO0238

NPS Station ID: DINO0238
LAT/LON: 40.360003/-109.344726
Agency: 112WRD
Date Created: 08/01/87
Location: STEWART LAKE INFLOW J-5
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402136109204101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 7.50
On/Off RF1:
RF3 Index: 14060001016900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/86-08/28/91	3	22.6	22.733	31.	14.6	67.253	8.201	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	06/23/86-08/26/86	2	650.	650.	651.	649.	2.	1.414	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/23/86-08/28/86	3	0.1	0.177	0.4	0.03	0.039	0.197	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/86-08/28/91	2	1548.5	1548.5	1950.	1147.	322404.5	567.807	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/23/86-08/26/86	2	8.4	8.4	12.9	3.9	40.5	6.364	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/86-08/28/91	3	7.62	7.773	8.3	7.4	0.22	0.469	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/23/86-08/28/91	3	7.62	7.639	8.3	7.4	0.247	0.497	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/86-08/28/91	3	0.024	0.023	0.04	0.005	0.	0.017	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/91-08/28/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/91-08/28/91	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/23/86-08/26/86	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/23/86-08/26/86	2	150.	150.	200.	100.	5000.	70.711	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/23/86-08/26/86	2	260.	260.	310.	210.	5000.	70.711	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/23/86-08/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/23/86-08/26/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/23/86-08/26/86	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/23/86-08/26/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/23/86-08/26/86	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/23/86-08/26/86	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/23/86-08/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	06/23/86-08/26/86	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/23/86-08/26/86	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/23/86-08/28/91	3	2.	2.333	4.	1.	2.333	1.528	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	2	11.15	11.15	15.	7.3	29.645	5.445	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/23/86-08/26/86	2 ##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	06/23/86-08/26/86	2	7.15	7.15	9.3	5.	9.245	3.041	**	**	**	**
39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/23/86-08/26/86	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	06/23/86-08/26/86	2	8.5	8.5	9.5	7.5	2.	1.414	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	06/23/86-08/26/86	2 ##	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	2	7.75	7.75	10.	5.5	10.125	3.182	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	08/26/86-08/26/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/28/86-08/28/86	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: DINO0238

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50							2	1	0.50			
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			
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.	1	0	0.00							1	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	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00							2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	15.	2	0	0.00							2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			

& - 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: DINO0238

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
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.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	2	0	0.00							2	0	0.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
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			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	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	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	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	1	0	0.00							1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	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	2	0	0.00							2	0	0.00			
		Drinking Water	2.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: DINO0239

NPS Station ID: DINO0239
LAT/LON: 40.360003/-109.344726
Agency: 112WRD
Date Created: 09/03/88
Location: J1 DRAIN TO STEWART LAKE NEAR JENSEN
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402136109204103
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 14060001044100.00
RF3 Mile Point: 2.33
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	25	11.5	11.188	14.6	7.5	5.17	2.274	8.	9.	13.25	13.96
00025	BAROMETRIC PRESSURE (MM OF HG)	07/27/88-07/27/88	2	650.	650.	650.	650.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/23/95-09/23/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/21/93-04/21/93	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/26/89-08/20/96	14	0.8	1.099	3.	0.04	0.866	0.931	0.045	0.35	2.	2.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	27	2430.	2268.519	2875.	1410.	185028.49	430.149	1442.	2000.	2580.	2660.
00300	OXYGEN, DISSOLVED MG/L	04/05/88-07/27/88	3	8.	8.667	10.	8.	1.333	1.155	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	27	7.2	7.302	8.	6.9	0.074	0.272	7.1	7.12	7.4	7.76
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	27	7.2	7.239	8.	6.9	0.078	0.28	7.1	7.12	7.4	7.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	27	0.063	0.058	0.126	0.01	0.001	0.026	0.018	0.04	0.076	0.079
00403	PH, LAB, STANDARD UNITS SU	04/05/88-05/16/96	12	7.55	7.617	8.	7.3	0.052	0.229	7.33	7.425	7.875	7.97
00403	CONVERTED PH, LAB, STANDARD UNITS	04/05/88-05/16/96	12	7.547	7.566	8.	7.3	0.055	0.235	7.33	7.425	7.875	7.97
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-05/16/96	12	0.028	0.027	0.05	0.01	0.	0.013	0.011	0.013	0.038	0.047
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/91-08/28/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/91-08/28/91	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-03/22/89	3	190.	200.	240.	170.	1300.	36.056	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-03/22/89	3	75.	76.333	89.	65.	145.333	12.055	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-03/22/89	3	110.	117.333	150.	92.	881.333	29.687	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-03/22/89	3	3.5	3.867	4.9	3.2	0.823	0.907	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-03/22/89	3	11.	13.667	19.	11.	21.333	4.619	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-03/22/89	3	680.	720.	920.	560.	33600.	183.303	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-03/22/89	3	0.5	0.467	0.5	0.4	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-03/22/89	3	13.	13.667	15.	13.	1.333	1.155	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/05/88-04/05/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/05/88-04/05/88	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/05/88-04/16/96	9	600.	464.444	750.	30.	76252.778	276.139	30.	205.	710.	750.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/05/88-04/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/05/88-04/05/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/05/88-04/05/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/05/88-04/05/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/05/88-04/05/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/05/88-04/05/88	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/05/88-04/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	04/05/88-04/05/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/05/88-04/16/96	9 ##	5.	4.611	5.	1.5	1.361	1.167	1.5	5.	5.	5.
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	07/27/88-07/27/88	1	93.	93.	93.	93.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	04/05/88-10/25/95	5	42.	37.4	46.	17.	142.3	11.929	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/25/93-05/16/96	9	2170.	1900.444	2240.	984.	268306.778	517.983	984.	1490.	2200.	2240.

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

Parameter Inventory for Station: DINO0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71890	MERCURY, DISSOLVED (UG/L AS HG)	04/05/88-04/05/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	08/17/94-10/25/95	4	2.85	3.45	5.5	2.6	1.883	1.372	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/27/88-07/27/88	2	-116.75	-116.75	-116.	-117.5	1.125	1.061	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/27/88-07/27/88	2	-15.35	-15.35	-15.3	-15.4	0.005	0.071	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0239

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00				1	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	27	0	0.00	4	0	0.00	10	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	27	0	0.00	4	0	0.00	10	0	0.00	13	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	12	0	0.00	3	0	0.00	7	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	3	0	0.00	7	0	0.00	2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
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.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	3	1.00	1	1	1.00	2	2	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	1	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.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			
		Drinking Water	5000.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			
07000	TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	5	4	0.80	2	2	1.00	1	0	0.00	2	2	1.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	4	14.	13.9	14.6	13.	0.607	0.779	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	4	2277.5	2263.75	2500.	2000.	57422.917	239.631	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	4	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	4	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	4	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	9	8.5	8.611	9.5	7.5	0.486	0.697	7.5	8.	9.25	9.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	10	2090.	2060.5	2875.	1410.	376435.833	613.544	1410.	1440.	2660.	2853.5
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	10	7.6	7.54	8.	7.1	0.1	0.317	7.11	7.2	7.775	8.
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	10	7.6	7.443	8.	7.1	0.111	0.333	7.11	7.2	7.775	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	10	0.025	0.036	0.079	0.01	0.001	0.024	0.01	0.017	0.063	0.078

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	12	12.5	12.217	13.6	10.	1.5	1.225	10.15	11.125	13.375	13.57
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	13	2450.	2430.	2640.	1950.	39895.833	199.739	2042.	2325.	2602.5	2634.
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	13	7.2	7.151	7.3	6.9	0.01	0.099	6.98	7.1	7.2	7.276
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	13	7.2	7.14	7.3	6.9	0.01	0.099	6.98	7.1	7.2	7.276
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	13	0.063	0.073	0.126	0.05	0.	0.019	0.053	0.063	0.079	0.107

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

Station Inventory for Station: DINO0240

NPS Station ID: DINO0240
LAT/LON: 40.360003/-109.344726
Agency: 112WRD
Date Created: 08/01/87
Location: STEWART LAKE J1 AND J1A DRAINS
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402136109204102
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 14060001000801.43
RF3 Mile Point: 3.90
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/86-10/23/91	5	14.	13.72	14.6	13.	0.492	0.701	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	06/23/86-08/26/86	2	650.	650.	651.	649.	2.	1.414	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/23/86-10/25/89	12	2.5	2.275	4.	0.3	1.18	1.086	0.51	1.25	3.	3.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/86-10/23/91	3	2250.	2266.667	2300.	2250.	833.333	28.868	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/23/86-08/26/86	2	5.45	5.45	6.5	4.4	2.205	1.485	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/86-10/24/88	4	7.15	7.025	7.2	6.6	0.083	0.287	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/23/86-10/24/88	4	7.147	6.942	7.2	6.6	0.092	0.303	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/86-10/24/88	4	0.071	0.114	0.251	0.063	0.008	0.092	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/21/91-08/21/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/91-08/21/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/91-08/21/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/23/86-08/26/86	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/86-08/26/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/23/86-08/11/87	3	520.	520.	590.	450.	4900.	70.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/23/86-08/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/23/86-08/26/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/23/86-08/26/86	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/23/86-08/26/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/23/86-08/26/86	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/23/86-08/26/86	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/23/86-08/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	06/23/86-08/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/23/86-08/11/87	4	10.	11.25	20.	5.	39.583	6.292	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/23/86-08/11/87	4	29.	26.5	34.	14.	77.667	8.813	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	2	23.5	23.5	33.	14.	180.5	13.435	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	2 ##	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/23/86-08/26/86	2 ##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	06/23/86-08/26/86	2	36.	36.	42.	30.	72.	8.485	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/28/86-08/28/86	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

Parameter Inventory for Station: DINO0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/86-08/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/26/86-08/26/86	1 ##	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/91-08/21/91	1	2090.	2090.	2090.	2090.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/23/86-08/26/86	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	06/23/86-08/26/86	2	21.5	21.5	27.	16.	60.5	7.778	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	06/23/86-08/26/86	2 ##	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	2	14.8	14.8	21.	8.6	76.88	8.768	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	2 ##	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/28/86-08/28/86	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: DINO0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00				3	0	0.00			
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			
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.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00							2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	15.	2	0	0.00							2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00				1	0	0.00	3	0	0.00			
		Drinking Water	5000.	4	0	0.00				1	0	0.00	3	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	3	0.75				1	0	0.00	3	3	1.00			
		Drinking Water	50.	4	0	0.00				1	0	0.00	3	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	2	2	1.00							2	2	1.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
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			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	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	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	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	1	0	0.00							1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	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	2	0	0.00							2	0	0.00			
		Drinking Water	2.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: DINO0241

NPS Station ID: DINO0241
LAT/LON: 40.360003/-109.344726
Agency: 112WRD
Date Created: 09/03/88
Location: J1A DRAIN TO STEWART LAKE NEAR JENSEN
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 402136109204104
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 14060001000801.43
RF3 Mile Point: 3.90
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	24	11.75	11.792	16.5	7.5	8.389	2.896	8.25	8.625	14.375	15.75
00055	VELOCITY, STREAM FT/SEC	09/23/95-09/23/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/21/93-04/21/93	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/26/89-08/20/96	14	0.4	0.665	3.	0.05	0.555	0.745	0.055	0.25	0.925	2.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	25	1330.	1362.24	1730.	1125.	24711.023	157.197	1174.	1220.	1490.	1594.
00300	OXYGEN, DISSOLVED MG/L	04/05/88-07/27/88	2	2.95	2.95	4.	1.9	2.205	1.485	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	23	7.2	7.18	7.4	6.9	0.014	0.119	7.04	7.1	7.2	7.4
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	23	7.2	7.165	7.4	6.9	0.015	0.12	7.04	7.1	7.2	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	23	0.063	0.068	0.126	0.04	0.	0.019	0.04	0.063	0.079	0.092
00403	PH, LAB, STANDARD UNITS SU	04/05/88-05/16/96	12	7.5	7.483	7.7	7.3	0.012	0.111	7.33	7.4	7.575	7.67
00403	CONVERTED PH, LAB, STANDARD UNITS	04/05/88-05/16/96	12	7.5	7.471	7.7	7.3	0.013	0.112	7.33	7.4	7.575	7.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-05/16/96	12	0.032	0.034	0.05	0.02	0.	0.008	0.022	0.027	0.04	0.047
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-09/27/89	4	135.	132.5	140.	120.	91.667	9.574	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-09/27/89	4	56.5	57.	63.	52.	28.667	5.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-09/27/89	4	82.5	81.5	100.	61.	395.	19.875	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-09/27/89	4	3.3	3.35	3.7	3.1	0.063	0.252	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-09/27/89	4	8.5	8.5	11.	6.	4.333	2.082	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-09/27/89	4	395.	392.5	460.	320.	5291.667	72.744	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-09/27/89	4	0.6	0.575	0.6	0.5	0.002	0.05	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-09/27/89	4	16.5	16.5	17.	16.	0.333	0.577	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/05/88-04/05/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/05/88-04/05/88	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/05/88-04/16/96	8	195.	182.5	240.	20.	4621.429	67.981	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/05/88-04/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/05/88-04/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/05/88-04/05/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/05/88-04/05/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/05/88-04/05/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/05/88-04/05/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/05/88-04/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	04/05/88-04/05/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/05/88-04/16/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/05/88-03/26/96	13	7.	7.038	10.	0.5	7.769	2.787	1.9	5.5	9.5	10.
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	07/27/88-07/27/88	1	72.	72.	72.	72.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	04/05/88-10/25/95	5	12.	12.	13.	11.	0.5	0.707	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/21/93-05/16/96	8	1014.	1059.75	1290.	910.	21959.357	148.187	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	04/05/88-04/05/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	08/25/93-10/25/95	4	0.8	1.	1.7	0.7	0.22	0.469	**	**	**	**

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

Parameter Inventory for Station: DINO0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/27/88-07/27/88	1	-115.5	-115.5	-115.5	-115.5	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/27/88-07/27/88	1	-15.2	-15.2	-15.2	-15.2	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: DINO0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	2	1.00				1	1	1.00	1	1	1.00			
00400	PH	Fresh Chronic	9.	23	0	0.00	4	0	0.00	8	0	0.00	11	0	0.00			
		Other-Lo Lim.	6.5	23	0	0.00	4	0	0.00	8	0	0.00	11	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00	6	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	4	1.00	2	2	1.00	2	2	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	5000.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	50.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
07000	TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	5	0	0.00	2	0	0.00	1	0	0.00	2	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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	5	15.	15.	16.5	13.5	1.625	1.275	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	5	1180.	1206.	1310.	1125.	5417.5	73.604	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	4	7.15	7.15	7.2	7.1	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	4	7.147	7.147	7.2	7.1	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	4	0.071	0.071	0.079	0.063	0.	0.009	**	**	**	**

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	9	8.5	8.667	10.	7.5	0.563	0.75	7.5	8.25	9.25	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	9	1500.	1501.111	1730.	1320.	19161.111	138.424	1320.	1380.	1610.	1730.
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	8	7.25	7.275	7.4	7.1	0.014	0.116	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	8	7.247	7.261	7.4	7.1	0.014	0.117	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	8	0.057	0.055	0.079	0.04	0.	0.015	**	**	**	**

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	10	13.	13.	15.5	10.5	3.111	1.764	10.55	11.	14.625	15.45
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	11	1320.	1319.636	1504.	1200.	10251.855	101.251	1204.	1220.	1380.	1495.2
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	11	7.15	7.123	7.2	6.9	0.01	0.098	6.92	7.1	7.2	7.2
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	11	7.15	7.112	7.2	6.9	0.01	0.099	6.92	7.1	7.2	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	11	0.071	0.077	0.126	0.063	0.	0.02	0.063	0.063	0.079	0.121

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

Station Inventory for Station: DINO0242

NPS Station ID: DINO0242
LAT/LON: 40.363337/-109.345003
Agency: 112WRD
Date Created: 09/30/89
Location: J1-SEEP JENSEN
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402148109204201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 2.10
On/Off RF1:
RF3 Index: 14060002015300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.38
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/88-11/30/88	1	1010.	1010.	1010.	1010.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/88-11/30/88	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/88-11/30/88	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/88-11/30/88	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/30/88-11/30/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/30/88-11/30/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/88-11/30/88	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/30/88-11/30/88	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/30/88-11/30/88	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/30/88-11/30/88	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/30/88-11/30/88	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/88-11/30/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/88-11/30/88	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/30/88-11/30/88	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/88-11/30/88	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/30/88-11/30/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									
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: DINO0243

NPS Station ID: DINO0243
LAT/LON: 40.359167/-109.345000
Agency: 21UTAH
Date Created: 06/19/82
Location: J1-J1A DRAIN INFLOW TO STEWART L WMA
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493723
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001008
RF1 Mile Point: 2.070
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14060001000801.43
RF3 Mile Point: 3.90
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/81-10/28/92	38	12.	11.424	29.	1.	18.046	4.248	6.5	9.	13.7	14.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/81-10/28/92	44	0.9	1.092	3.6	0.1	0.873	0.934	0.25	0.4	1.325	2.85
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	35	0.7	1.961	21.	0.2	14.222	3.771	0.3	0.4	1.8	4.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/28/92	8	2250.	2245.	2600.	1860.	39200.	197.99	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	35	2305.	2336.857	3515.	1100.	147136.891	383.584	2008.	2185.	2530.	2644.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	10/28/92-10/28/92	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/11/81-04/17/81	2	17.	17.	19.	15.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	03/25/87-03/25/87	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/25/87-03/25/87	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/87-03/25/87	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	35	13.	12.971	27.	4.	27.852	5.278	6.6	8.	17.	21.
00406	PH, FIELD, STANDARD UNITS SU	10/28/92-10/28/92	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/28/92-10/28/92	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/92-10/28/92	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	35	351.	344.314	402.	253.	1084.869	32.937	278.	335.	361.	376.2
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	35	428.	411.314	490.	130.	4014.634	63.361	326.	400.	440.	459.
00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	33	0.	3.788	52.	0.	125.797	11.216	0.	0.	0.	13.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	36 ##	0.025	0.043	0.1	0.025	0.001	0.025	0.025	0.025	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	36 ##	0.005	0.011	0.05	0.005	0.	0.01	0.005	0.005	0.01	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	36	4.3	4.032	5.35	0.14	1.317	1.148	2.704	3.34	4.988	5.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	36	0.4	0.458	1.	0.1	0.044	0.21	0.27	0.3	0.5	0.83
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/11/81-10/25/83	12	4.45	4.443	5.35	3.3	0.392	0.626	3.411	4.013	4.95	5.335
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	34	0.02	0.029	0.1	0.005	0.	0.022	0.01	0.01	0.05	0.055
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/81-04/17/81	2	6.75	6.75	6.9	6.6	0.045	0.212	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	35	1040.	1055.986	1360.	518.	22958.713	151.521	911.	1000.	1150.	1260.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	35	248.	260.943	744.	121.	8391.408	91.605	211.6	230.	272.	294.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	35	106.	106.8	139.	52.	282.459	16.807	88.4	96.	122.	128.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-10/23/91	36	208.5	205.	355.	30.	3765.543	61.364	131.	173.5	229.	279.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	35	6.	6.371	15.	2.	5.358	2.315	4.	5.	7.	9.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	35	34.	36.314	70.	12.	165.692	12.872	23.2	28.	43.	60.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	35	1005.	1030.314	1441.	392.	43085.692	207.571	836.8	908.	1200.	1307.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/81-07/13/82	4	0.525	0.633	1.	0.48	0.061	0.246	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/81-03/28/84	4 ##	7.5	7.75	16.	0.	80.25	8.958	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/11/81-05/28/92	3	530.	413.333	650.	60.	97233.333	311.823	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/11/81-04/17/81	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/23/91-05/28/92	2	25.	25.	30.	20.	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: DINO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-10/28/92	50 ##	0.375	5.101	30.	0.25	90.984	9.539	0.25	0.25	1.1	25.
61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/23/91-09/17/92	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/23/91-09/17/92	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	32	1976.	1985.75	2820.	814.	130837.871	361.715	1718.8	1813.5	2160.	2465.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	36	0.01	0.017	0.1	0.003	0.	0.019	0.005	0.005	0.02	0.043
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	0.375	0.604	2.5	0.25	0.322	0.568	0.25	0.25	0.663	1.65
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	36 ##	0.025	0.027	0.1	0.024	0.	0.013	0.025	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	0.5	0.583	2.	0.5	0.121	0.348	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	2.5	2.681	9.	2.5	1.174	1.083	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	5.	10.361	35.	5.	76.694	8.758	5.	5.	10.	28.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	35	0.04	0.059	0.33	0.01	0.004	0.062	0.015	0.015	0.08	0.138
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	2.5	3.125	8.	2.5	1.877	1.37	2.5	2.5	2.5	5.3
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36	40.	47.583	185.	5.	2134.707	46.203	5.	6.25	68.75	122.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	0.05	0.068	0.2	0.05	0.002	0.043	0.05	0.05	0.05	0.13
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-07/13/83	19 ##	5.	9.789	30.	5.	51.287	7.161	5.	5.	15.	23.
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36	10.	17.139	45.	2.5	183.98	13.564	2.5	5.	25.	45.
82725	BORON, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/29/92-10/28/92	3	460.	456.667	540.	370.	7233.333	85.049	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0243

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------6/01-8/31---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	35	0	0.00	14	0	0.00	12	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	35	0	0.00	14	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	250.	35	0	0.00	14	0	0.00	12	0	0.00	9	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	35	35	1.00	14	14	1.00	12	12	1.00	9	9	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00				3	0	0.00	1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00				2	0	0.00						
		Drinking Water	100.	2	0	0.00				2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	2	1.00	1	1	1.00	1	1	1.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	50	7	0.14	22	6	0.27	18	0	0.00	10	1	0.10			
		Drinking Water	50.	50	0	0.00	22	0	0.00	18	0	0.00	10	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	50.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	5.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	36	5	0.14	15	2	0.13	12	2	0.17	9	1	0.11			
		Drinking Water	1300.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	15.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	2.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	19	0	0.00	7	0	0.00	7	0	0.00	5	0	0.00			
		Drinking Water	100.	19	0	0.00	7	0	0.00	7	0	0.00	5	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	100.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: DINO0243

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
	Drinking Water	5000.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/81-10/28/92	21	13.	12.41	16.	7.	5.102	2.259	7.6	11.5	14.	14.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/81-10/28/92	23	1.	0.924	1.9	0.1	0.197	0.444	0.4	0.5	1.1	1.65
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	14	0.5	0.614	1.3	0.2	0.112	0.335	0.25	0.3	1.	1.15
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	14	2212.5	2217.5	2440.	1885.	18999.038	137.837	1987.5	2158.75	2282.5	2435.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	14	13.5	13.571	21.	6.	24.11	4.91	6.5	10.25	18.	21.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	14	347.	344.429	382.	269.	723.341	26.895	298.5	333.25	362.	374.5
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	14	423.	420.	466.	328.	1081.231	32.882	364.	406.	441.5	457.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	14	0.	0.214	3.	0.	0.643	0.802	0.	0.	0.	1.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	15 ##	0.025	0.037	0.1	0.025	0.	0.021	0.025	0.025	0.05	0.07
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	15 ##	0.005	0.011	0.05	0.005	0.	0.013	0.005	0.005	0.01	0.035
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	15	4.65	4.31	5.35	2.69	0.952	0.976	2.816	3.08	5.1	5.35
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	15	0.4	0.413	0.7	0.1	0.024	0.155	0.16	0.4	0.5	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	15	0.03	0.032	0.06	0.005	0.	0.018	0.008	0.01	0.05	0.054
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	14	1015.	1016.214	1126.	890.	3436.643	58.623	907.5	1000.	1046.5	1103.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	14	242.	243.143	272.	208.	364.747	19.098	212.	231.5	262.5	270.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	14	102.	99.071	109.	86.	45.61	6.754	88.	93.5	103.5	108.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-10/23/91	15	184.	182.8	249.	30.	2449.886	49.496	111.	165.	212.	237.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	14	5.	6.286	15.	2.	10.22	3.197	3.	5.	7.	13.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	14	30.	30.714	43.	24.	37.451	6.12	24.	24.75	34.5	41.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	14	940.	966.429	1150.	865.	7100.725	84.266	879.	904.25	993.75	1140.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-10/28/92	22 ##	0.375	7.943	30.	0.25	138.744	11.779	0.25	0.25	21.25	28.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	13	1892.	1894.462	2118.	1730.	12960.769	113.845	1749.2	1807.	1980.	2096.4
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	15	0.01	0.014	0.05	0.005	0.	0.014	0.005	0.005	0.02	0.044
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	15 ##	0.25	0.533	2.5	0.25	0.365	0.604	0.25	0.25	0.5	1.6
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	15 ##	0.025	0.03	0.1	0.025	0.	0.019	0.025	0.025	0.025	0.055
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	15 ##	0.5	0.6	2.	0.5	0.15	0.387	0.5	0.5	0.5	1.1
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	15 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	15 ##	10.	11.333	35.	5.	101.667	10.083	5.	5.	10.	35.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	15	0.05	0.043	0.1	0.015	0.001	0.029	0.015	0.015	0.06	0.088
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	15 ##	2.5	2.967	6.	2.5	1.517	1.232	2.5	2.5	2.5	6.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	15	35.	32.333	85.	5.	685.238	26.177	5.	5.	55.	73.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	15 ##	0.05	0.06	0.2	0.05	0.002	0.039	0.05	0.05	0.05	0.11
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	15 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	15	10.	15.5	45.	2.5	132.321	11.503	4.	10.	25.	36.

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/81-10/28/92	11	8.	9.318	29.	1.	48.464	6.962	2.1	6.5	9.	25.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/81-10/28/92	14	0.45	0.579	2.2	0.2	0.268	0.518	0.2	0.35	0.525	1.65
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	12	0.6	0.971	2.	0.3	0.509	0.714	0.3	0.363	1.8	2.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	12	2405.	2417.917	3515.	1570.	202688.447	450.209	1726.	2162.5	2567.5	3246.5
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	12	13.5	12.417	21.	7.	15.902	3.988	7.3	9.	14.	19.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	12	355.	348.333	378.	284.	726.97	26.962	295.1	330.5	369.25	377.1
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	12	433.	424.917	462.	346.	1086.083	32.956	359.8	403.5	450.5	460.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	12 ##	0.05	0.055	0.1	0.025	0.001	0.029	0.025	0.025	0.08	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	12 ##	0.01	0.012	0.025	0.005	0.	0.008	0.005	0.005	0.021	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	12	3.495	3.603	4.95	1.46	0.904	0.951	1.835	3.225	4.475	4.845
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	12	0.4	0.475	1.	0.1	0.077	0.277	0.16	0.3	0.725	0.97
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	12	0.02	0.021	0.05	0.01	0.	0.012	0.01	0.01	0.024	0.047
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	12	1094.5	1086.708	1360.	761.5	24825.748	157.562	821.05	980.	1157.5	1339.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	12	254.	292.417	744.	170.	21823.538	147.728	187.4	228.5	296.5	619.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	12	117.	111.833	131.	82.	236.515	15.379	85.9	96.25	122.75	129.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-10/23/91	12	226.	223.083	307.	110.	3976.629	63.061	119.	164.5	274.	301.9

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	12	6.	6.417	10.	4.	2.992	1.73	4.3	5.	7.	9.7
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	12	34.	38.167	70.	14.	238.515	15.444	16.4	30.25	44.5	67.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	12	1115.	1084.917	1441.	590.	55317.72	235.197	664.4	922.5	1238.75	1413.7
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-10/28/92	18 ##	0.5	2.642	15.	0.25	25.351	5.035	0.25	0.25	1.1	15.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	11	2078.	2073.091	2820.	1278.	174591.491	417.841	1365.2	1756.	2286.	2765.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	12 ##	0.01	0.019	0.1	0.003	0.001	0.027	0.003	0.005	0.02	0.082
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	0.5	0.417	0.7	0.25	0.025	0.157	0.25	0.25	0.5	0.655
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	12 ##	0.025	0.025	0.025	0.024	0.	0.	0.024	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	0.5	0.625	2.	0.5	0.188	0.433	0.5	0.5	0.5	1.55
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	2.5	3.042	9.	2.5	3.521	1.876	2.5	2.5	2.5	7.05
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	7.5	11.25	35.	5.	91.477	9.564	5.	5.	13.75	32.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	12 ##	0.015	0.04	0.13	0.01	0.002	0.041	0.012	0.015	0.07	0.121
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	2.5	3.125	5.	2.5	1.278	1.131	2.5	2.5	4.375	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12	14.	42.333	150.	5.	2558.606	50.583	5.	5.	83.75	138.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	0.05	0.075	0.2	0.05	0.002	0.045	0.05	0.05	0.1	0.17
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12	13.5	17.042	45.	2.5	180.475	13.434	3.25	5.	25.	42.

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/81-10/28/92	6	12.	11.833	13.	9.	2.167	1.472	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/81-10/28/92	7	3.1	2.671	3.6	0.3	1.316	1.147	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	9	2.5	5.378	21.	0.4	41.782	6.464	0.4	1.45	7.9	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	9	2610.	2414.444	2900.	1100.	274202.778	523.644	1100.	2355.	2650.	2900.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	9	11.	12.778	27.	4.	56.194	7.496	4.	6.5	18.	27.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	9	353.	338.778	402.	253.	2376.944	48.754	253.	301.5	365.5	402.
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	9	422.	379.667	490.	130.	12275.5	110.795	130.	315.5	446.	490.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	8	8.	15.25	52.	0.	375.643	19.382	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	9 ##	0.025	0.039	0.1	0.025	0.001	0.025	0.025	0.025	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	9 ##	0.005	0.011	0.025	0.005	0.	0.008	0.005	0.005	0.018	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	9	4.57	4.14	5.3	0.14	2.419	1.555	0.14	4.075	4.95	5.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	9	0.5	0.511	0.9	0.3	0.039	0.196	0.3	0.35	0.65	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	7	0.02	0.038	0.1	0.005	0.001	0.036	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	9	1120.	1076.889	1270.	518.	53179.111	230.606	518.	1015.	1227.	1270.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	9	272.	246.667	285.	121.	2793.75	52.856	121.	227.	280.	285.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	9	117.	112.111	139.	52.	626.861	25.037	52.	106.5	127.	139.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-10/23/91	9	218.	217.889	355.	75.	5117.611	71.537	75.	202.5	238.5	355.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	9	6.	6.444	9.	4.	2.028	1.424	4.	6.	7.5	9.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	9	41.	42.556	62.	12.	211.528	14.544	12.	38.	53.5	62.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	9	1110.	1056.889	1325.	392.	83104.611	288.279	392.	950.	1247.5	1325.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-10/28/92	10 ##	0.25	3.275	30.	0.25	88.187	9.391	0.25	0.25	0.5	27.05
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	8	2148.	2014.	2480.	814.	279413.714	528.596	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	9	0.01	0.021	0.05	0.005	0.	0.016	0.005	0.01	0.035	0.05
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9	1.	0.972	2.	0.25	0.523	0.723	0.25	0.25	1.75	2.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	5.	7.556	18.	5.	20.028	4.475	5.	5.	10.	18.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	8	0.095	0.116	0.33	0.015	0.01	0.1	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	2.5	3.389	8.	2.5	3.674	1.917	2.5	2.5	3.75	8.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9	50.	80.	185.	40.	2962.5	54.429	40.	45.	120.	185.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	0.05	0.072	0.2	0.05	0.003	0.051	0.05	0.05	0.075	0.2
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9	10.	20.	45.	2.5	310.938	17.633	2.5	3.75	37.5	45.

** - Less 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: DINO0244

NPS Station ID: DINO0244
LAT/LON: 40.359167/-109.345000
Agency: 21UTAH
Date Created: 06/19/82
Location: ODUM DRAIN INFLOW TO STEWART L WMA
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493722
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001008
RF1 Mile Point: 2.070
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14040106005619.30
RF3 Mile Point: 19.47
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/81-09/25/86	25	10.	11.8	29.	2.	54.	7.348	2.	7.	16.5	24.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/81-09/25/86	25	0.2	0.34	2.2	0.1	0.213	0.461	0.1	0.1	0.3	1.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	28	8.3	10.043	30.	1.	64.051	8.003	1.73	4.225	13.925	21.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	28	2015.	1991.5	3070.	900.	153332.63	391.577	1487.	1860.	2160.	2331.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/11/81-03/11/81	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/25/87-03/25/87	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/25/87-03/25/87	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/87-03/25/87	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	28	11.5	12.821	28.	3.	42.374	6.51	4.9	8.25	17.25	23.3
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	28	371.	354.643	472.	216.	4126.238	64.236	261.7	332.25	389.	444.3
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	28	453.	432.464	576.	264.	6142.925	78.377	318.8	405.5	474.	541.6
00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	28	22.	25.036	133.	0.	746.776	27.327	0.	0.75	36.	51.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	29	0.1	0.231	1.7	0.025	0.117	0.342	0.025	0.05	0.325	0.5
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	29 ##	0.01	0.07	1.19	0.005	0.05	0.224	0.005	0.005	0.025	0.25
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	29	0.37	1.125	6.38	0.005	3.046	1.745	0.04	0.13	0.96	4.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	29	1.2	1.21	3.5	0.3	0.394	0.628	0.6	0.7	1.5	2.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/11/81-10/25/83	11	0.35	1.199	5.6	0.08	3.506	1.873	0.084	0.12	1.15	5.31
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	28	0.07	0.084	0.28	0.01	0.004	0.065	0.01	0.04	0.108	0.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/81-03/11/81	1	22.4	22.4	22.4	22.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	28	825.	845.704	1365.	423.	32121.557	179.225	569.	770.	932.5	1065.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	28	176.	178.5	264.	107.	1350.333	36.747	127.6	160.	193.	240.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	28	99.5	97.036	171.	38.	601.443	24.524	62.5	86.5	105.75	123.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	28	185.5	188.107	345.	54.	4194.84	64.768	102.3	161.	215.	289.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	28	9.	9.679	21.	4.	17.115	4.137	4.9	7.	12.	16.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	28	35.5	38.911	80.	10.	272.112	16.496	21.2	30.	44.75	73.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	28	767.5	790.321	1400.	263.	53177.263	230.602	479.4	666.25	911.25	990.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/81-03/11/81	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/81-03/11/81	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/11/81-03/11/81	1	525.	525.	525.	525.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/11/81-03/11/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	29 ##	0.25	0.529	2.	0.25	0.231	0.481	0.25	0.25	0.65	1.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	27	1612.	1606.444	2658.	646.	154934.333	393.617	1012.2	1498.	1828.	1946.4
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	28	0.03	0.037	0.14	0.005	0.001	0.031	0.01	0.01	0.058	0.071
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	29	1.5	1.347	3.5	0.25	0.883	0.94	0.25	0.25	2.	2.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	29 ##	0.025	0.036	0.11	0.025	0.001	0.023	0.025	0.025	0.038	0.08

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

Parameter Inventory for Station: DINO0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	29 ##	0.5	0.586	1.	0.5	0.037	0.192	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	29 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	29 ##	5.	7.069	15.	5.	8.067	2.84	5.	5.	10.	10.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	29	0.43	0.413	1.26	0.015	0.086	0.293	0.015	0.21	0.53	0.78
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	29 ##	2.5	3.19	10.	2.5	2.632	1.622	2.5	2.5	2.5	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	29	120.	160.207	711.	10.	17718.741	133.112	40.	100.	167.5	300.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	29 ##	0.05	0.057	0.1	0.05	0.	0.018	0.05	0.05	0.05	0.1
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-10/25/83	18 ##	5.	8.167	20.	0.	31.676	5.628	4.5	5.	15.	17.3
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	29 ##	1.	1.034	2.	1.	0.034	0.186	1.	1.	1.	1.
82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/83-10/25/83	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	29	10.	15.086	55.	2.5	208.251	14.431	2.5	5.	25.	35.

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

EPA Water Quality Criteria Analysis for Station: DINO0244

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	28	0	0.00	11	0	0.00	10	0	0.00	7	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						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	29	1	0.03	12	0	0.00	10	1	0.10	7	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	28	0	0.00	11	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	250.	28	0	0.00	11	0	0.00	10	0	0.00	7	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	28	28	1.00	11	11	1.00	10	10	1.00	7	7	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	50.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	50.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	5.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	1300.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	15.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	2.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	100.	18	0	0.00	8	0	0.00	5	0	0.00	5	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	100.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
		Drinking Water	5000.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	11	5.	6.218	17.	1.	25.014	5.001	1.16	2.	7.8	16.34
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	11	1960.	2067.727	2655.	1840.	56246.818	237.164	1856.	1940.	2260.	2578.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	11	12.	14.182	28.	7.	40.564	6.369	7.4	9.	19.	26.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	11	374.	377.818	443.	331.	912.164	30.202	332.	366.	389.	433.8
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	11	456.	460.727	540.	404.	1343.418	36.653	405.2	446.	474.	528.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	12	20.5	17.667	51.	0.	306.606	17.51	0.	0.	30.	46.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	12	0.06	0.138	0.5	0.025	0.023	0.151	0.025	0.031	0.208	0.455
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	12 ##	0.008	0.015	0.06	0.005	0.	0.016	0.005	0.005	0.025	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	12	0.695	1.761	6.38	0.04	4.45	2.109	0.058	0.36	3.625	5.846
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	12	0.9	0.975	2.2	0.3	0.28	0.529	0.36	0.625	1.175	2.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	11	0.06	0.07	0.2	0.01	0.003	0.053	0.012	0.025	0.09	0.182
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	11	820.	865.	1110.	770.	12675.	112.583	770.	780.	910.	1092.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	11	186.	183.091	240.	144.	710.691	26.659	147.2	160.	194.	234.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	11	96.	98.909	141.	80.	256.691	16.022	81.	91.	103.	134.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	11	184.	204.091	330.	130.	3512.491	59.266	136.2	161.	244.	321.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	11	9.	10.091	21.	4.	32.491	5.7	4.	6.	16.	20.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	11	35.	43.818	75.	30.	280.764	16.756	30.	30.	50.	74.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	11	760.	829.545	1310.	700.	32097.273	179.157	702.	710.	870.	1239.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	12 ##	0.375	0.717	2.	0.25	0.431	0.657	0.25	0.25	0.95	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	11	1612.	1703.545	2396.	1506.	68022.273	260.811	1506.	1507.	1828.	2283.6
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	12	0.02	0.027	0.07	0.01	0.	0.017	0.01	0.013	0.038	0.061
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	0.25	0.646	2.	0.25	0.357	0.598	0.25	0.25	1.	1.85
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	12 ##	0.025	0.041	0.09	0.025	0.001	0.025	0.025	0.025	0.065	0.087
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	0.5	0.583	1.	0.5	0.038	0.195	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	5.	6.667	15.	5.	10.606	3.257	5.	5.	8.75	13.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	12	0.24	0.282	0.78	0.015	0.044	0.209	0.015	0.18	0.418	0.678
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	2.5	3.542	10.	2.5	5.066	2.251	2.5	2.5	4.375	8.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12	122.5	119.167	295.	10.	5135.606	71.663	19.	65.	143.75	251.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12 ##	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.	1.7
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	12	12.5	16.458	50.	2.5	202.794	14.241	3.25	5.	23.75	45.5

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	10	9.9	12.4	30.	3.1	66.851	8.176	3.26	6.65	19.3	28.93
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	10	2085.	2044.2	3070.	1370.	213890.844	462.483	1383.	1740.	2148.75	2992.5
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	10	11.	12.6	26.	4.	47.6	6.899	4.3	7.75	16.25	25.7
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	10	358.5	356.2	472.	216.	7121.733	84.39	221.	273.5	425.25	470.4
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	10	437.	434.4	576.	264.	10602.489	102.968	270.	333.	518.5	574.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	9	23.	28.111	47.	3.	207.111	14.391	3.	19.5	41.5	47.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	10	0.33	0.447	1.7	0.025	0.253	0.503	0.033	0.115	0.525	1.62
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	10 ##	0.01	0.176	1.19	0.005	0.137	0.37	0.005	0.005	0.25	1.096
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	10	0.13	0.776	5.6	0.005	2.945	1.716	0.005	0.031	0.665	5.117
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	10	1.45	1.59	3.5	0.7	0.579	0.761	0.75	1.2	1.725	3.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	10	0.08	0.1	0.2	0.04	0.002	0.049	0.043	0.07	0.143	0.195
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	10	855.	862.17	1365.	560.	44573.756	211.125	573.5	722.525	910.	1322.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	10	170.	173.4	264.	128.	1435.6	37.889	128.2	152.5	182.5	256.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	10	102.	104.3	171.	58.	901.789	30.03	59.3	92.	112.25	166.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	10	198.	194.8	345.	87.	4727.956	68.76	90.4	157.75	217.5	333.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	10	10.	10.5	15.	7.	6.056	2.461	7.1	8.75	12.25	14.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	10	40.	40.45	80.	14.	299.247	17.299	15.35	30.125	45.25	77.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	10	826.5	814.5	1400.	429.	74418.5	272.798	444.1	610.	947.	1354.7
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	10 ##	0.25	0.375	1.	0.25	0.059	0.243	0.25	0.25	0.5	0.95

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	9	1582.	1615.222	2658.	941.	223296.444	472.543	941.	1330.	1785.	2658.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	10	0.03	0.046	0.14	0.005	0.002	0.042	0.006	0.01	0.07	0.133
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	10	1.75	1.95	3.	1.5	0.303	0.55	1.5	1.5	2.5	2.95
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	10 ##	0.025	0.03	0.054	0.025	0.	0.011	0.025	0.025	0.031	0.054
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	10 ##	0.5	0.65	1.	0.5	0.058	0.242	0.5	0.5	1.	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	10 ##	7.5	7.5	10.	5.	6.944	2.635	5.	5.	10.	10.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	10	0.475	0.539	1.16	0.34	0.053	0.23	0.345	0.42	0.573	1.102
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	10 ##	2.5	3.	5.	2.5	1.111	1.054	2.5	2.5	3.125	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	10	137.5	231.1	711.	100.	35999.878	189.736	100.	111.25	307.5	672.9
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	10 ##	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	10	8.75	13.	30.	2.5	102.5	10.124	2.75	5.	25.	29.5

** - 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 #3: 6/01 to 8/31 - Station DINO0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	7	12.6	12.686	30.	1.1	102.035	10.101	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	7	2020.	1796.429	2190.	900.	215739.286	464.477	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	7	11.	11.	21.	3.	44.333	6.658	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	7	343.	316.	377.	223.	3634.333	60.285	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	7	418.	385.286	460.	272.	5432.905	73.708	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	7	15.	33.714	133.	0.	2311.571	48.079	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	7	0.07	0.081	0.2	0.025	0.004	0.061	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	7 ##	0.005	0.011	0.025	0.005	0.	0.009	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	7	0.35	0.533	1.5	0.2	0.218	0.467	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	7	1.1	1.071	1.5	0.7	0.082	0.287	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	7	0.05	0.083	0.28	0.01	0.01	0.099	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	7	820.	791.857	1060.	423.	52044.143	228.132	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	7	172.	178.571	247.	107.	2656.619	51.542	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	7	95.	83.714	106.	38.	624.571	24.991	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	7	183.	153.429	230.	54.	3984.619	63.124	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	7	7.	7.857	14.	5.	8.476	2.911	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	7	26.	29.	45.	10.	145.	12.042	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	7	780.	694.143	915.	263.	59587.476	244.105	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	7 ##	0.25	0.429	1.	0.25	0.077	0.278	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	7	1656.	1442.571	1832.	646.	211551.619	459.947	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	6	0.05	0.043	0.08	0.005	0.001	0.029	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	7	2.	1.686	3.5	0.25	1.287	1.135	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	7 ##	0.025	0.037	0.11	0.025	0.001	0.032	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	7 ##	5.	7.143	10.	5.	7.143	2.673	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	7	0.47	0.456	1.26	0.015	0.178	0.422	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	7 ##	2.5	2.857	5.	2.5	0.893	0.945	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	7	105.	129.286	280.	30.	6411.905	80.074	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	7 ##	5.	15.714	55.	2.5	434.821	20.852	**	**	**	**

** - Less 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: DINO0245

NPS Station ID: DINO0245
LAT/LON: 40.363500/-109.354330
Agency: 21UTAH
Date Created: 06/19/82
Location: STEWART L WMA INFLOW
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493725
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001008
RF1 Mile Point: 2.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14060001000801.43
RF3 Mile Point: 3.90
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/81-06/04/85	11	18.	18.	23.	13.	12.6	3.55	13.2	14.	21.	22.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/09/81-06/04/85	11	0.1	0.264	1.5	0.1	0.173	0.415	0.1	0.1	0.2	1.26
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/09/81-06/04/85	11	3.6	15.673	70.	2.3	465.002	21.564	2.34	2.5	27.	63.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/81-06/04/85	11	2140.	2236.818	4240.	760.	1156956.364	1075.619	793.	1415.	3180.	4028.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/13/84-06/04/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/09/81-06/04/85	11	6.	7.364	23.	2.	32.455	5.697	2.	5.	9.	20.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/81-06/04/85	11	307.	276.091	380.	152.	6776.691	82.321	152.8	203.	361.	376.2
00440	BICARBONATE ION (MG/L AS HCO3)	06/09/81-06/04/85	11	374.	336.182	464.	186.	10172.364	100.858	186.8	242.	440.	459.2
00445	CARBONATE ION (MG/L AS CO3)	06/09/81-06/04/85	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/81-06/04/85	10	11.5	23.	71.	0.	800.	28.284	0.	0.	53.	70.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/81-06/04/85	11	0.11	0.151	0.3	0.05	0.008	0.091	0.05	0.07	0.2	0.3
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/09/81-06/04/85	11 ##	0.005	0.009	0.025	0.005	0.	0.008	0.005	0.005	0.01	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/09/81-06/04/85	11	2.3	3.15	6.24	0.45	4.514	2.125	0.63	1.5	6.01	6.24
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/81-06/04/85	11	1.2	1.236	2.3	0.7	0.217	0.465	0.72	0.9	1.5	2.16
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/13/82-07/13/83	3	2.3	2.47	3.76	1.35	1.474	1.214	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/81-06/04/85	11	0.2	0.187	0.37	0.04	0.008	0.092	0.048	0.12	0.24	0.344
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/09/81-06/04/85	11	815.	894.	1500.	362.	143515.2	378.834	380.	605.	1300.	1460.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/09/81-06/04/85	11	188.	207.182	336.	94.	6504.964	80.653	96.6	142.	296.	328.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/09/81-06/04/85	10	77.	92.2	161.	31.	2091.956	45.738	32.4	57.	136.	158.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/09/81-06/04/85	11	222.	223.364	395.	29.	17941.855	133.947	36.4	115.	349.	392.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/09/81-06/04/85	11	16.	16.091	29.	5.	80.691	8.983	5.	7.	24.	29.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/09/81-06/04/85	11	40.	40.364	100.	8.	701.655	26.489	9.2	20.	48.	94.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/09/81-06/04/85	11	840.	997.545	1795.	250.	299074.073	546.877	264.	600.	1554.	1750.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/82-08/10/82	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/09/81-06/04/85	11	2.4	2.7	6.5	0.25	5.193	2.279	0.25	0.5	4.3	6.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/09/81-06/04/85	10	1556.	1731.4	3198.	556.	807113.822	898.395	568.8	1018.5	2668.5	3148.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/09/81-06/04/85	11	0.15	0.145	0.35	0.03	0.009	0.095	0.036	0.06	0.2	0.33
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	11	2.	2.214	5.5	0.25	3.007	1.734	0.4	1.	2.1	5.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/09/81-06/04/85	11 ##	0.025	0.035	0.09	0.025	0.001	0.023	0.025	0.025	0.025	0.086
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	11 ##	2.5	2.727	5.	2.5	0.568	0.754	2.5	2.5	2.5	4.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	11 ##	5.	5.909	10.	5.	4.091	2.023	5.	5.	5.	10.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/09/81-06/04/85	11	0.16	0.28	1.04	0.03	0.091	0.302	0.042	0.11	0.26	0.964
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	11 ##	2.5	2.955	5.	2.5	1.023	1.011	2.5	2.5	2.5	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	11	95.	116.545	345.	20.	9449.073	97.206	23.	45.	151.	320.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	11 ##	0.05	1.155	6.1	0.05	5.979	2.445	0.05	0.05	0.1	6.1
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-07/13/83	8 ##	5.	8.125	20.	5.	35.268	5.939	**	**	**	**

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

Parameter Inventory for Station: DINO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/09/81-06/04/85	11	15.	22.955	65.	2.5	516.023	22.716	3.	5.	35.	65.

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

EPA Water Quality Criteria Analysis for Station: DINO0245

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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	2	0	0.00	1	1	1.00	8	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	250.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	11	11	1.00	2	2	1.00	1	1	1.00	8	8	1.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	50.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	50.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	5.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	1300.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	15.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	11	2	0.18	2	0	0.00	1	0	0.00	8	2	0.25			
		Drinking Water	2.	11	2	0.18	2	0	0.00	1	0	0.00	8	2	0.25			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	8	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	100.	8	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	100.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	5000.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			

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

Station Inventory for Station: DINO0246

NPS Station ID: DINO0246
LAT/LON: 40.398893/-109.355004
Agency: 112WRD
Date Created: 09/30/89
Location: SUNSHINE CANAL @ 5000 S. DINOSAUR
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402356109211801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 14060002048200.00
RF3 Mile Point: 0.97
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/89-06/28/89	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/28/89-06/28/89	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/28/89-06/28/89	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/89-06/28/89	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/28/89-06/28/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0246

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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: DINO0247

NPS Station ID: DINO0247
Location: STEWART LAKE 01
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 14060002
Major Basin: COLORADO RIVER
Minor Basin: GREEN RIVER
RF1 Index: 14060002
RF3 Index: 14060001000801.43
Description:

LAT/LON: 40.352667/-109.359660
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 2.40

Agency: 21UTAH
FIPS State/County: 49047 UTAH/UINTAH
STORET Station ID(s): 493720
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 1.80
Distance from RF3: 0.07

Date Created: 05/30/92
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: DINO0247

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: DINO0248

NPS Station ID: DINO0248
LAT/LON: 40.346000/-109.361830
Agency: 21UTAH
Date Created: 03/08/80
Location: STEWART L WFMA OUTLET AB CNFL / GREEN R
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493724
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060001008
RF1 Mile Point: 0.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14060001000800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	118	11.1	12.551	31.	0.	75.397	8.683	1.1	4.75	19.7	23.44
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/12/90-07/31/91	6	13.7	14.9	32.	0.	123.26	11.102	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	103	1.8	3.888	48.9	0.	42.456	6.516	0.1	0.5	5.	9.12
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	119	15.8	26.751	240.	0.7	1477.665	38.44	2.6	6.5	29.	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/21/80-10/28/92	95	2420.	2387.968	4480.	350.	582070.265	762.935	1330.	1977.	2840.	3312.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	120	2467.5	2539.475	4340.	1060.	483912.756	695.638	1679.5	2067.5	3047.5	3524.5
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/24/84-10/28/92	67	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	03/20/80-10/28/92	84	7.2	8.021	26.7	2.6	14.609	3.822	4.2	5.625	9.175	11.75
00335	COD, .025N K2CR2O7 MG/L	02/21/80-06/27/90	79	32.	32.911	130.	5.	285.723	16.903	16.	25.	37.	48.
00400	PH (STANDARD UNITS)	10/29/86-10/28/92	40	7.8	7.81	8.2	7.5	0.033	0.182	7.51	7.7	7.9	8.09
00400	CONVERTED PH (STANDARD UNITS)	10/29/86-10/28/92	40	7.8	7.773	8.2	7.5	0.035	0.186	7.51	7.7	7.9	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/29/86-10/28/92	40	0.016	0.017	0.032	0.006	0.	0.007	0.008	0.013	0.02	0.031
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	120	5.5	6.967	35.	1.	34.604	5.883	2.	3.	8.	13.9
00406	PH, FIELD, STANDARD UNITS SU	03/20/80-10/28/92	84	7.75	7.69	8.6	6.5	0.237	0.487	7.05	7.4	8.	8.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/20/80-10/28/92	84	7.747	7.393	8.6	6.5	0.327	0.572	7.05	7.4	8.	8.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/20/80-10/28/92	84	0.018	0.04	0.316	0.003	0.004	0.061	0.005	0.01	0.04	0.09
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	120	192.	211.117	569.	90.	7196.524	84.832	124.4	162.	224.75	328.8
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	120	234.	257.608	694.	110.	10718.375	103.53	152.4	198.	274.	406.8
00445	CARBONATE ION (MG/L AS CO3)	07/02/80-10/28/92	69	0.	0.145	8.	0.	0.979	0.989	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	111	27.	56.081	540.	0.	8286.984	91.033	0.	11.	58.	133.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	120	0.09	0.145	1.1	0.025	0.034	0.184	0.025	0.05	0.153	0.327
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/17/88-11/01/90	14 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.008
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	69 ##	0.01	0.031	0.34	0.005	0.004	0.06	0.005	0.005	0.025	0.1
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/17/88-11/01/90	14	0.05	0.081	0.41	0.005	0.011	0.106	0.005	0.005	0.115	0.27
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	68	0.09	0.221	3.25	0.005	0.196	0.443	0.01	0.025	0.288	0.45
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	119	1.	1.245	11.7	0.05	1.543	1.242	0.6	0.8	1.2	1.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/21/80-10/01/91	46	0.15	0.292	3.25	0.01	0.253	0.503	0.021	0.036	0.35	0.545
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/23/91-10/28/92	13	0.04	0.172	1.229	0.005	0.112	0.334	0.007	0.03	0.15	0.893
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	120	0.06	0.08	0.8	0.003	0.009	0.095	0.02	0.03	0.099	0.15
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/12/90-10/28/92	15	0.018	0.02	0.059	0.005	0.	0.013	0.005	0.011	0.025	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/17/88-06/27/90	14 ##	0.004	0.007	0.02	0.003	0.	0.006	0.003	0.003	0.01	0.018
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/21/80-06/27/90	79	10.9	13.742	66.5	4.5	76.309	8.735	7.9	9.3	14.4	22.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	120	942.5	987.245	1994.2	220.5	113234.261	336.503	550.	770.25	1186.625	1380.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	120	185.5	196.158	420.	79.	4016.286	63.374	120.	153.25	230.	280.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	120	120.	124.761	255.	42.	1824.304	42.712	66.6	100.	151.5	188.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	120	262.	285.738	1000.	9.6	13744.468	117.237	158.7	220.	363.75	420.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	120	8.	8.727	25.	1.	9.035	3.006	6.	7.	10.75	12.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	119	45.	52.153	280.	20.	795.907	28.212	28.	36.	61.	80.

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

Parameter Inventory for Station: DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	120	1200.	1265.856	2310.	207.	211908.116	460.335	586.	954.	1529.25	1948.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/21/80-05/12/81	16	0.4	0.394	0.53	0.28	0.004	0.063	0.301	0.35	0.428	0.488
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/21/80-04/17/81	15	4.	7.2	16.	2.	29.171	5.401	2.	3.	14.	15.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/10/80-10/28/92	6 ##	2.5	1.917	2.5	0.5	0.842	0.917	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/10/80-10/28/92	6	56.5	51.	75.	25.	491.6	22.172	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/21/80-04/28/81	16	730.	700.188	1275.	60.	96239.896	310.226	77.5	558.5	912.5	1082.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/10/80-10/28/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/10/80-10/28/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/21/80-04/17/81	14 ##	2.5	2.893	8.	2.5	2.161	1.47	2.5	2.5	2.5	5.25
01040	COPPER, DISSOLVED (UG/L AS CU)	04/10/80-10/28/92	6 ##	10.	8.333	10.	5.	6.667	2.582	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/10/80-10/28/92	6	43.5	42.5	50.	33.	69.1	8.313	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/10/80-10/28/92	6 ##	2.5	3.333	5.	2.5	1.667	1.291	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/10/80-10/28/92	6	61.5	97.167	260.	5.	11006.167	104.91	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/10/80-08/20/80	2 ##	8.5	8.5	12.	5.	24.5	4.95	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/10/80-10/28/92	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/10/80-10/28/92	6	23.	20.75	31.	2.5	113.775	10.667	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/10/80-10/28/92	8 ##	2.5	3.625	10.	0.5	9.268	3.044	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	118	1.	2.22	25.	0.25	11.111	3.333	0.25	0.25	2.5	5.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/21/80-06/23/82	16	430.	8545.313	43000.	5.	292594011.563	17105.38	29.5	170.	2200.	43000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/21/80-06/23/82	16	2.633	2.844	4.633	0.699	1.194	1.093	1.331	2.223	3.336	4.633
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			698.903								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/21/80-05/27/82	17	23.	635.324	9300.	7.	5031749.498	2243.156	10.6	11.5	70.	2580.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/21/80-05/27/82	17	1.362	1.61	3.968	0.845	0.676	0.822	1.018	1.061	1.827	3.157
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			40.769								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	01/08/81-06/23/82	7	34.	203.	1200.	4.	194307.667	440.803	**	**	**	**
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	01/08/81-06/23/82	7	1.531	1.598	3.079	0.602	0.658	0.811	**	**	**	**
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			39.631								
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/12/91-10/28/92	16	1167.5	894.813	1966.	0.	592372.696	769.658	0.	0.	1549.25	1878.5
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/12/91-10/28/92	16	528.	364.5	780.	0.	95312.533	308.727	0.	0.	604.25	756.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	113	2094.	2207.08	4126.	764.	517885.628	719.643	1191.6	1809.	2655.	3191.6
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/21/80-04/06/88	69	0.02	0.028	0.19	0.003	0.001	0.034	0.005	0.007	0.035	0.06
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/27/92-10/28/92	4 ##	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	113	1.	1.471	8.	0.25	1.545	1.243	0.25	0.5	2.	2.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	113 ##	0.025	0.051	0.19	0.01	0.001	0.037	0.025	0.025	0.07	0.11
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	113 ##	0.5	0.553	2.	0.5	0.051	0.225	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	113 ##	2.5	2.774	15.	2.5	2.522	1.588	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	113 ##	10.	9.646	27.	5.	22.641	4.758	5.	5.	10.	19.2
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	115	0.48	0.712	7.6	0.07	1.024	1.012	0.13	0.29	0.72	1.18
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	112 ##	2.5	2.879	15.	2.5	2.276	1.509	2.5	2.5	2.5	4.25
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	113	95.	131.885	800.	5.	14810.621	121.699	20.	50.	186.5	292.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	113 ##	0.05	0.086	1.9	0.01	0.031	0.175	0.05	0.05	0.1	0.1
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-10/11/83	40 ##	5.	10.825	61.	5.	137.43	11.723	5.	5.	11.75	29.5
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	113 ##	1.	1.115	10.	1.	0.746	0.863	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	113	10.	16.372	55.	2.5	176.053	13.268	5.	7.5	20.	40.

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

EPA Water Quality Criteria Analysis for Station: DINO0248

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	119	14	0.12	54	2	0.04	41	8	0.20	24	4	0.17			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	84	6	0.07	38	2	0.05	28	2	0.07	18	2	0.11			
00400	PH	Fresh Chronic	9.	40	0	0.00	16	0	0.00	14	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	40	0	0.00	16	0	0.00	14	0	0.00	10	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	84	0	0.00	37	0	0.00	29	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	84	1	0.01	37	1	0.03	29	0	0.00	18	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	14	0	0.00	6	0	0.00	3	0	0.00	5	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	69	0	0.00	30	0	0.00	25	0	0.00	14	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	14	0	0.00	6	0	0.00	3	0	0.00	5	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: DINO0248

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	68	0	0.00	29	0	0.00	25	0	0.00	14	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	46	0	0.00	23	0	0.00	16	0	0.00	7	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	119	0	0.00	53	0	0.00	42	0	0.00	24	0	0.00			
		Drinking Water	250.	119	1	0.01	53	0	0.00	42	1	0.02	24	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	120	119	0.99	54	53	0.98	42	42	1.00	24	24	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	16	0	0.00	4	0	0.00	9	0	0.00	3	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	50.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	5.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	14	0	0.00	3	0	0.00	8	0	0.00	3	0	0.00			
		Drinking Water	100.	14	0	0.00	3	0	0.00	8	0	0.00	3	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	1300.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	15.	6	0	0.00	2	0	0.00	2	0	0.00	2	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	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	100.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	5000.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	8	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	50.	8	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	118	1	0.01	56	1	0.02	41	0	0.00	21	0	0.00			
		Drinking Water	50.	118	0	0.00	56	0	0.00	41	0	0.00	21	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	16	5	0.31	6	1	0.17	8	2	0.25	2	2	1.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	17	3	0.18	5	1	0.20	11	1	0.09	1	1	1.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			
		Drinking Water	50.	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			
		Drinking Water	5.	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	113	12	0.11	52	6	0.12	40	4	0.10	21	2	0.10			
		Drinking Water	1300.	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	112	0	0.00	51	0	0.00	40	0	0.00	21	0	0.00			
		Drinking Water	15.	112	1	0.01	51	0	0.00	40	1	0.03	21	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	113	0	0.00	52	0	0.00	39	0	0.00	22	0	0.00			
		Drinking Water	2.	113	0	0.00	52	0	0.00	39	0	0.00	22	0	0.00			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	40	0	0.00	19	0	0.00	15	0	0.00	6	0	0.00			
		Drinking Water	100.	40	0	0.00	19	0	0.00	15	0	0.00	6	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	113	1	0.01	52	1	0.02	40	0	0.00	21	0	0.00			
		Drinking Water	100.	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			
		Drinking Water	5000.	113	0	0.00	52	0	0.00	40	0	0.00	21	0	0.00			

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

Annual Analysis for 1980 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	7	17.5	14.314	24.	2.	66.375	8.147	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	7	0.5	1.243	3.	0.3	1.466	1.211	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	7	3.3	4.143	9.7	0.7	12.83	3.582	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	8	2312.5	2305.	3525.	1480.	381885.714	617.969	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	8	3.	4.5	10.	1.	14.	3.742	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	8	194.5	208.875	336.	157.	2918.125	54.02	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	8	235.	252.25	410.	192.	4466.786	66.834	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	8	0.	7.25	33.	0.	184.786	13.594	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	8	0.1	0.213	1.1	0.05	0.129	0.359	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	8	1.	1.363	4.	0.7	1.188	1.09	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	8	0.055	0.158	0.8	0.01	0.071	0.266	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	8	855.	865.	1340.	550.	56692.857	238.103	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	8	177.	197.25	312.	128.	4791.929	69.224	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	8	90.	90.5	146.	49.	1032.	32.125	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	8	246.5	323.125	1000.	129.	78206.982	279.655	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	8	10.5	10.875	25.	1.	46.696	6.833	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	8	47.	78.25	280.	27.	6939.643	83.305	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	8	1050.	1043.625	1725.	569.	117547.982	342.853	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	6 ##	0.5	1.167	4.	0.5	1.967	1.402	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	8	1858.	1869.75	2992.	1108.	325198.214	570.262	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6	1.	1.25	2.	0.5	0.375	0.612	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	6 ##	0.025	0.029	0.05	0.025	0.	0.01	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	0.75	0.75	1.	0.5	0.075	0.274	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	2.5	6.	15.	2.5	31.	5.568	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6	10.5	10.667	18.	5.	27.467	5.241	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	8	0.31	0.395	0.99	0.07	0.086	0.293	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	5.	4.583	5.	2.5	1.042	1.021	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6	73.5	75.167	183.	15.	3830.967	61.895	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	1.	2.667	10.	1.	13.067	3.615	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6	6.5	15.583	55.	2.5	401.642	20.041	**	**	**	**

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Annual Analysis for 1981 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	15	5.7	9.613	21.	1.	56.706	7.53	1.24	3.7	18.7	20.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	11	0.5	1.345	6.	0.1	3.499	1.87	0.1	0.1	2.5	5.42
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	14	7.35	10.129	42.	1.8	95.915	9.794	2.55	5.75	10.5	28.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	14	3135.	3147.143	3850.	2810.	71856.593	268.061	2820.	2975.	3286.25	3602.5
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	14	5.5	5.571	9.	2.	3.495	1.869	2.5	4.75	7.	8.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	14	190.	191.143	305.	122.	1742.286	41.741	134.	169.75	205.5	259.
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	14	232.	233.214	372.	149.	2586.181	50.855	163.5	207.5	250.5	316.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	12	17.	26.917	142.	0.	1474.992	38.406	0.	6.25	30.75	111.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	14	0.1	0.139	0.8	0.05	0.038	0.194	0.05	0.05	0.1	0.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	14	0.9	1.064	3.3	0.7	0.433	0.658	0.7	0.775	1.025	2.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	14	0.028	0.039	0.15	0.005	0.001	0.035	0.013	0.024	0.05	0.105
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	14	1267.5	1276.786	1540.	1110.	15467.72	124.369	1112.5	1186.25	1342.5	1507.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	14	241.	247.143	296.	222.	537.055	23.174	222.	224.	262.	288.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	14	156.5	160.214	195.	135.	376.489	19.403	135.	145.25	180.5	192.
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	14	385.	389.643	455.	330.	1582.555	39.781	332.5	358.75	422.5	450.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	14	12.	11.857	14.	10.	1.055	1.027	10.	11.75	12.	13.5
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	14	65.	66.214	89.	55.	83.566	9.141	55.5	60.	71.25	82.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	14	1685.	1712.143	2100.	1420.	44341.209	210.574	1460.	1522.5	1893.75	2065.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	14 ##	0.5	0.643	1.	0.5	0.055	0.234	0.5	0.5	1.	1.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	14	2827.	2818.143	3568.	2454.	90673.516	301.12	2463.	2604.	2938.	3375.

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Annual Analysis for 1981 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	0.5	0.857	4.	0.5	0.863	0.929	0.5	0.5	1.	2.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	5.	6.786	15.	5.	10.027	3.167	5.	5.	10.	12.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	14	0.33	0.401	0.66	0.13	0.032	0.178	0.155	0.263	0.577	0.64
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	2.5	3.214	10.	2.5	4.258	2.064	2.5	2.5	2.5	7.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14	30.	41.429	245.	5.	3570.879	59.757	5.	20.	35.	145.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	13 ##	0.05	0.208	1.9	0.05	0.26	0.51	0.05	0.05	0.075	1.22
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14	40.	36.786	55.	20.	175.412	13.244	20.	23.75	46.25	55.

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

Annual Analysis for 1982 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	13	10.4	11.123	23.	0.5	67.815	8.235	0.86	3.4	18.25	22.84
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	7	0.9	2.471	9.2	0.1	10.632	3.261	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	15	4.	7.52	39.	1.	90.877	9.533	1.3	2.6	10.7	23.52
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	15	3070.	3176.667	4240.	2390.	343495.238	586.085	2468.	2700.	3770.	4048.
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	15	6.	8.867	31.	3.	47.41	6.885	3.	5.	10.	20.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	15	192.	214.333	472.	90.	12352.381	111.141	97.8	128.	264.	428.8
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	15	234.	261.933	576.	110.	18524.638	136.105	119.6	156.	322.	523.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	15	8.	12.6	50.	0.	223.829	14.961	0.	0.	19.	40.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	15 ##	0.06	0.092	0.3	0.025	0.005	0.071	0.04	0.05	0.1	0.24
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	15	0.9	0.927	1.3	0.4	0.066	0.258	0.52	0.8	1.2	1.24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	15	0.1	0.081	0.15	0.005	0.002	0.046	0.017	0.025	0.1	0.15
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	15	1130.	1269.667	1990.	940.	93390.952	305.599	976.	1015.	1480.	1804.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	15	208.	234.4	376.	176.	3941.257	62.779	179.6	188.	256.	356.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	15	154.	166.267	255.	122.	1444.638	38.008	126.2	135.	197.	227.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	15	375.	362.933	495.	264.	5348.067	73.13	264.6	290.	415.	474.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	15	10.	10.	12.	7.	2.143	1.464	7.6	9.	11.	12.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	15	62.	66.867	90.	30.	250.838	15.838	45.	58.	82.	87.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	15	1690.	1735.333	2310.	1300.	135551.667	368.173	1306.	1400.	2125.	2244.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	14 ##	0.25	0.479	1.	0.25	0.099	0.314	0.25	0.25	0.775	1.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	15	2496.	2831.867	3974.	2122.	377433.981	614.357	2188.	2328.	3374.	3844.4
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14	1.	0.932	2.	0.25	0.339	0.583	0.25	0.438	1.125	2.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	0.5	0.536	1.	0.5	0.018	0.134	0.5	0.5	0.5	0.75
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	5.	7.5	25.	5.	29.808	5.46	5.	5.	10.	17.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	14	0.125	0.267	1.02	0.09	0.067	0.26	0.095	0.108	0.358	0.79
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	13 ##	2.5	2.885	5.	2.5	0.881	0.939	2.5	2.5	2.5	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14	42.5	77.786	410.	10.	11310.181	106.349	12.5	20.	75.	300.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14	15.	15.643	40.	2.5	107.132	10.35	2.5	8.	20.	35.

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

Annual Analysis for 1983 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	8	9.6	11.663	28.4	1.	99.02	9.951	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	10	1.25	6.38	27.3	0.	111.542	10.561	0.	0.15	10.45	27.07
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	9	15.8	11.233	18.3	2.	47.275	6.876	2.	2.8	16.45	18.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	9	2225.	2157.222	3325.	1320.	324088.194	569.287	1320.	1697.5	2350.	3325.
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	9	8.	10.	19.	4.	25.5	5.05	4.	5.5	14.	19.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	9	225.	234.667	302.	189.	1029.5	32.086	189.	216.	251.5	302.
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	9	274.	286.222	368.	230.	1528.444	39.095	230.	264.	307.	368.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	9	22.	29.333	139.	0.	1846.	42.965	0.	2.	31.	139.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	9	0.1	0.175	0.5	0.025	0.027	0.163	0.025	0.05	0.3	0.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	9	1.	1.011	1.5	0.4	0.089	0.298	0.4	0.9	1.15	1.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	9	0.06	0.061	0.16	0.02	0.002	0.043	0.02	0.025	0.075	0.16
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	9	860.	868.889	1490.	500.	94986.111	308.198	500.	595.	1030.	1490.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	9	172.	182.889	276.	112.	3229.111	56.825	112.	139.	228.	276.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	9	104.	100.667	195.	54.	1804.5	42.479	54.	62.	112.	195.
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	9	225.	233.444	429.	115.	10194.528	100.968	115.	140.	296.	429.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	9	7.	7.556	13.	5.	5.028	2.242	5.	6.5	8.	13.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	9	42.	42.111	80.	22.	327.111	18.086	22.	27.	50.5	80.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	9	990.	1018.333	2000.	400.	238006.25	487.859	400.	597.5	1277.5	2000.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	9 ##	0.25	0.517	1.	0.25	0.121	0.348	0.25	0.25	0.95	1.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	9	1808.	1845.	3272.	976.	526554.	725.64	976.	1206.5	2271.	3272.
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	9	2.	2.111	6.	1.	2.424	1.557	1.	1.	2.25	6.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	9	0.1	0.101	0.19	0.025	0.005	0.069	0.025	0.025	0.165	0.19
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	9 ##	0.5	0.556	1.	0.5	0.028	0.167	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	9	0.4	0.382	0.62	0.07	0.032	0.179	0.07	0.23	0.515	0.62
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	9	95.	178.889	800.	15.	58679.861	242.239	15.	60.	192.5	800.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	9 ##	1.	1.111	2.	1.	0.111	0.333	1.	1.	1.	2.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	9	5.	7.5	20.	2.5	39.063	6.25	2.5	2.5	12.5	20.

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Annual Analysis for 1984 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	14	2.	7.657	21.9	0.2	77.787	8.82	0.2	0.7	18.7	21.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	12	1.5	3.833	15.	0.	28.821	5.368	0.	1.	4.	15.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	14	16.6	27.014	80.3	6.	660.577	25.702	6.	9.5	43.9	80.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	14	2015.	2173.571	3120.	1510.	301805.495	549.368	1510.	1770.	2750.	3120.
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	14	6.	10.714	24.	3.	66.374	8.147	3.	4.	21.	24.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	14	192.	249.857	430.	162.	11174.286	105.708	162.	166.	382.	430.
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	14	234.	304.571	524.	198.	16612.571	128.89	198.	202.	466.	524.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	7	15.	24.	54.	6.	328.333	18.12	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	14	0.3	0.328	0.7	0.025	0.073	0.27	0.025	0.1	0.7	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	14	1.1	1.329	3.8	0.5	1.196	1.094	0.5	0.6	1.3	3.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	14	0.06	0.053	0.1	0.02	0.001	0.027	0.02	0.03	0.07	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	14	740.	855.714	1380.	550.	83810.989	289.501	550.	660.	1160.	1380.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	14	148.	175.429	280.	120.	3847.033	62.024	120.	120.	248.	280.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	14	90.	101.429	165.	61.	1163.341	34.108	61.	75.	131.	165.
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	14	194.	234.143	376.	138.	6392.132	79.951	138.	180.	310.	376.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	14	6.	6.714	9.	5.	1.758	1.326	5.	6.	8.	9.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	14	45.	46.286	85.	20.	435.912	20.879	20.	28.	60.	85.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	14	980.	1023.	1527.	565.	101144.	318.031	565.	790.	1308.	1527.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	14 ##	0.25	1.129	3.7	0.25	1.81	1.345	0.25	0.25	2.5	3.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	7	1588.	1822.	2820.	1112.	371286.667	609.333	**	**	**	**

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Annual Analysis for 1984 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14	1.	1.179	2.	0.25	0.283	0.532	0.25	1.	1.5	2.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	14 ##	0.025	0.035	0.07	0.025	0.	0.017	0.025	0.025	0.05	0.07
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14	10.	12.143	20.	5.	52.747	7.263	5.	5.	20.	20.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	14	0.43	0.419	0.72	0.13	0.045	0.213	0.13	0.21	0.66	0.72
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14	120.	144.286	300.	45.	7510.989	86.666	45.	75.	200.	300.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	0.05	0.057	0.1	0.05	0.	0.018	0.05	0.05	0.05	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14 ##	1.	1.143	2.	1.	0.132	0.363	1.	1.	1.	2.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	14	15.	17.857	40.	5.	129.67	11.387	5.	10.	25.	40.

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Annual Analysis for 1985 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	11	14.5	13.491	27.5	1.	81.373	9.021	1.4	6.	21.7	27.02
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	12	3.25	3.967	11.2	0.	15.119	3.888	0.	0.25	7.525	10.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	12	23.5	58.258	240.	1.	6261.641	79.131	3.52	11.775	71.25	228.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	12	2260.	2195.417	3625.	1060.	453074.811	673.108	1130.5	1740.	2522.5	3329.5
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	12	2.	3.667	8.	2.	4.97	2.229	2.	2.	5.	7.7
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	12	171.	187.417	318.	123.	3669.72	60.578	125.7	139.5	233.75	301.8
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	12	209.	228.833	387.	150.	5417.97	73.607	153.6	170.5	285.75	367.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	12	51.	107.417	540.	0.	23729.902	154.045	4.5	18.5	147.5	452.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	12 ##	0.05	0.113	0.3	0.025	0.01	0.1	0.033	0.05	0.183	0.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	12	1.2	1.083	2.	0.3	0.274	0.524	0.3	0.575	1.275	1.91
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	12	0.06	0.063	0.09	0.01	0.001	0.024	0.019	0.05	0.087	0.09
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	12	927.	819.333	1360.	390.	90742.606	301.235	393.3	502.75	980.25	1284.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	12	180.5	164.75	276.	79.	3014.932	54.908	80.5	116.75	192.25	251.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	12	115.5	107.	163.	42.	1398.364	37.395	44.1	79.75	121.75	162.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	12	269.5	236.217	393.	9.6	9790.672	98.948	45.42	177.75	291.	363.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	12	9.5	8.908	12.9	4.	6.555	2.56	4.6	7.	11.	12.33
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	12	43.5	42.25	75.	22.	184.023	13.565	23.8	31.25	46.75	67.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	12	1133.	1027.	1728.	418.	132080.727	363.429	442.6	774.75	1213.75	1598.1
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	12	2.	1.792	3.5	0.25	1.544	1.242	0.25	0.25	2.5	3.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	12	1908.	1795.833	3102.	764.	394398.879	628.012	802.4	1315.5	2097.	2811.6
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	0.75	0.688	1.5	0.25	0.195	0.441	0.25	0.25	1.	1.35
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	12 ##	0.025	0.03	0.06	0.01	0.	0.015	0.015	0.025	0.025	0.06
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12 ##	10.	10.833	20.	10.	8.333	2.887	10.	10.	10.	17.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	12	0.375	0.442	1.1	0.19	0.059	0.243	0.211	0.283	0.535	0.953
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12	120.	152.917	490.	55.	14911.174	122.111	55.	65.	190.	419.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12 ##	0.05	0.079	0.2	0.05	0.003	0.058	0.05	0.05	0.088	0.2
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	12 ##	5.	9.167	25.	5.	40.152	6.337	5.	5.	13.75	22.

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Annual Analysis for 1986 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	9	13.7	14.011	29.9	1.1	85.076	9.224	1.1	6.25	21.2	29.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	11	2.3	8.664	48.9	0.	198.881	14.103	0.2	1.1	9.	42.12
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	10	18.	21.	64.	6.5	275.833	16.608	6.8	9.875	24.	60.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	10	2020.	2232.5	4240.	1425.	559201.389	747.798	1475.5	1941.25	2282.5	4045.
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	10	6.	6.6	16.	2.	19.378	4.402	2.	2.75	8.75	15.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	10	207.5	223.4	426.	180.	5260.489	72.529	180.3	189.	216.5	405.2
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	10	256.5	273.6	520.	220.	7785.822	88.237	220.4	231.5	263.75	494.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	10	39.	41.5	130.	12.	1161.167	34.076	12.5	17.	47.25	122.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	10 ##	0.05	0.087	0.3	0.025	0.006	0.079	0.028	0.05	0.1	0.28
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	10	1.	0.955	2.1	0.05	0.31	0.557	0.085	0.55	1.225	2.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	10	0.07	0.07	0.12	0.03	0.001	0.029	0.031	0.048	0.093	0.118
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	10	773.5	802.24	1725.	410.2	134103.5	366.201	411.1	557.8	861.5	1640.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	10	159.	175.29	336.	137.	3369.33	58.046	137.89	145.975	171.25	320.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	10	103.5	108.43	215.	63.	1612.493	40.156	65.4	90.	108.325	205.03
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	10	229.	246.1	570.	125.	14356.1	119.817	131.2	190.75	247.5	538.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	10	7.	8.2	19.	6.	15.511	3.938	6.	6.	8.25	18.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	10	38.5	42.65	100.	22.	460.447	21.458	22.6	31.75	45.	94.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	10	958.	1074.8	2220.	580.	184985.289	430.099	608.8	922.	1093.	2111.2
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	10	1.75	1.95	4.	0.25	2.122	1.457	0.25	0.438	3.625	4.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	10	1710.	1908.4	4062.	1154.	618513.6	786.456	1192.2	1603.5	1898.	3845.6
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	10 ##	0.375	1.025	4.	0.25	1.423	1.193	0.25	0.25	1.5	3.75
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	10	0.055	0.061	0.12	0.025	0.001	0.038	0.025	0.025	0.093	0.12
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	10 ##	0.5	0.85	2.	0.5	0.392	0.626	0.5	0.5	1.25	2.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	10 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	10	0.56	0.67	1.47	0.29	0.134	0.366	0.297	0.413	0.88	1.432
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	10	155.	200.8	430.	60.	16962.844	130.241	60.5	87.5	332.75	421.7
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	10 ##	0.05	0.057	0.1	0.05	0.	0.016	0.05	0.05	0.055	0.097
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	10	12.5	13.3	30.	5.	57.789	7.602	5.	7.25	16.25	29.

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Annual Analysis for 1987 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	6	21.35	20.017	29.8	3.8	87.142	9.335	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	6	5.25	5.765	14.89	0.3	25.754	5.075	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	7	29.	30.6	75.	1.2	527.32	22.963	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	7	2420.	2300.429	3150.	1215.	493314.619	702.364	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	7	4.	4.	7.	2.	4.333	2.082	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	7	162.	174.143	253.	118.	3242.143	56.94	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	7	197.	212.857	309.	145.	4796.476	69.257	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	7	63.	92.143	348.	0.	13667.143	116.907	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	7 ##	0.025	0.133	0.48	0.025	0.034	0.183	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	7	0.9	2.9	11.7	0.6	16.733	4.091	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	7	0.11	0.133	0.32	0.05	0.008	0.088	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	7	826.8	721.686	1107.7	220.5	101974.991	319.335	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	7	150.	137.286	190.	90.	1608.238	40.103	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	7	130.	116.	160.	52.	1584.	39.799	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	7	250.	264.286	440.	130.	10161.905	100.806	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	7	7.	6.714	10.	3.	5.571	2.36	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	7	38.7	51.286	102.5	23.	796.431	28.221	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	7	1200.	1077.143	1560.	410.	190823.81	436.834	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	7	2.5	2.75	5.5	0.25	6.5	2.55	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	7	1900.	1805.571	2468.	913.	335357.952	579.101	**	**	**	**

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Annual Analysis for 1987 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7	2.	2.8	8.	0.55	7.329	2.707	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	7	0.062	0.068	0.11	0.034	0.001	0.025	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	7	0.95	1.419	3.9	0.31	1.496	1.223	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7	120.	132.429	250.	47.	5466.286	73.934	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7 ##	0.05	0.066	0.1	0.01	0.001	0.035	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	7 ##	7.5	10.143	26.	5.	50.976	7.14	**	**	**	**

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Annual Analysis for 1988 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	5	19.4	17.78	29.6	0.	117.252	10.828	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	4	0.8	0.925	2.1	0.	0.783	0.885	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	5	26.	43.82	130.	4.1	2448.212	49.479	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	5	2517.	2475.6	3620.	1320.	664223.3	814.999	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	5	4.	7.	22.	2.	71.	8.426	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	5	145.	197.8	455.	112.	21133.7	145.374	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	5	177.	241.6	556.	136.	31577.3	177.7	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	5	43.	40.	73.	0.	708.5	26.618	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	5 ##	0.025	0.061	0.16	0.025	0.003	0.059	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	5	1.1	1.14	1.6	0.7	0.113	0.336	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	5	0.06	0.066	0.15	0.02	0.003	0.051	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	5	984.	1011.58	1671.2	525.8	173115.952	416.072	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	5	180.	190.4	340.	92.	8450.8	91.928	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	5	130.	130.4	200.	72.	2090.8	45.725	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	5	260.	264.	390.	150.	7280.	85.323	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	5	8.	7.6	9.	5.	2.3	1.517	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	5	40.9	42.18	63.	24.	197.762	14.063	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	5	1300.	1288.	1900.	640.	203720.	451.354	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	5	2.5	2.4	6.5	0.25	6.519	2.553	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	5	2160.	2149.6	3400.	1122.	671630.8	819.531	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5	1.5	1.7	3.	0.5	1.075	1.037	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	5	0.1	0.093	0.14	0.057	0.001	0.036	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	2.5	3.	5.	2.5	1.25	1.118	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	5	0.66	0.612	0.9	0.23	0.06	0.244	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5	160.	145.2	190.	66.	2285.2	47.804	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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Annual Analysis for 1989 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	8	12.35	13.188	31.	0.3	127.976	11.313	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	6	4.275	4.275	6.2	2.2	2.544	1.595	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	8	22.	25.625	72.	5.	440.554	20.989	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	8	2542.5	2691.625	3720.	2280.	200920.268	448.241	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	8	3.	3.125	5.	1.	1.554	1.246	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	8	171.5	175.625	228.	114.	1720.554	41.48	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	8	209.5	214.375	278.	139.	2549.982	50.497	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	8	46.5	54.875	159.	12.	2224.125	47.161	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	8 ##	0.025	0.034	0.05	0.025	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	8	1.	1.063	1.6	0.7	0.068	0.262	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	8	0.032	0.044	0.161	0.003	0.003	0.051	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	8	934.75	1029.5	1578.8	826.8	56835.64	238.402	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	8	180.	190.	270.	150.	1457.143	38.173	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	8	120.	135.	220.	110.	1314.286	36.253	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	8	270.	283.75	430.	230.	3883.929	62.321	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	8	7.5	7.375	9.	5.	1.982	1.408	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	8	40.3	40.513	49.1	34.5	28.038	5.295	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	8	1200.	1337.5	2000.	1100.	85535.714	292.465	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	9	3.	5.728	14.	0.55	25.192	5.019	0.55	2.25	11.25	14.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	8	2081.	2305.	3436.	1946.	247010.286	497.001	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	8 ##	2.25	2.069	5.	0.5	2.152	1.467	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	8	0.078	0.081	0.13	0.028	0.001	0.03	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	8	0.59	0.719	1.8	0.28	0.24	0.49	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	8	115.	154.625	390.	50.	14403.696	120.015	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	8 ##	10.	11.625	23.	10.	21.125	4.596	**	**	**	**

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Annual Analysis for 1990 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	5	16.2	14.98	23.4	7.6	51.262	7.16	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	6	1.75	2.133	5.	0.	3.695	1.922	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	5	53.	67.04	135.	9.2	3342.708	57.816	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	5	2330.	2545.	3305.	1825.	358762.5	598.968	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	5	6.	5.8	8.	3.	3.7	1.924	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	5	156.	161.4	199.	121.	1030.3	32.098	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	5	191.	197.2	243.	148.	1542.7	39.277	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	5	119.	172.6	372.	14.	25287.8	159.021	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	5 ##	0.025	0.085	0.23	0.025	0.008	0.091	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	4	1.8	2.425	5.	1.1	3.223	1.795	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	5	0.094	0.138	0.276	0.025	0.014	0.119	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	5	926.6	1005.78	1323.2	661.5	66532.392	257.939	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	5	190.	196.	250.	120.	2480.	49.8	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	5	110.	125.6	170.	88.	1116.8	33.419	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	5	220.	258.	360.	200.	4820.	69.426	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	5	8.	7.8	9.	6.	1.7	1.304	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	4	49.9	47.125	57.4	31.3	123.803	11.127	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	5	1200.	1127.4	1800.	207.	404148.8	635.727	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	5	3.	4.	12.	1.	21.	4.583	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	5	2068.	2267.6	3054.	1484.	385572.8	620.945	**	**	**	**

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Annual Analysis for 1990 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	5	0.07	0.065	0.073	0.055	0.	0.009	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	10.	13.4	27.	10.	57.8	7.603	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	5	1.7	2.538	5.9	0.32	5.547	2.355	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5	160.	190.6	410.	73.	17371.8	131.802	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	5 ##	10.	20.6	39.	10.	213.8	14.622	**	**	**	**

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Annual Analysis for 1991 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	11	11.	12.7	28.6	3.	40.398	6.356	4.5	11.	13.	26.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	5	1.6	2.52	5.	0.7	3.947	1.987	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	6	21.5	29.15	70.	6.9	493.455	22.214	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	6	2285.	2580.	4340.	1880.	782360.	884.511	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	6	7.5	11.667	35.	4.	137.467	11.725	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	6	207.	263.	569.	178.	22712.4	150.706	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	6	253.5	321.333	694.	217.	33700.667	183.577	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	6	50.5	55.333	134.	10.	1894.267	43.523	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	6	0.08	0.099	0.23	0.025	0.005	0.069	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	6	0.85	0.85	1.05	0.7	0.016	0.126	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	6	0.062	0.062	0.093	0.03	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	6	934.75	1083.733	1994.2	728.1	209469.491	457.678	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	6	185.	218.333	420.	150.	10056.667	100.283	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	6	115.	131.	230.	86.	2566.	50.656	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	6	235.	260.	430.	190.	7360.	85.79	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	6	9.05	9.333	12.	7.9	2.335	1.528	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	6	37.55	43.45	77.4	32.8	283.351	16.833	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	6	1150.	1298.333	2200.	890.	213616.667	462.187	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	10	5.	4.5	10.	2.5	5.278	2.297	2.5	2.5	5.	9.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	6	1993.	2293.333	4126.	1562.	853770.667	923.997	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	6	0.069	0.072	0.12	0.026	0.001	0.034	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	6	1.	1.063	2.2	0.51	0.374	0.612	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	2.5	4.583	15.	2.5	26.042	5.103	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6	145.	144.5	220.	76.	3991.1	63.175	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	6 ##	10.	11.833	21.	10.	20.167	4.491	**	**	**	**

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Annual Analysis for 1992 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	6	16.15	14.65	20.4	6.8	25.695	5.069	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	6	1.835	2.945	7.	0.5	6.247	2.499	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	7	33.	51.857	175.	19.	3004.143	54.81	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	7	2580.	2550.429	3320.	1350.	399674.619	632.198	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	7	7.	7.429	17.	3.	21.619	4.65	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	7	200.	240.143	469.	155.	11745.81	108.378	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	7	244.	293.143	572.	190.	17416.143	131.97	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	7	98.	148.571	501.	53.	24743.286	157.3	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	7	0.16	0.201	0.481	0.025	0.028	0.167	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	7	1.01	1.27	2.94	0.44	0.703	0.839	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	7	0.085	0.167	0.526	0.061	0.029	0.169	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	7	1058.8	1014.	1324.5	513.1	64547.14	254.061	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	7	210.	204.286	300.	110.	3128.571	55.934	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	7	130.	122.571	170.	58.	1166.286	34.151	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	7	250.	262.857	410.	130.	6990.476	83.609	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	7	7.9	7.757	9.8	4.3	3.633	1.906	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	7	43.9	49.508	73.	23.5	268.476	16.385	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	7	1417.8	1269.673	1800.	560.	171443.15	414.057	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	3 ##	2.5	10.	25.	2.5	168.75	12.99	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	7	2328.	2227.429	2922.	1054.	376599.619	613.677	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	3	0.043	0.053	0.081	0.036	0.001	0.024	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	3 ##	2.5	5.	10.	2.5	18.75	4.33	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	3	20.	18.	24.	10.	52.	7.211	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	3	1.4	3.433	7.6	1.3	13.023	3.609	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	3	120.	200.	370.	110.	21700.	147.309	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	3 ##	10.	24.667	54.	10.	645.333	25.403	**	**	**	**

** - Less 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 #1: 9/01 to 2/29 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	55	8.	8.669	23.8	0.	47.685	6.905	0.62	2.	13.	19.76
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	46	1.8	3.804	27.3	0.	29.074	5.392	0.	0.675	5.625	12.34
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	54	9.6	13.313	72.	1.	177.011	13.305	2.2	4.25	18.075	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/21/80-10/28/92	47	2550.	2483.17	4480.	350.	695399.144	833.906	1405.2	2100.	2950.	3548.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	54	2649.	2760.222	4340.	1510.	510686.591	714.623	1947.5	2247.5	3298.75	3810.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/24/84-10/28/92	28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	03/20/80-10/28/92	38	7.95	8.666	26.7	3.8	18.23	4.27	4.64	6.45	10.05	12.77
00335	COD, .025N K2CR2O7 MG/L	02/21/80-06/27/90	34	31.5	31.059	130.	5.	418.481	20.457	7.	23.75	36.25	39.
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	54	5.5	8.167	35.	2.	54.896	7.409	2.5	3.75	10.	20.5
00406	PH, FIELD, STANDARD UNITS SU	03/20/80-10/28/92	37	7.6	7.605	8.3	6.5	0.224	0.474	6.68	7.4	7.95	8.12
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/20/80-10/28/92	37	7.6	7.302	8.3	6.5	0.319	0.565	6.68	7.4	7.95	8.12
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/20/80-10/28/92	37	0.025	0.05	0.316	0.005	0.006	0.077	0.008	0.011	0.04	0.21
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	54	214.5	237.333	569.	90.	10602.717	102.969	144.5	166.	260.25	413.
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	54	261.5	289.815	694.	110.	15798.833	125.693	176.	202.75	317.5	504.
00445	CARBONATE ION (MG/L AS CO3)	07/02/80-10/28/92	28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	49	15.	29.694	159.	0.	1430.634	37.824	0.	6.5	40.5	84.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	54	0.08	0.147	1.1	0.025	0.041	0.201	0.025	0.05	0.148	0.315
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	30 ##	0.005	0.03	0.34	0.005	0.005	0.07	0.005	0.005	0.025	0.093
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	29	0.07	0.167	1.3	0.01	0.07	0.265	0.02	0.025	0.13	0.45
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	53	0.9	1.029	5.	0.3	0.58	0.762	0.464	0.7	1.1	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/21/80-10/01/91	23	0.1	0.175	0.65	0.01	0.031	0.177	0.01	0.025	0.3	0.43
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	54	0.055	0.065	0.254	0.02	0.002	0.047	0.022	0.03	0.081	0.136
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/21/80-06/27/90	34	11.5	14.338	66.5	4.5	124.696	11.167	7.45	8.8	14.925	26.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	54	1013.3	1088.87	1994.2	410.2	139194.628	373.088	605.	859.25	1342.5	1635.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	54	192.	217.48	420.	120.	4981.581	70.58	132.	169.25	270.5	326.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	54	130.	138.209	255.	61.	1847.64	42.984	97.	106.75	164.75	199.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	54	287.5	316.944	1000.	138.	17855.903	133.626	194.	229.5	390.75	430.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	54	8.	8.681	19.	5.	6.65	2.579	6.	7.	10.25	12.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	53	50.	54.873	100.	20.	367.882	19.18	31.2	38.85	71.5	83.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	54	1308.	1393.646	2310.	207.	232557.573	482.242	869.955	1038.75	1758.5	2112.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	56	1.	2.462	25.	0.25	15.042	3.878	0.25	0.313	2.875	5.15
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	50	2332.	2474.24	4126.	1112.	544552.594	737.938	1700.4	1892.	3019.5	3554.8
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/21/80-04/06/88	30	0.01	0.021	0.18	0.003	0.001	0.033	0.005	0.005	0.021	0.05
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	52 ##	1.	1.184	5.	0.25	1.043	1.021	0.25	0.5	1.875	2.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	52 ##	0.034	0.054	0.19	0.025	0.002	0.041	0.025	0.025	0.07	0.117
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	52 ##	0.5	0.587	2.	0.5	0.095	0.309	0.5	0.5	0.5	0.85
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	52 ##	2.5	2.712	11.	2.5	1.494	1.222	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	52 ##	10.	9.519	25.	5.	23.784	4.877	5.	5.	10.	20.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	52	0.365	0.487	1.8	0.09	0.155	0.394	0.11	0.195	0.65	1.06
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	51 ##	2.5	2.745	10.	2.5	1.314	1.146	2.5	2.5	2.5	2.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	52	82.5	125.538	800.	5.	19670.057	140.25	20.	45.	140.	300.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	52 ##	0.05	0.103	1.9	0.05	0.065	0.256	0.05	0.05	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	52 ##	1.	1.192	10.	1.	1.57	1.253	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	52	10.	16.346	55.	2.5	139.446	11.809	5.	10.	20.75	37.

** - Less 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: 3/01 to 5/31 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	40	10.85	11.295	22.7	1.	49.539	7.038	1.46	5.175	18.	20.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	36	1.5	2.142	9.	0.	4.42	2.102	0.07	0.35	3.888	5.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	41	23.	42.649	240.	1.	3163.246	56.243	2.02	7.75	42.95	134.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/21/80-10/28/92	29	2380.	2298.034	3490.	367.	529944.677	727.973	1260.	1835.5	2900.	3200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	42	2377.5	2309.738	3320.	1060.	419622.93	647.783	1320.	1770.	2832.5	3157.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/24/84-10/28/92	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	03/20/80-10/28/92	28	6.9	7.782	20.6	2.6	15.24	3.904	4.27	5.525	9.475	12.86

** - Less 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: 3/01 to 5/31 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	02/21/80-06/27/90	28	34.5	36.071	70.	7.	221.032	14.867	19.6	28.25	40.	64.5
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	42	6.	6.714	21.	2.	18.843	4.341	2.	3.75	8.	11.
00406	PH, FIELD, STANDARD UNITS SU	03/20/80-10/28/92	29	7.7	7.71	8.6	7.	0.179	0.423	7.1	7.35	8.	8.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/20/80-10/28/92	29	7.7	7.53	8.6	7.	0.213	0.461	7.1	7.35	8.	8.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/20/80-10/28/92	29	0.02	0.03	0.1	0.003	0.001	0.027	0.005	0.01	0.045	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	42	191.5	205.881	430.	114.	3877.864	62.272	152.9	183.5	210.25	270.3
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	42	234.	251.238	524.	140.	5746.722	75.807	187.2	223.5	257.25	329.7
00445	CARBONATE ION (MG/L AS CO3)	07/02/80-10/28/92	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	38	33.5	77.289	540.	0.	17576.103	132.575	0.	14.	65.	350.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	42	0.1	0.168	0.8	0.025	0.04	0.199	0.025	0.05	0.185	0.481
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	25 ##	0.02	0.031	0.21	0.005	0.003	0.055	0.005	0.005	0.025	0.099
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	25	0.12	0.297	3.25	0.005	0.436	0.66	0.008	0.025	0.295	0.73
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	42	1.055	1.575	11.7	0.05	3.44	1.855	0.7	0.8	1.3	3.65
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/21/80-10/01/91	16	0.175	0.446	3.25	0.01	0.637	0.798	0.021	0.07	0.413	1.78
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	42	0.06	0.1	0.8	0.003	0.021	0.146	0.02	0.03	0.093	0.238
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/21/80-06/27/90	28	11.05	14.318	40.4	6.1	59.138	7.69	7.68	9.8	17.875	26.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	42	900.85	873.462	1380.	220.5	88763.367	297.932	476.48	651.125	1111.25	1308.74
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	42	179.	177.738	312.	79.	3474.442	58.944	91.3	139.5	222.	264.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	42	110.	108.357	170.	42.	1510.772	38.869	52.6	75.	140.	164.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	42	251.	257.824	440.	9.6	9356.348	96.728	130.	191.5	336.25	405.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	42	8.5	8.59	25.	1.	15.218	3.901	4.51	6.	11.25	12.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	42	44.5	52.043	280.	22.	1558.355	39.476	23.65	33.975	60.	73.7
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	42	1161.	1113.619	1800.	400.	164833.12	405.996	518.	790.	1500.	1693.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	41 ##	0.5	1.521	12.5	0.25	5.162	2.272	0.25	0.25	2.5	3.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	39	1914.	1931.308	3054.	764.	409149.429	639.648	976.	1480.	2454.	2824.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/21/80-04/06/88	25	0.02	0.031	0.19	0.003	0.002	0.039	0.005	0.008	0.035	0.074
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	40	1.	1.329	4.	0.25	0.809	0.9	0.5	0.513	2.	2.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	40 ##	0.025	0.038	0.11	0.025	0.001	0.023	0.025	0.025	0.05	0.079
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	40 ##	0.5	0.538	1.	0.5	0.018	0.133	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	40 ##	2.5	2.688	10.	2.5	1.406	1.186	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	40 ##	10.	9.675	27.	5.	27.097	5.205	5.	5.	10.	19.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	41	0.45	0.929	7.6	0.07	2.234	1.495	0.184	0.3	0.81	1.94
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	40 ##	2.5	3.125	15.	2.5	4.407	2.099	2.5	2.5	2.5	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	40	110.	143.5	490.	15.	14312.359	119.634	26.	51.	200.	345.1
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	39 ##	0.05	0.071	0.2	0.05	0.001	0.032	0.05	0.05	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	40 ##	1.	1.05	2.	1.	0.049	0.221	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	40	10.	17.225	55.	2.5	220.871	14.862	5.	8.25	19.5	45.

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/80-10/28/92	23	23.	24.017	31.	17.7	18.115	4.256	18.	20.8	28.4	29.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/21/80-10/28/92	21	4.3	7.066	48.9	0.	127.264	11.281	0.12	0.45	7.4	22.978
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/80-10/28/92	24	20.5	29.829	120.	0.7	787.476	28.062	5.15	11.325	34.5	75.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/21/80-10/28/92	19	2360.	2289.737	3350.	1250.	391328.871	625.563	1300.	1893.	2700.	3330.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/80-10/28/92	24	2485.	2444.833	3780.	1425.	358765.884	598.971	1577.5	2010.	2776.5	3412.5
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/24/84-10/28/92	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	03/20/80-10/28/92	18	7.	7.033	11.1	3.	5.388	2.321	3.9	5.3	9.125	10.2
00335	COD, .025N K2CR2O7 MG/L	02/21/80-06/27/90	17	31.	31.412	48.	7.	129.632	11.386	16.6	23.	41.	48.
00405	CARBON DIOXIDE (MG/L AS CO2)	02/21/80-10/28/92	24	4.	4.708	12.	1.	10.129	3.183	1.	2.	7.5	9.5
00406	PH, FIELD, STANDARD UNITS SU	03/20/80-10/28/92	18	7.95	7.833	8.6	6.6	0.352	0.593	6.78	7.45	8.325	8.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/20/80-10/28/92	18	7.947	7.412	8.6	6.6	0.539	0.734	6.78	7.45	8.325	8.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/20/80-10/28/92	18	0.011	0.039	0.251	0.003	0.004	0.066	0.003	0.005	0.036	0.168
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	24	149.5	161.292	238.	103.	1634.911	40.434	116.	125.	201.75	219.
00440	BICARBONATE ION (MG/L AS HCO3)	02/21/80-10/28/92	24	182.5	196.292	290.	126.	2373.172	48.715	142.	153.	246.25	268.

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445	CARBONATE ION (MG/L AS CO3)	07/02/80-10/28/92	18	0.	0.556	8.	0.	3.673	1.917	0.	0.	0.	2.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/21/80-10/28/92	24	50.5	76.375	308.	0.	5716.853	75.61	9.5	28.	105.	209.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/80-10/28/92	24 ##	0.05	0.099	0.3	0.025	0.007	0.087	0.025	0.031	0.145	0.265
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	14 ##	0.018	0.034	0.17	0.005	0.002	0.048	0.005	0.005	0.036	0.135
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/21/80-04/06/88	14	0.105	0.196	0.53	0.005	0.035	0.187	0.008	0.024	0.365	0.49
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/80-10/28/92	24	1.1	1.144	2.1	0.3	0.154	0.393	0.8	0.9	1.3	1.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/21/80-10/01/91	7	0.3	0.321	0.76	0.025	0.072	0.267	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/80-10/28/92	24	0.085	0.079	0.234	0.003	0.003	0.053	0.008	0.036	0.1	0.14
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/21/80-06/27/90	17	10.4	11.6	16.9	7.5	8.814	2.969	8.54	9.3	14.35	16.58
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/80-10/28/92	24	950.95	957.708	1480.	550.	58081.4	241.001	587.	800.25	1105.775	1325.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/80-10/28/92	24	180.5	180.417	248.	128.	1161.558	34.082	134.5	151.25	207.5	228.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/80-10/28/92	24	125.	123.208	209.	56.	1569.563	39.618	60.5	100.5	147.5	185.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/80-10/28/92	24	259.5	264.375	495.	115.	9102.245	95.406	127.	197.75	298.25	432.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/80-10/28/92	24	9.	9.067	13.	5.	4.137	2.034	6.5	7.25	10.75	11.95
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/80-10/28/92	24	43.45	46.342	102.5	22.	421.369	20.527	24.5	34.625	49.275	85.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/80-10/28/92	24	1207.5	1244.742	2200.	545.	185539.967	430.744	574.5	970.	1515.	1940.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	02/21/80-04/21/92	21	2.5	2.94	14.	0.25	11.599	3.406	0.25	0.375	3.5	9.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/80-10/28/92	24	2083.	2098.625	3500.	1093.	389367.288	623.993	1131.	1681.5	2441.	3104.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/21/80-04/06/88	14	0.035	0.039	0.09	0.005	0.	0.022	0.008	0.03	0.045	0.08
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	21	2.	2.452	8.	0.5	3.148	1.774	1.	1.25	2.5	5.7
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	21	0.07	0.066	0.15	0.01	0.002	0.044	0.025	0.025	0.104	0.136
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	21 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	21 ##	2.5	3.095	15.	2.5	7.44	2.728	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	21 ##	10.	9.905	20.	5.	13.19	3.632	5.	10.	10.	16.4
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/21/80-04/21/92	22	0.56	0.841	4.	0.22	0.693	0.833	0.31	0.395	0.905	1.981
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	21 ##	2.5	2.738	5.	2.5	0.565	0.752	2.5	2.5	2.5	4.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	21	115.	125.476	250.	35.	4454.062	66.739	41.	60.5	185.	216.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	22 ##	0.05	0.073	0.2	0.01	0.002	0.039	0.05	0.05	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	21 ##	1.	1.048	2.	1.	0.048	0.218	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/21/80-04/21/92	21 ##	10.	14.81	55.	2.5	195.587	13.985	5.	5.	17.5	42.8

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Station Inventory for Station: DINO0249

NPS Station ID: DINO0249
LAT/LON: 40.346115/-109.362504
Agency: 112WRD
Date Created: 08/01/87
Location: STEWART LAKE OUTFLOW
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 402046109214501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 6.20
On/Off RF1:
RF3 Index: 14060001044100.00
RF3 Mile Point: 0.77
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/86-09/27/89	6	14.75	16.5	25.	9.	45.2	6.723	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	06/24/86-08/27/86	2	650.	650.	650.	650.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/24/86-09/27/89	4	1.	5.625	20.	0.5	91.896	9.586	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/86-09/27/89	7	2230.	2141.429	2680.	1510.	185714.286	430.946	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/24/86-08/27/86	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	06/24/86-09/27/89	9	7.7	7.756	8.2	7.3	0.078	0.279	7.3	7.6	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	06/24/86-09/27/89	9	7.7	7.68	8.2	7.3	0.084	0.29	7.3	7.6	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/86-09/27/89	9	0.02	0.021	0.05	0.006	0.	0.013	0.006	0.01	0.025	0.05
00403	PH, LAB, STANDARD UNITS SU	04/05/88-03/22/89	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/05/88-03/22/89	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-03/22/89	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-03/22/89	2	106.	106.	120.	92.	392.	19.799	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-03/22/89	2	69.	69.	70.	68.	2.	1.414	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-03/22/89	2	150.	150.	150.	150.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-03/22/89	2	4.85	4.85	5.	4.7	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-03/22/89	2	22.5	22.5	23.	22.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-03/22/89	2	700.	700.	750.	650.	5000.	70.711	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-03/22/89	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-03/22/89	2	1.	1.	1.5	0.5	0.5	0.707	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/24/86-04/05/88	3	2.	2.	2.	2.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/27/86-04/05/88	2	129.5	129.5	200.	59.	9940.5	99.702	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/24/86-04/05/88	4	430.	435.	620.	260.	24033.333	155.027	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/24/86-04/05/88	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/24/86-04/05/88	3 ##	5.	3.667	5.	1.	5.333	2.309	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/24/86-04/05/88	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/24/86-04/05/88	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/24/86-04/05/88	3	4.	4.333	7.	2.	6.333	2.517	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/24/86-04/05/88	3	3.	2.333	3.	1.	1.333	1.155	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/24/86-04/05/88	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	06/24/86-04/05/88	3	1.	1.167	2.	0.5	0.583	0.764	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/24/86-04/05/88	4	15.	25.375	70.	1.5	942.229	30.696	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/24/86-04/26/89	6	6.	5.833	7.	4.	1.367	1.169	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/04/87-10/24/88	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/01/87-04/01/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	06/24/86-08/27/86	2	16.6	16.6	25.	8.2	141.12	11.879	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	06/24/86-08/27/86	2	3.7	3.7	4.4	3.	0.98	0.99	**	**	**	**
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/24/86-08/27/86	2 ##	0.225	0.225	0.4	0.05	0.061	0.247	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	06/24/86-04/05/88	3	15.	21.333	37.	12.	186.333	13.65	**	**	**	**

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

Parameter Inventory for Station: DINO0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/27/86-08/27/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/27/86-08/27/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	08/27/86-08/27/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/27/86-08/27/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/27/86-08/27/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/27/86-08/27/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/27/86-08/27/86	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

Parameter Inventory for Station: DINO0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/24/86-04/05/88	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	06/24/86-08/27/86	2	18.5	18.5	26.	11.	112.5	10.607	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	06/24/86-08/27/86	2	2.15	2.15	3.1	1.2	1.805	1.344	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	06/24/86-08/27/86	2	11.45	11.45	17.	5.9	61.605	7.849	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	06/24/86-08/27/86	2	3.45	3.45	4.	2.9	0.605	0.778	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/27/86-08/27/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	08/27/86-08/27/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/27/86-08/27/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/28/86-08/28/86	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: DINO0249

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			
00400	PH	Fresh Chronic	9.	9	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00				2	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				2	0	0.00						
		Drinking Water	250.	2	0	0.00				2	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00				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.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	50.	3	0	0.00				1	0	0.00	2	0	0.00			
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	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	5.	3	0	0.00				1	0	0.00	2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00				1	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	1300.	3	0	0.00				1	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	15.	3	0	0.00				1	0	0.00	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	100.	3	0	0.00				1	0	0.00	2	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	100.	3	0	0.00				1	0	0.00	2	0	0.00			
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.	6	0	0.00				4	0	0.00	2	0	0.00			
		Drinking Water	50.	6	0	0.00				4	0	0.00	2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	3	1	0.33				1	0	0.00	2	1	0.50			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
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			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	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			

& - 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: DINO0249

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	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	1	0	0.00							1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	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	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	2.	3	0	0.00				1	0	0.00	2	0	0.00			

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

Station Inventory for Station: DINO0250

NPS Station ID: DINO0250
LAT/LON: 40.341670/-109.365003
Agency: 112WRD
Date Created: 05/21/88
Location: ASHLEY CR. AT MOUTH AT THE GREEN RIVER
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402030109215401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14060001021400.00
RF3 Mile Point: 0.03
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/87-07/30/91	4	17.5	16.875	25.5	7.	95.063	9.75	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/11/87-11/04/87	2	32.5	32.5	49.	16.	544.5	23.335	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/88-07/30/91	2	2175.	2175.	2550.	1800.	281250.	530.33	**	**	**	**
00400	PH (STANDARD UNITS)	08/11/87-04/06/88	2	8.15	8.15	8.2	8.1	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/11/87-04/06/88	2	8.147	8.147	8.2	8.1	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/87-04/06/88	2	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/11/87-04/06/88	2	7.95	7.95	8.	7.9	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/11/87-04/06/88	2	7.947	7.947	8.	7.9	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/87-04/06/88	2	0.011	0.011	0.013	0.01	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/87-04/06/88	2	240.	240.	270.	210.	1800.	42.426	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/87-04/06/88	2	115.	115.	130.	100.	450.	21.213	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/87-04/06/88	2	155.	155.	170.	140.	450.	21.213	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/87-04/06/88	2	6.3	6.3	6.7	5.9	0.32	0.566	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/87-04/06/88	2	30.5	30.5	35.	26.	40.5	6.364	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/87-04/06/88	2	1125.	1125.	1300.	950.	61250.	247.487	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/87-04/06/88	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/87-04/06/88	2	14.	14.	14.	14.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/11/87-04/06/88	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/11/87-04/06/88	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/11/87-04/06/88	2	525.	525.	550.	500.	1250.	35.355	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/11/87-04/06/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/11/87-04/06/88	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/11/87-04/06/88	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/11/87-04/06/88	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/11/87-04/06/88	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/11/87-04/06/88	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/11/87-04/06/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/11/87-04/06/88	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/11/87-04/06/88	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/04/87-11/04/87	1	61.	61.	61.	61.	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/11/87-08/11/87	1	17.	17.	17.	17.	0.	0.	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	08/11/87-08/11/87	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/11/87-08/11/87	1	16.	16.	16.	16.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/11/87-08/11/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	08/11/87-08/11/87	1	43.	43.	43.	43.	0.	0.	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	08/11/87-08/11/87	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	08/11/87-08/11/87	1	11.	11.	11.	11.	0.	0.	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	08/11/87-08/11/87	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: DINO0250

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a 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			
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			
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			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00				1	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
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	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			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	1	1.00	1	1	1.00									
		Drinking Water	50.	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	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: DINO0251

NPS Station ID: DINO0251 LAT/LON: 40.361833/-109.367160 Agency: 21UTAH Date Created: 06/19/82
Location: H. AINGE DRAIN INFLOW TO STEWART L WMA FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 493726
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14060002 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: GREEN RIVER ECO Region:
RF1 Index: 14060001008 RF1 Mile Point: 1.520 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14060002015300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.42 On/Off RF3:
Description:

Parameter Inventory for Station: DINO0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/81-03/04/86	33	11.	10.255	17.	0.9	9.091	3.015	6.4	8.5	12.	13.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/11/81-03/04/86	32	0.5	0.784	2.3	0.1	0.532	0.729	0.1	0.2	1.4	1.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	35	1.	3.423	25.	0.3	27.534	5.247	0.3	0.5	4.5	11.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	35	2500.	2532.629	3480.	1460.	98446.24	313.761	2229.	2420.	2640.	2928.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/11/81-04/17/81	2	## 11.25	11.25	15.	7.5	28.125	5.303	**	**	**	**
00400	PH (STANDARD UNITS)	03/25/87-03/25/87	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/25/87-03/25/87	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/87-03/25/87	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	35	15.	17.371	44.	2.	91.829	9.583	7.	10.	24.	29.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	35	384.	370.257	406.	241.	1412.726	37.586	309.	371.	392.	396.4
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	35	468.	452.	496.	294.	2115.353	45.993	377.6	452.	480.	486.4
00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	34	0.	8.882	133.	0.	596.046	24.414	0.	0.	7.	28.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	36	## 0.05	0.044	0.1	0.025	0.001	0.024	0.025	0.025	0.05	0.093
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	36	## 0.005	0.01	0.025	0.005	0.	0.008	0.005	0.005	0.01	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	36	4.095	3.988	5.75	0.29	1.076	1.037	2.728	3.588	4.638	5.13
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	36	0.4	0.451	1.1	0.05	0.043	0.208	0.2	0.325	0.5	0.73
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/11/81-10/25/83	12	4.41	4.409	5.75	3.4	0.346	0.588	3.472	4.175	4.65	5.45
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	36	0.04	0.053	0.32	0.005	0.005	0.072	0.01	0.01	0.06	0.115
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/81-04/17/81	2	10.8	10.8	12.	9.6	2.88	1.697	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	35	1220.	1228.04	1540.	710.	19209.774	138.599	1105.2	1180.	1277.	1426.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	35	308.	304.429	392.	160.	1389.899	37.281	272.	290.	320.	344.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	35	113.	113.486	151.	75.	188.492	13.729	97.	105.	119.	134.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	34	190.	193.824	285.	83.	1524.998	39.051	161.	172.	209.75	260.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	35	6.	6.543	15.	4.	3.55	1.884	5.	6.	7.	8.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	35	24.	28.057	128.	15.	349.35	18.691	18.	20.	29.	35.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	35	1170.	1171.514	1570.	610.	28153.375	167.79	997.6	1065.	1275.	1367.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/81-07/13/82	4	0.505	1.855	6.	0.41	7.638	2.764	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/81-04/17/81	2	18.	18.	18.	18.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/26/82-10/26/82	1	## 0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/11/81-04/17/81	2	455.	455.	850.	60.	312050.	558.614	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/11/81-04/17/81	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	36	## 0.25	0.414	1.	0.25	0.054	0.233	0.25	0.25	0.5	0.93
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	33	2166.	2184.485	2736.	1176.	79739.508	282.382	1944.4	2066.	2274.	2628.4
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	35	## 0.01	0.016	0.06	0.003	0.	0.016	0.004	0.005	0.02	0.05
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36	## 0.25	0.39	1.	0.25	0.048	0.22	0.25	0.25	0.5	0.685

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

Parameter Inventory for Station: DINO0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	36 ##	0.025	0.033	0.23	0.021	0.001	0.036	0.025	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	0.5	0.653	6.	0.5	0.84	0.917	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	2.5	2.819	9.	2.5	1.459	1.208	2.5	2.5	2.5	3.25
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	5.	7.5	20.	5.	16.429	4.053	5.	5.	10.	11.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	36	0.045	0.086	0.52	0.015	0.014	0.118	0.015	0.015	0.087	0.247
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	2.5	2.986	10.	2.5	2.078	1.442	2.5	2.5	2.5	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36	257.5	277.639	695.	60.	20442.123	142.976	129.	175.	337.5	465.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-07/13/83	20 ##	5.	10.7	25.	5.	58.326	7.637	5.	5.	16.5	24.7
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	36	12.5	18.403	60.	2.5	286.212	16.918	2.5	5.75	23.75	49.5

** - 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: DINO0251

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	35	0	0.00	13	0	0.00	13	0	0.00	9	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						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	35	0	0.00	13	0	0.00	13	0	0.00	9	0	0.00			
		Drinking Water	250.	35	0	0.00	13	0	0.00	13	0	0.00	9	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	35	35	1.00	13	13	1.00	13	13	1.00	9	9	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	1	0.25				3	0	0.00	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									
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00				2	0	0.00						
		Drinking Water	100.	2	0	0.00				2	0	0.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
		Drinking Water	50.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
		Drinking Water	50.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	36	1	0.03	14	1	0.07	13	0	0.00	9	0	0.00			
		Drinking Water	5.	36	1	0.03	14	1	0.07	13	0	0.00	9	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	36	2	0.06	14	0	0.00	13	2	0.15	9	0	0.00			
		Drinking Water	1300.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
		Drinking Water	15.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
		Drinking Water	2.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	20	0	0.00	7	0	0.00	8	0	0.00	5	0	0.00			
		Drinking Water	100.	20	0	0.00	7	0	0.00	8	0	0.00	5	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
		Drinking Water	100.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			
		Drinking Water	5000.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00			

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	13	0.6	2.062	12.5	0.3	11.569	3.401	0.3	0.3	2.3	9.38
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	13	2460.	2538.077	3480.	2235.	89214.744	298.688	2301.	2420.	2545.	3144.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	13	23.	18.769	24.	9.	44.026	6.635	9.	12.	24.	24.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	13	389.	380.231	396.	321.	509.192	22.565	329.8	379.5	393.5	395.6
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	13	474.	463.769	483.	392.	754.359	27.466	402.4	463.	480.	482.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	14	0.	3.643	28.	0.	69.478	8.335	0.	0.	1.75	22.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	14 ##	0.05	0.048	0.1	0.025	0.001	0.026	0.025	0.025	0.058	0.095
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	14 ##	0.005	0.01	0.025	0.005	0.	0.008	0.005	0.005	0.014	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	14	4.235	4.131	4.7	2.83	0.283	0.532	3.115	3.935	4.613	4.675
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	14	0.4	0.407	0.8	0.1	0.022	0.149	0.2	0.375	0.425	0.65
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	14	0.033	0.04	0.15	0.006	0.001	0.038	0.008	0.01	0.06	0.105
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	13	1240.	1210.462	1325.	1080.	5476.769	74.005	1080.	1161.5	1257.5	1305.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	13	304.	300.385	322.	272.	225.256	15.009	272.	293.	310.	318.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	13	113.	111.462	134.	96.	123.436	11.11	96.4	99.5	117.5	129.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	12	182.5	193.167	271.	164.	977.788	31.27	165.8	171.5	210.5	258.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	13	6.	6.846	15.	4.	8.141	2.853	4.	5.	7.5	12.6
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	13	24.	31.615	128.	18.	852.423	29.196	18.	20.	28.	88.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	13	1150.	1141.308	1310.	1016.	8155.564	90.308	1030.8	1059.	1195.	1300.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	14 ##	0.25	0.375	1.	0.25	0.046	0.214	0.25	0.25	0.5	0.75
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	13	2106.	2130.462	2442.	1954.	16396.769	128.05	1974.	2024.	2204.	2365.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	14 ##	0.005	0.011	0.05	0.003	0.	0.013	0.004	0.005	0.01	0.04
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	14 ##	0.25	0.339	0.5	0.25	0.015	0.124	0.25	0.25	0.5	0.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	14 ##	0.025	0.045	0.23	0.025	0.003	0.057	0.025	0.025	0.025	0.165
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	14 ##	0.5	0.893	6.	0.5	2.161	1.47	0.5	0.5	0.5	3.25
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	14 ##	2.5	2.679	5.	2.5	0.446	0.668	2.5	2.5	2.5	3.75
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	14 ##	5.	7.5	15.	5.	10.577	3.252	5.	5.	10.	12.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	14	0.04	0.079	0.43	0.015	0.013	0.113	0.015	0.015	0.073	0.31
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	14 ##	2.5	2.679	5.	2.5	0.446	0.668	2.5	2.5	2.5	3.75
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	14	205.	226.429	420.	115.	7528.571	86.767	125.	155.	291.25	382.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	14 ##	0.05	0.054	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.075
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	14 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	14	10.	14.286	60.	2.5	228.297	15.109	2.5	2.5	17.5	42.5

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	13	3.	6.138	25.	0.4	50.663	7.118	0.44	1.	10.4	20.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	13	2560.	2534.231	3010.	1460.	159461.859	399.327	1756.	2420.	2840.	2966.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	13	15.	17.077	37.	2.	110.91	10.531	3.2	11.5	22.	37.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	13	390.	369.769	406.	241.	2347.692	48.453	261.	371.5	395.5	404.8
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	13	476.	452.	496.	294.	3542.667	59.52	318.8	453.	487.	494.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	12	0.	20.083	133.	0.	1487.72	38.571	0.	0.	27.5	106.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	13 ##	0.05	0.046	0.1	0.025	0.001	0.027	0.025	0.025	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	13 ##	0.005	0.01	0.025	0.005	0.	0.009	0.005	0.005	0.018	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	13	3.64	3.635	4.68	1.55	0.715	0.845	1.926	3.485	4.25	4.628
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	13	0.4	0.473	1.1	0.05	0.082	0.286	0.11	0.3	0.6	1.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	13	0.04	0.078	0.32	0.01	0.012	0.109	0.01	0.015	0.065	0.32
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	13	1240.	1245.723	1540.	710.	47160.33	217.164	874.8	1136.2	1430.	1524.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	13	308.	304.769	392.	160.	3506.359	59.215	200.	275.	346.	385.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	13	114.	117.692	151.	75.	352.231	18.768	87.	107.	132.5	145.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	13	192.	192.923	285.	83.	2791.744	52.837	101.8	169.	223.	277.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	13	6.	6.692	9.	5.	1.231	1.109	5.4	6.	7.5	8.6
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	13	24.	26.308	52.	15.	95.231	9.759	16.2	20.5	32.5	45.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	13	1174.	1183.231	1570.	610.	62131.859	249.263	763.6	1012.5	1350.	1540.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	13 ##	0.25	0.473	1.	0.25	0.091	0.301	0.25	0.25	0.7	1.

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	12	2222.	2237.	2736.	1176.	194923.273	441.501	1395.6	2015.5	2657.5	2734.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	13	0.01	0.022	0.06	0.003	0.	0.021	0.003	0.005	0.045	0.056
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	13 ##	0.25	0.446	1.	0.25	0.075	0.274	0.25	0.25	0.525	1.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	13 ##	0.025	0.025	0.025	0.021	0.	0.001	0.023	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	13 ##	2.5	3.192	9.	2.5	3.522	1.877	2.5	2.5	2.5	7.4
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	13 ##	5.	8.462	20.	5.	30.769	5.547	5.	5.	10.	20.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	13	0.06	0.122	0.52	0.015	0.023	0.151	0.021	0.05	0.11	0.464
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	13 ##	2.5	3.462	10.	2.5	4.728	2.174	2.5	2.5	3.75	8.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	13	300.	312.308	695.	60.	40194.231	200.485	78.	162.5	417.5	689.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	13 ##	0.05	0.062	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	13 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	13	15.	20.	45.	5.	227.333	15.078	5.	6.5	35.	45.

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/11/81-03/25/87	9	0.9	1.467	7.	0.3	4.37	2.09	0.3	0.6	1.05	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/81-03/25/87	9	2520.	2522.444	2970.	2220.	45212.528	212.632	2220.	2402.5	2611.	2970.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/81-03/25/87	9	10.	15.778	44.	7.	151.694	12.316	7.	8.	23.	44.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	9	377.	356.556	388.	280.	1345.528	36.681	280.	329.5	383.5	388.
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/81-03/25/87	9	460.	435.	473.	342.	1994.5	44.66	342.	402.	468.	473.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/11/81-03/25/87	8	0.	1.25	7.	0.	6.5	2.55	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/11/81-03/25/87	9 ##	0.025	0.036	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	9 ##	0.005	0.01	0.025	0.005	0.	0.009	0.005	0.005	0.018	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/11/81-03/25/87	9	4.75	4.277	5.75	0.29	2.843	1.686	0.29	3.635	5.415	5.75
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/11/81-03/25/87	9	0.5	0.489	0.7	0.2	0.024	0.154	0.2	0.4	0.6	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/11/81-03/25/87	9	0.04	0.037	0.1	0.005	0.001	0.03	0.005	0.01	0.05	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/81-03/25/87	9	1220.	1227.889	1310.	1189.	1675.611	40.934	1189.	1195.	1251.	1310.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/81-03/25/87	9	316.	309.778	334.	284.	250.694	15.833	284.	294.5	320.	334.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/81-03/25/87	9	110.	110.333	119.	102.	41.	6.403	102.	103.5	116.5	119.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/81-03/25/87	9	192.	196.	255.	166.	751.25	27.409	166.	172.	210.5	255.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/81-03/25/87	9	6.	5.889	7.	5.	0.361	0.601	5.	5.5	6.	7.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/11/81-03/25/87	9	26.	25.444	32.	18.	30.028	5.48	18.	20.	31.5	32.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/11/81-03/25/87	9	1220.	1198.222	1329.	986.	11712.444	108.224	986.	1135.	1292.	1329.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/11/81-03/25/87	9 ##	0.5	0.389	0.5	0.25	0.017	0.132	0.25	0.25	0.5	0.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/11/81-03/25/87	8	2232.	2193.5	2394.	1938.	19866.	140.947	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/11/81-03/25/87	8 ##	0.01	0.013	0.03	0.005	0.	0.009	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	0.25	0.389	1.	0.25	0.064	0.253	0.25	0.25	0.5	1.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	5.	6.111	10.	5.	4.861	2.205	5.	5.	7.5	10.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/11/81-03/25/87	9 ##	0.015	0.044	0.11	0.015	0.001	0.039	0.015	0.015	0.085	0.11
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	2.5	2.778	5.	2.5	0.694	0.833	2.5	2.5	2.5	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9	285.	307.222	535.	190.	9381.944	96.86	190.	250.	332.5	535.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/11/81-03/25/87	9	15.	22.5	60.	2.5	487.5	22.079	2.5	7.5	40.	60.

** - Less 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: DINO0252

NPS Station ID: DINO0252
LAT/LON: 40.359449/-109.369448
Agency: 112WRD
Date Created: 09/30/89
Location: J3 DRAIN TO STEWART LAKE
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402134109221001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 8.80
On/Off RF1:
RF3 Index: 14060001016900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.28
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	25	11.	11.288	16.	8.	4.899	2.213	8.3	9.	13.	14.
00025	BAROMETRIC PRESSURE (MM OF HG)	04/05/88-04/05/88	1	650.	650.	650.	650.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/23/95-09/23/95	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/21/93-04/21/93	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/88-08/20/96	21	0.4	0.39	1.	0.09	0.046	0.215	0.12	0.25	0.5	0.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	35	3350.	3173.429	3700.	2350.	128805.546	358.895	2542.	2980.	3360.	3508.
00300	OXYGEN, DISSOLVED MG/L	04/05/88-07/27/88	2	2.9	2.9	5.1	0.7	9.68	3.111	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	35	7.1	7.225	7.7	6.9	0.054	0.232	7.	7.04	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	35	7.1	7.172	7.7	6.9	0.057	0.238	7.	7.04	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	35	0.079	0.067	0.126	0.02	0.001	0.03	0.025	0.032	0.091	0.1
00403	PH, LAB, STANDARD UNITS SU	04/05/88-05/16/96	22	7.55	7.536	7.8	7.2	0.045	0.213	7.3	7.3	7.725	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/05/88-05/16/96	22	7.547	7.488	7.8	7.2	0.048	0.219	7.3	7.3	7.725	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-05/16/96	22	0.028	0.033	0.063	0.016	0.	0.015	0.016	0.019	0.05	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/91-08/28/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/91-08/28/91	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	07/26/89-07/26/89	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	07/26/89-07/26/89	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-09/27/89	3	310.	300.	330.	260.	1300.	36.056	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-09/27/89	3	120.	116.667	130.	100.	233.333	15.275	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-09/27/89	3	280.	293.333	330.	270.	1033.333	32.146	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-09/27/89	3	5.3	5.533	6.1	5.2	0.243	0.493	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-09/27/89	3	42.	42.333	50.	35.	56.333	7.506	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-09/27/89	3	1500.	1533.333	1700.	1400.	23333.333	152.753	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-09/27/89	3	0.6	0.6	0.7	0.5	0.01	0.1	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-09/27/89	3	18.	21.667	31.	16.	66.333	8.145	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/05/88-04/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/05/88-04/05/88	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/05/88-04/16/96	7	810.	802.857	990.	600.	19557.143	139.847	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/05/88-04/05/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/05/88-04/05/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/05/88-04/05/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/05/88-04/05/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/05/88-04/05/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/05/88-04/05/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/05/88-04/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	04/05/88-04/05/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/05/88-04/16/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/23/95-09/23/95	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/26/89-07/26/89	1	19.	19.	19.	19.	0.	0.	**	**	**	**
04102	BETA, DRY WEIGHT,SEDIMENT,(AS SR,Y-90) PCI/G	07/15/92-07/15/92	1	25.	25.	25.	25.	0.	0.	**	**	**	**
04111	URANIUM-234,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	07/15/92-07/15/92	1	1.14	1.14	1.14	1.14	0.	0.	**	**	**	**
04112	URANIUM-235,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	07/15/92-07/15/92	1	0.074	0.074	0.074	0.074	0.	0.	**	**	**	**
04125	ALPHA, DRY WEIGHT, SEDIMENT (AS TH-230) PCI/G	07/15/92-07/15/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	07/27/88-07/27/88	1	100.	100.	100.	100.	0.	0.	**	**	**	**
22612	URANIUM 235,IN SEDIMENT, (PCI/G OF DRY SOLID	07/15/92-07/15/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	04/05/88-10/25/95	4	42.	42.	50.	34.	43.333	6.583	**	**	**	**
28014	URANIUM 234, IN SEDIMENT (PCI/G OF DRY SOLIDS)	07/15/92-07/15/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
28016	URANIUM 238, IN SEDIMENT (PCI/G OF DRY SOLIDS)	07/15/92-07/15/92	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/91-05/16/96	19	2850.	2703.684	2960.	1840.	111746.784	334.285	1930.	2640.	2900.	2940.
71890	MERCURY, DISSOLVED (UG/L AS HG)	04/05/88-04/05/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
75955	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,SED PC/G	07/15/92-07/15/92	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
75962	URANIUM 238,1 SIGMA PRC EST,SUSP,SEDIMENT PC/G	07/15/92-07/15/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
75965	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS NAT U,SED UG/G	07/15/92-07/15/92	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	08/17/95-10/25/95	3	2.7	2.8	3.2	2.5	0.13	0.361	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/27/88-07/27/88	1	-117.5	-117.5	-117.5	-117.5	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/27/88-07/27/88	1	-15.35	-15.35	-15.35	-15.35	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: DINO0252

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50				1	0	0.00	1	1	1.00			
00400	PH	Fresh Chronic	9.	35	0	0.00	3	0	0.00	10	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	35	0	0.00	3	0	0.00	10	0	0.00	22	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	22	0	0.00	3	0	0.00	7	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00	3	0	0.00	7	0	0.00	12	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.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	3	1.00	1	1	1.00	2	2	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	1	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.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	8	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00			
		Drinking Water	5000.	8	0	0.00	2	0	0.00	5	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									
07000	TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	4	4	1.00	2	2	1.00	1	1	1.00	1	1	1.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	3	14.	13.5	14.	12.5	0.75	0.866	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	3	2760.	2823.333	3000.	2710.	24033.333	155.027	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	3	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	3	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	3	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	10	9.	9.55	16.	8.	5.525	2.351	8.	8.375	9.625	15.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	10	2980.	2924.	3670.	2350.	228071.111	477.568	2351.	2375.	3370.	3643.
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	10	7.1	7.11	7.3	7.	0.01	0.099	7.	7.	7.2	7.29
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	10	7.1	7.1	7.3	7.	0.01	0.1	7.	7.	7.2	7.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	10	0.079	0.079	0.1	0.05	0.	0.017	0.051	0.063	0.1	0.1

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/88-08/20/96	12	12.6	12.183	13.5	10.5	1.076	1.037	10.65	11.	13.	13.35
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/88-08/20/96	22	3350.	3334.545	3700.	2850.	34178.355	184.874	2992.	3327.5	3417.5	3514.
00400	PH (STANDARD UNITS)	04/05/88-08/20/96	22	7.4	7.295	7.7	6.9	0.069	0.263	6.93	7.04	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	04/05/88-08/20/96	22	7.4	7.22	7.7	6.9	0.075	0.274	6.93	7.04	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-08/20/96	22	0.04	0.06	0.126	0.02	0.001	0.035	0.025	0.032	0.091	0.118

** - Less 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: DINO0253

NPS Station ID: DINO0253
LAT/LON: 40.356333/-109.371330
Agency: 21UTAH
Date Created: 06/19/82
Location: J-4 DRAIN TO STEWART L WMA
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493729
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060002001
RF1 Mile Point: 0.770
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14060001016900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.32
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/81-09/25/86	33	11.	10.3	16.	0.9	8.901	2.983	6.4	9.	12.5	13.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/10/81-09/25/86	32	0.2	0.331	1.1	0.1	0.087	0.295	0.1	0.1	0.5	0.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	35	0.6	3.289	91.	0.2	233.196	15.271	0.28	0.3	1.	1.92
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	1	4200.	4200.	4200.	4200.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	35	4400.	4359.314	5360.	3490.	247057.045	497.048	3616.	3980.	4750.	5035.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00335	COD, .025N K2CR2O7 MG/L	03/10/81-04/17/81	2	24.5	24.5	27.	22.	12.5	3.536	**	**	**	**
00400	PH (STANDARD UNITS)	09/25/86-03/25/87	2	7.8	7.8	7.9	7.7	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/25/86-03/25/87	2	7.789	7.789	7.9	7.7	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/86-03/25/87	2	0.016	0.016	0.02	0.013	0.	0.005	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	35	15.	16.571	50.	6.	69.723	8.35	8.	12.	21.	25.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	35	400.	398.257	432.	358.	297.844	17.258	370.8	388.	412.	420.8
00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	35	488.	485.629	527.	436.	445.593	21.109	452.	473.	502.	513.2
00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	33	0.	4.879	145.	0.	636.485	25.229	0.	0.	0.	4.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	36 ##	0.05	0.043	0.1	0.01	0.001	0.024	0.025	0.025	0.05	0.086
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	36 ##	0.005	0.01	0.025	0.005	0.	0.008	0.005	0.005	0.01	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	36	6.4	7.362	37.5	5.1	27.405	5.235	5.455	5.863	7.083	8.115
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	36	0.5	0.519	1.2	0.2	0.058	0.24	0.2	0.3	0.7	0.83
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/10/81-10/25/83	12	5.975	6.087	6.94	5.1	0.374	0.612	5.145	5.7	6.675	6.913
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	35	0.02	0.029	0.1	0.005	0.001	0.025	0.009	0.01	0.05	0.058
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/81-04/17/81	2	8.65	8.65	9.4	7.9	1.125	1.061	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	35	1700.	1669.909	1950.	1230.	29541.777	171.877	1422.64	1600.	1770.	1889.96
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	35	370.	361.946	432.	42.1	4445.291	66.673	305.6	352.	400.	416.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	35	180.	179.486	236.	129.	758.787	27.546	140.8	157.	197.	224.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	35	575.	570.2	825.	410.	9606.282	98.012	437.4	482.	638.	672.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	35	6.	6.543	10.	5.	2.02	1.421	5.	5.	7.	9.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	35	99.	93.686	140.	60.	365.987	19.131	64.2	77.	103.	120.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	35	2305.	2273.343	2900.	1740.	97515.938	312.275	1785.2	2116.	2430.	2708.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/10/81-05/12/81	3	0.71	0.687	0.73	0.62	0.003	0.059	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/81-04/17/81	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/10/81-04/17/81	2	912.5	912.5	1600.	225.	945312.5	972.272	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/10/81-04/17/81	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	36 ##	0.25	0.493	2.5	0.25	0.234	0.484	0.25	0.25	0.5	1.15
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	32	4031.	3917.813	4976.	2892.	235163.706	484.937	3204.4	3526.	4196.5	4580.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	36 ##	0.01	0.014	0.05	0.003	0.	0.012	0.003	0.005	0.02	0.03
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	36 ##	0.25	0.529	2.	0.25	0.249	0.499	0.25	0.25	0.5	1.3
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	36 ##	0.025	0.034	0.25	0.012	0.002	0.039	0.025	0.025	0.025	0.033

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

Parameter Inventory for Station: DINO0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/17/82-11/17/82	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	36 ##	0.5	0.611	3.	0.5	0.187	0.433	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	36 ##	2.5	2.917	13.	2.5	3.55	1.884	2.5	2.5	2.5	2.5
82707	COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/83-10/25/83	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	36 ##	5.	10.083	55.	5.	87.679	9.364	5.	5.	10.	20.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	36	0.03	0.087	1.48	0.015	0.059	0.244	0.015	0.015	0.06	0.129
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	36 ##	2.5	2.847	10.	2.5	1.84	1.357	2.5	2.5	2.5	3.25
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	36	37.5	73.667	810.	10.	20899.714	144.567	18.5	20.	55.	157.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	36 ##	0.05	0.065	0.2	0.05	0.001	0.037	0.05	0.05	0.05	0.1
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-07/13/83	19 ##	5.	15.684	45.	5.	217.006	14.731	5.	5.	30.	45.
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	36 ##	1.	1.028	2.	1.	0.028	0.167	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	36	10.	17.181	60.	2.5	254.602	15.956	2.5	5.	20.	45.

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

EPA Water Quality Criteria Analysis for Station: DINO0253

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	35	1	0.03	14	0	0.00	12	0	0.00	9	1	0.11			
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						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	36	1	0.03	15	1	0.07	12	0	0.00	9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	35	0	0.00	14	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	250.	35	0	0.00	14	0	0.00	12	0	0.00	9	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	35	35	1.00	14	14	1.00	12	12	1.00	9	9	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00				3	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00				2	0	0.00						
		Drinking Water	100.	2	0	0.00				2	0	0.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	50.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	50.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WA	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	5.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	36	6	0.17	15	3	0.20	12	3	0.25	9	0	0.00			
		Drinking Water	1300.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	15.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	2.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	19	0	0.00	7	0	0.00	7	0	0.00	5	0	0.00			
		Drinking Water	100.	19	0	0.00	7	0	0.00	7	0	0.00	5	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	100.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	5000.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00			

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	14	0.3	0.543	1.4	0.2	0.129	0.359	0.25	0.3	0.8	1.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	14	4400.	4306.429	4775.	3660.	130743.956	361.585	3705.	3978.75	4540.	4762.5
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	14	14.5	14.429	24.	8.	21.956	4.686	8.	11.25	17.	22.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	14	396.	396.929	432.	374.	231.61	15.219	375.	386.	405.	422.5
00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	14	483.	484.143	527.	456.	348.747	18.675	457.	470.75	494.	515.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	15 ##	0.05	0.047	0.1	0.025	0.001	0.024	0.025	0.025	0.05	0.088
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	15 ##	0.005	0.01	0.025	0.005	0.	0.008	0.005	0.005	0.01	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	15	6.1	8.455	37.5	5.25	65.271	8.079	5.31	5.7	7.31	19.89
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	15	0.5	0.52	1.	0.2	0.052	0.227	0.26	0.3	0.7	0.88
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	15	0.025	0.031	0.1	0.01	0.001	0.025	0.01	0.01	0.05	0.07
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	14	1655.	1612.1	1790.	1260.	20145.125	141.934	1352.2	1531.25	1700.	1780.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	14	356.	333.864	432.	42.1	8286.258	91.029	163.05	326.	377.	410.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	14	177.5	172.429	199.	134.	372.571	19.302	136.5	158.5	190.	194.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	14	577.5	574.	630.	506.	1321.385	36.351	513.	547.5	602.5	627.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	14	6.	6.214	9.	5.	1.874	1.369	5.	5.	7.25	8.5
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	14	100.	97.286	120.	63.	204.22	14.291	69.	90.75	104.25	115.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	14	2336.	2232.286	2430.	1750.	51163.912	226.194	1775.	2133.75	2391.25	2427.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	15 ##	0.25	0.5	2.5	0.25	0.348	0.59	0.25	0.25	0.5	1.6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	13	4012.	3874.	4346.	3172.	129876.667	360.384	3215.2	3626.	4136.	4268.4
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	15 ##	0.01	0.013	0.03	0.003	0.	0.009	0.003	0.005	0.02	0.027
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	15 ##	0.25	0.383	1.	0.25	0.07	0.265	0.25	0.25	0.5	1.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	15 ##	0.025	0.047	0.25	0.025	0.004	0.06	0.025	0.025	0.025	0.16
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	15 ##	0.5	0.7	3.	0.5	0.421	0.649	0.5	0.5	0.5	1.8
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	15 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	15 ##	10.	12.667	55.	5.	160.238	12.659	5.	5.	10.	34.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	15	0.03	0.054	0.26	0.015	0.004	0.065	0.015	0.015	0.06	0.176
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	15 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	15	25.	29.667	55.	10.	212.381	14.573	13.	20.	40.	55.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	15 ##	0.05	0.053	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.07
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	15 ##	1.	1.067	2.	1.	0.067	0.258	1.	1.	1.	1.4
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	15	10.	13.667	45.	2.5	140.06	11.835	2.5	5.	15.	39.

** - Less 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: 3/01 to 5/31 - Station DINO0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	12	0.7	0.933	2.1	0.3	0.479	0.692	0.3	0.4	1.6	2.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	12	4855.	4757.167	5360.	3860.	170673.606	413.127	3965.	4552.5	5035.	5264.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	12	15.	16.167	31.	6.	49.424	7.03	7.2	12.25	21.75	29.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	12	400.5	400.167	415.	366.	205.606	14.339	370.8	397.	412.	415.
00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	12	489.	487.917	506.	446.	304.447	17.448	452.	484.	502.	506.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	11	0.	0.727	8.	0.	5.818	2.412	0.	0.	0.	6.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	12 ##	0.038	0.043	0.1	0.01	0.001	0.03	0.01	0.025	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	12 ##	0.005	0.009	0.025	0.005	0.	0.008	0.005	0.005	0.01	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	12	6.625	6.76	8.1	5.7	0.354	0.595	5.91	6.4	7.083	7.875
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	12	0.5	0.533	1.2	0.2	0.099	0.314	0.2	0.225	0.775	1.11
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	12	0.015	0.019	0.05	0.005	0.	0.014	0.006	0.01	0.024	0.047
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	12	1795.	1807.283	1950.	1640.	10967.254	104.725	1658.	1715.	1892.55	1950.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	12	392.	386.5	412.	352.	358.636	18.938	354.4	371.	401.5	410.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	12	205.5	204.667	236.	169.	518.606	22.773	171.7	185.	227.75	236.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	12	649.	642.5	825.	413.	11863.364	108.919	451.1	568.25	676.25	814.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	12	7.	7.583	10.	6.	1.538	1.24	6.	7.	8.75	9.7
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	12	101.5	105.75	140.	85.	246.386	15.697	86.5	94.5	116.75	135.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	12	2515.	2537.5	2900.	2175.	63162.091	251.321	2182.5	2295.	2732.5	2900.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	12 ##	0.25	0.563	1.5	0.25	0.24	0.49	0.25	0.25	0.875	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 box-and-whisker plot

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	11	4290.	4312.545	4976.	3668.	130438.473	361.163	3725.2	4080.	4630.	4908.8
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	12 ##	0.008	0.013	0.05	0.003	0.	0.014	0.003	0.003	0.018	0.044
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	0.5	0.525	2.	0.25	0.233	0.482	0.25	0.25	0.5	1.565
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	12 ##	0.025	0.024	0.025	0.012	0.	0.004	0.016	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	0.5	0.583	1.	0.5	0.038	0.195	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	2.5	3.75	13.	2.5	10.159	3.187	2.5	2.5	2.5	11.2
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	5.	9.833	23.	5.	49.424	7.03	5.	5.	17.5	22.1
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	12	0.04	0.047	0.15	0.015	0.002	0.042	0.015	0.015	0.065	0.135
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	2.5	3.333	10.	2.5	4.924	2.219	2.5	2.5	2.5	8.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12	45.	81.417	415.	20.	12207.72	110.489	21.5	27.75	60.	335.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	0.05	0.062	0.1	0.05	0.001	0.023	0.05	0.05	0.088	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12	15.	20.917	60.	2.5	428.947	20.711	2.5	5.	38.25	58.5

** - 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 #3: 6/01 to 8/31 - Station DINO0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	9	0.7	10.7	91.	0.25	906.907	30.115	0.25	0.325	1.15	91.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	9	3980.	3911.111	4570.	3490.	134536.111	366.792	3490.	3550.	4185.	4570.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	9	21.	20.444	50.	7.	167.528	12.943	7.	9.	23.5	50.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	9	402.	397.778	425.	358.	597.944	24.453	358.	375.	421.5	425.
00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	9	490.	484.889	518.	436.	896.111	29.935	436.	457.	514.	518.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	8	0.	19.125	145.	0.	2594.696	50.938	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	9 ##	0.025	0.036	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	9 ##	0.005	0.01	0.025	0.005	0.	0.009	0.005	0.005	0.018	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	9	6.2	6.342	8.98	5.1	1.231	1.109	5.1	5.7	6.6	8.98
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	9	0.5	0.5	0.7	0.2	0.025	0.158	0.2	0.4	0.6	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	8	0.045	0.042	0.1	0.005	0.001	0.033	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	9	1640.	1576.667	1820.	1230.	33800.	183.848	1230.	1455.	1710.	1820.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	9	370.	372.889	430.	280.	2515.111	50.151	280.	337.	416.	430.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	9	152.	156.889	182.	129.	293.611	17.135	129.	146.5	174.5	182.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	9	453.	467.889	593.	410.	2725.111	52.203	410.	437.	482.	593.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	9	5.	5.667	7.	5.	0.75	0.866	5.	5.	6.5	7.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	9	70.	72.	94.	60.	114.75	10.712	60.	62.5	78.5	94.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	9	2055.	1985.	2305.	1740.	43300.75	208.088	1740.	1781.5	2138.	2305.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	9 ##	0.25	0.389	1.	0.25	0.064	0.253	0.25	0.25	0.5	1.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	8	3467.	3446.25	4050.	2892.	129898.786	360.415	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	9	0.01	0.018	0.05	0.005	0.	0.015	0.005	0.01	0.03	0.05
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	0.5	0.778	2.	0.25	0.538	0.734	0.25	0.25	1.5	2.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	5.	6.111	10.	5.	4.861	2.205	5.	5.	7.5	10.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	9	0.03	0.193	1.48	0.015	0.233	0.483	0.015	0.015	0.065	1.48
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	2.5	2.778	5.	2.5	0.694	0.833	2.5	2.5	2.5	5.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9	40.	136.667	810.	10.	66093.75	257.087	10.	25.	115.	810.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	0.05	0.089	0.2	0.05	0.004	0.065	0.05	0.05	0.15	0.2
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9	15.	18.056	45.	2.5	234.028	15.298	2.5	5.	30.	45.

** - Less 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: DINO0254

NPS Station ID: DINO0254
LAT/LON: 40.358500/-109.371660
Agency: 21UTAH
Date Created: 06/19/82
Location: J-3 DRAIN TO STEWART LAKE WMA
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493728
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060002001
RF1 Mile Point: 0.920
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14060002003800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.36
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/81-03/04/86	31	10.	10.19	19.	0.9	10.223	3.197	6.2	9.	13.	13.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/10/81-03/04/86	31	0.4	0.435	1.	0.1	0.048	0.218	0.2	0.3	0.6	0.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	34	0.5	1.946	45.	0.2	58.122	7.624	0.25	0.3	0.9	1.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/14/81-10/14/81	1	4200.	4200.	4200.	4200.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	34	3725.	3750.	4500.	2895.	136590.909	369.582	3335.	3575.	4010.	4345.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	03/28/84-03/25/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00335	COD, .025N K2CR2O7 MG/L	03/10/81-04/17/81	2	18.5	18.5	19.	18.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	03/25/87-03/25/87	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/25/87-03/25/87	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/87-03/25/87	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	34	22.5	22.824	52.	8.	102.332	10.116	12.	13.	26.25	38.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	34	412.	408.647	442.	330.	664.235	25.773	371.	402.	428.	436.
00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	34	502.	498.382	540.	402.	995.94	31.559	453.	490.	522.	532.
00445	CARBONATE ION (MG/L AS CO3)	03/28/84-03/25/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	32	0.	3.875	112.	0.	391.532	19.787	0.	0.	0.	3.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	35	## 0.05	0.059	0.5	0.005	0.007	0.082	0.025	0.025	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	35	## 0.005	0.089	2.75	0.005	0.214	0.463	0.005	0.005	0.025	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	34	5.395	6.082	17.4	3.8	6.647	2.578	4.055	4.535	6.838	9.205
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	35	0.4	0.469	1.1	0.1	0.058	0.24	0.2	0.3	0.6	0.88
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/10/81-10/25/83	12	5.355	5.493	7.8	3.8	1.45	1.204	3.92	4.513	6.6	7.545
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	34	0.02	0.03	0.1	0.005	0.001	0.027	0.006	0.01	0.05	0.075
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/81-04/17/81	2	7.25	7.25	8.1	6.4	1.445	1.202	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	34	1621.5	1632.659	1875.	1374.4	13747.121	117.248	1490.	1540.	1730.	1800.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	34	386.	385.588	436.	320.	594.068	24.374	359.	368.	405.	417.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	34	159.5	163.118	207.	139.	278.41	16.686	140.	151.75	175.25	186.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	34	398.	410.824	565.	270.	4766.21	69.038	330.	369.	455.75	515.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	34	8.	8.294	16.	5.	4.214	2.053	6.	7.	9.	11.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	34	70.	69.982	98.	47.4	125.962	11.223	55.	63.	80.	83.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	34	1885.	1919.971	2625.	1300.	69172.878	263.007	1642.5	1755.	2085.	2270.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/10/81-07/13/82	4	0.565	0.665	1.	0.53	0.05	0.224	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/81-04/17/81	2	18.5	18.5	19.	18.	0.5	0.707	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/10/81-04/17/81	2	637.5	637.5	1100.	175.	427812.5	654.074	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/10/81-04/17/81	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	34	1.	0.925	2.	0.25	0.245	0.495	0.25	0.5	1.	1.85
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	31	3372.	3437.581	4242.	2698.	125136.918	353.747	2986.	3204.	3730.	3981.6
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	35	## 0.01	0.016	0.08	0.003	0.	0.016	0.005	0.005	0.02	0.04
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	34	## 0.25	0.391	1.	0.25	0.05	0.224	0.25	0.25	0.5	0.775
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	34	## 0.025	0.034	0.25	0.013	0.002	0.04	0.025	0.025	0.025	0.05

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

Parameter Inventory for Station: DINO0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	34 ##	0.5	0.515	1.	0.5	0.007	0.086	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	34 ##	2.5	2.941	10.	2.5	3.209	1.791	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	34 ##	5.	8.529	25.	5.	28.075	5.299	5.	5.	10.	17.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	34 ##	0.015	0.048	0.53	0.015	0.008	0.089	0.015	0.015	0.043	0.09
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	34 ##	2.5	3.368	10.	2.5	4.005	2.001	2.5	2.5	2.5	6.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	34	705.	692.25	1230.	40.	60303.64	245.568	331.25	557.5	847.5	1027.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	34 ##	0.05	0.066	0.3	0.05	0.002	0.046	0.05	0.05	0.05	0.1
82714	MOLYBDENUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/17/82-11/17/82	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-07/13/83	19	14.	18.789	55.	5.	218.287	14.775	5.	5.	32.	40.
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	34 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/83-10/25/83	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	34	15.	16.926	60.	2.5	247.017	15.717	3.75	5.	21.25	47.5

** - 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: DINO0254

				Total	Exceed	Prop.	9/01-2/29			3/01-5/31			6/01-8/31			n/a		
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.	34	0	0.00	13	0	0.00	12	0	0.00	9	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						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	34 &	0	0.00	14	0	0.00	12	0	0.00	8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	34	2	0.06	14	1	0.07	12	1	0.08	8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	250.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	34	34	1.00	13	13	1.00	12	12	1.00	9	9	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00				3	0	0.00	1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00				2	0	0.00						
		Drinking Water	100.	2	0	0.00				2	0	0.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	50.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	50.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	5.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	34	3	0.09	13	1	0.08	12	2	0.17	9	0	0.00			
		Drinking Water	1300.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	15.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	2.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	19	0	0.00	7	0	0.00	7	0	0.00	5	0	0.00			
		Drinking Water	100.	19	0	0.00	7	0	0.00	7	0	0.00	5	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	100.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			
		Drinking Water	5000.	34	0	0.00	13	0	0.00	12	0	0.00	9	0	0.00			

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	13	0.4	0.5	1.	0.3	0.06	0.245	0.3	0.3	0.7	0.96
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	13	3625.	3636.154	4150.	2895.	102150.641	319.61	3077.	3487.5	3850.	4108.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	13	20.	23.692	52.	12.	134.397	11.593	12.	14.5	26.	47.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	13	410.	407.846	436.	362.	389.308	19.731	369.2	403.	422.	433.6
00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	13	500.	497.462	532.	442.	568.103	23.835	450.8	492.	514.5	528.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	14 ##	0.038	0.051	0.14	0.025	0.001	0.037	0.025	0.025	0.063	0.12
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	14 ##	0.008	0.011	0.025	0.005	0.	0.008	0.005	0.005	0.021	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	14	5.15	6.098	17.4	4.2	11.632	3.411	4.26	4.558	5.6	12.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	14	0.5	0.571	1.	0.3	0.062	0.249	0.3	0.375	0.8	1.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	14	0.023	0.034	0.1	0.007	0.001	0.029	0.009	0.01	0.055	0.085
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	13	1550.	1591.692	1775.	1477.	10504.731	102.493	1486.2	1525.	1700.	1765.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	13	368.	380.308	436.	336.	793.231	28.164	344.	364.	404.	429.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	13	153.	156.	178.	140.	116.	10.77	142.	151.	159.5	177.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	13	380.	390.308	505.	310.	2355.564	48.534	324.8	365.5	423.5	479.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	13	7.	7.462	11.	5.	2.269	1.506	5.4	6.5	8.	10.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	13	68.	68.	80.	53.	64.833	8.052	55.4	63.	74.	80.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	13	1760.	1847.154	2190.	1680.	26961.141	164.198	1682.	1709.	1965.	2146.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	13	1.	1.092	2.	0.25	0.404	0.635	0.25	0.65	1.85	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	12	3280.5	3329.917	3844.	2952.	63206.629	251.409	2997.	3180.	3438.	3809.8
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	14 ##	0.008	0.012	0.05	0.003	0.	0.012	0.004	0.005	0.02	0.035
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	13 ##	0.25	0.327	0.5	0.25	0.014	0.12	0.25	0.25	0.5	0.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	13 ##	0.025	0.033	0.08	0.025	0.	0.02	0.025	0.025	0.025	0.078
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	13 ##	5.	7.308	20.	5.	19.231	4.385	5.	5.	10.	16.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	13 ##	0.015	0.021	0.04	0.015	0.	0.011	0.015	0.015	0.028	0.04
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	13 ##	2.5	3.231	7.	2.5	2.151	1.467	2.5	2.5	3.75	6.2
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	13	705.	677.115	910.	275.	38241.506	195.554	302.	582.5	840.	908.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	13 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.08
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	13 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	13	10.	13.462	50.	5.	155.769	12.481	5.	5.	17.5	38.

** - Less 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: 3/01 to 5/31 - Station DINO0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	12	0.5	4.379	45.	0.2	163.833	12.8	0.215	0.4	1.3	31.95
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	12	3655.	3665.417	4400.	2900.	144706.629	380.403	3026.	3460.	3941.25	4289.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	12	18.5	22.833	39.	9.	110.697	10.521	10.2	13.75	33.5	38.7
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	12	414.	411.083	442.	335.	830.447	28.817	352.7	399.75	434.	440.2
00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	12	505.	501.333	540.	408.	1258.424	35.474	429.6	487.	529.5	537.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	11	0.	10.182	112.	0.	1140.364	33.769	0.	0.	0.	89.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	12 ##	0.05	0.049	0.1	0.005	0.001	0.03	0.011	0.025	0.08	0.097
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	12 ##	0.008	0.011	0.025	0.005	0.	0.009	0.005	0.005	0.021	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	12	4.98	5.703	10.1	3.8	4.	2.	3.839	3.993	7.438	9.41
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	12	0.4	0.375	0.6	0.2	0.013	0.114	0.2	0.3	0.4	0.57
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	12	0.01	0.015	0.03	0.005	0.	0.009	0.005	0.01	0.024	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	12	1590.	1608.117	1830.	1374.4	15173.982	123.183	1406.08	1535.	1720.	1800.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	12	380.	382.333	408.	320.	580.242	24.088	333.2	376.	400.	406.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	12	157.	159.833	199.	139.	312.515	17.678	139.3	143.25	171.75	192.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	12	374.	396.083	565.	270.	6780.811	82.346	288.	332.25	453.5	545.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	12	8.	8.833	16.	6.	7.606	2.758	6.	7.25	9.	14.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	12	64.	63.45	80.	47.4	93.812	9.686	48.18	57.25	70.75	78.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	12	1855.	1865.583	2525.	1300.	98565.902	313.952	1387.	1648.75	2080.	2420.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	12	1.	0.813	1.	0.25	0.115	0.339	0.25	0.438	1.	1.

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	11	3256.	3354.364	4242.	2698.	186798.255	432.202	2754.4	3010.	3712.	4151.6
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	12	0.01	0.019	0.08	0.005	0.	0.021	0.005	0.005	0.028	0.065
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	0.375	0.463	1.	0.25	0.078	0.28	0.25	0.25	0.538	1.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	12 ##	0.025	0.024	0.025	0.013	0.	0.003	0.017	0.025	0.025	0.025
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	2.5	3.75	10.	2.5	8.523	2.919	2.5	2.5	2.5	10.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	10.	10.833	25.	5.	44.697	6.686	5.	5.	15.	23.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	12	0.05	0.087	0.53	0.015	0.02	0.142	0.015	0.015	0.078	0.401
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	2.5	3.333	10.	2.5	4.924	2.219	2.5	2.5	2.5	8.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12	600.	694.083	1230.	320.	75200.992	274.228	362.	509.25	963.75	1174.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	0.05	0.083	0.3	0.05	0.005	0.072	0.05	0.05	0.1	0.24
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	12	15.	20.458	60.	2.5	362.066	19.028	3.25	5.	34.5	57.

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/10/81-03/25/87	9	0.6	0.789	2.7	0.25	0.608	0.78	0.25	0.275	1.	2.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/81-03/25/87	9	4000.	4027.222	4500.	3630.	92988.194	304.94	3630.	3775.	4345.	4500.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/81-03/25/87	9	25.	21.556	32.	8.	65.278	8.079	8.	13.	26.	32.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	9	412.	406.556	437.	330.	999.278	31.611	330.	399.5	426.5	437.
00440	BICARBONATE ION (MG/L AS HCO3)	03/10/81-03/25/87	9	502.	495.778	533.	402.	1503.694	38.777	402.	487.	520.5	533.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/81-03/25/87	8	0.	1.5	7.	0.	8.	2.828	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/81-03/25/87	9 ##	0.025	0.086	0.5	0.025	0.024	0.156	0.025	0.025	0.05	0.5
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	9 ##	0.005	0.314	2.75	0.005	0.834	0.913	0.005	0.005	0.025	2.75
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/81-03/25/87	8	6.055	6.624	9.36	5.08	2.866	1.693	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/10/81-03/25/87	9	0.4	0.433	1.1	0.1	0.093	0.304	0.1	0.2	0.6	1.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/10/81-03/25/87	8	0.05	0.044	0.1	0.005	0.001	0.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/81-03/25/87	9	1706.	1724.556	1875.	1640.	6954.278	83.392	1640.	1650.	1800.	1875.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/81-03/25/87	9	392.	397.556	419.	376.	240.528	15.509	376.	386.	412.5	419.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/81-03/25/87	9	175.	177.778	207.	163.	204.444	14.298	163.	164.	186.5	207.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/81-03/25/87	9	454.	460.111	550.	398.	3060.861	55.325	398.	404.	513.	550.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/81-03/25/87	9	8.	8.778	11.	7.	1.694	1.302	7.	8.	10.	11.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/81-03/25/87	9	80.	81.556	98.	73.	72.278	8.502	73.	73.	87.5	98.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/81-03/25/87	9	1988.	2097.667	2625.	1855.	60792.25	246.561	1855.	1928.	2240.	2625.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/10/81-03/25/87	9	1.	0.833	1.5	0.25	0.172	0.415	0.25	0.375	1.	1.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/81-03/25/87	8	3683.	3713.5	4062.	3492.	52360.857	228.825	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/81-03/25/87	9 ##	0.01	0.017	0.04	0.005	0.	0.015	0.005	0.005	0.035	0.04
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	0.25	0.389	1.	0.25	0.064	0.253	0.25	0.25	0.5	1.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	9 ##	0.025	0.05	0.25	0.025	0.006	0.075	0.025	0.025	0.025	0.25
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	0.5	0.556	1.	0.5	0.028	0.167	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	5.	7.222	15.	5.	13.194	3.632	5.	5.	10.	15.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/10/81-03/25/87	9 ##	0.015	0.035	0.12	0.015	0.001	0.034	0.015	0.015	0.04	0.12
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	2.5	3.611	10.	2.5	6.424	2.534	2.5	2.5	3.75	10.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9	760.	711.667	1060.	40.	87187.5	295.275	40.	635.	892.5	1060.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/10/81-03/25/87	9	10.	17.222	45.	2.5	249.132	15.784	2.5	3.75	30.	45.

** - Less 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: DINO0255

NPS Station ID: DINO0255
LAT/LON: 40.355559/-109.371949
Agency: 112WRD
Date Created: 08/01/87
Location: STEWART LAKE INFLOW J-4
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402120109221901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 14060001044400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/86-08/20/96	28	11.	11.714	29.	7.	17.897	4.23	7.45	9.	13.875	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	06/23/86-08/26/86	2	645.5	645.5	649.	642.	24.5	4.95	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/21/93-04/21/93	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/23/86-08/20/96	27	0.4	0.519	2.	0.07	0.201	0.448	0.07	0.2	0.9	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/86-08/20/96	37	3540.	3663.378	4700.	2380.	238283.408	488.143	3232.	3452.5	3875.	4456.
00300	OXYGEN, DISSOLVED MG/L	06/23/86-07/27/88	4	6.55	6.5	7.	5.9	0.34	0.583	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/86-08/20/96	39	7.2	7.284	7.8	6.9	0.061	0.246	7.01	7.1	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	06/23/86-08/20/96	39	7.2	7.225	7.8	6.9	0.064	0.253	7.01	7.1	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/86-08/20/96	39	0.063	0.06	0.126	0.016	0.001	0.028	0.02	0.032	0.079	0.098
00403	PH, LAB, STANDARD UNITS SU	04/05/88-05/16/96	24	7.6	7.583	7.8	7.3	0.032	0.179	7.35	7.4	7.775	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/05/88-05/16/96	24	7.6	7.548	7.8	7.3	0.033	0.182	7.35	7.4	7.775	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/88-05/16/96	24	0.025	0.028	0.05	0.016	0.	0.012	0.016	0.017	0.04	0.045
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/91-08/28/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/91-08/28/91	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/88-09/27/89	4	340.	340.	360.	320.	333.333	18.257	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/88-09/27/89	4	160.	162.5	190.	140.	491.667	22.174	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/88-09/27/89	4	515.	515.	580.	450.	2833.333	53.229	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/88-09/27/89	4	5.45	5.45	6.	4.9	0.243	0.493	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/88-09/27/89	4	68.5	68.75	79.	59.	114.917	10.72	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/88-09/27/89	4	2250.	2250.	2500.	2000.	56666.667	238.048	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/88-09/27/89	4	0.6	0.575	0.6	0.5	0.002	0.05	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/88-09/27/89	4	15.5	15.75	18.	14.	2.917	1.708	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/23/86-04/05/88	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/86-04/05/88	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/23/86-09/23/95	4	975.	885.	1000.	590.	39233.333	198.074	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/23/86-04/05/88	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/23/86-04/05/88	3 ##	5.	4.	5.	2.	3.	1.732	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/23/86-04/05/88	3	10.	11.667	20.	5.	58.333	7.638	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/23/86-04/05/88	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/23/86-04/05/88	3	3.	3.	4.	2.	1.	1.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/23/86-04/05/88	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/23/86-04/05/88	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	06/23/86-04/05/88	3	1.	1.167	2.	0.5	0.583	0.764	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/23/86-04/16/96	11 ##	5.	11.818	50.	5.	216.364	14.709	5.	5.	10.	46.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/23/86-04/03/87	3	94.	89.333	97.	77.	116.333	10.786	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	2	26.15	26.15	45.	7.3	710.645	26.658	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	06/23/86-08/26/86	2 ##	0.75	0.75	1.3	0.2	0.605	0.778	**	**	**	**
04102	BETA, DRY WEIGHT,SEDIMENT,(AS SR,Y-90) PCI/G	07/15/92-07/15/92	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04111	URANIUM-234,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	07/15/92-07/15/92	1	0.387	0.387	0.387	0.387	0.	0.	**	**	**	**
04112	URANIUM-235,2 SIGMA PRECISION,DRY WEIGHT,SED PCI/G	07/15/92-07/15/92	1	0.046	0.046	0.046	0.046	0.	0.	**	**	**	**
04125	ALPHA, DRY WEIGHT, SEDIMENT (AS TH-230) PCI/G	07/15/92-07/15/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	07/27/88-07/27/88	1	100.	100.	100.	100.	0.	0.	**	**	**	**
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/23/86-08/26/86	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
22612	URANIUM 235,IN SEDIMENT, (PCI/G OF DRY SOLID	07/15/92-07/15/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	06/23/86-10/25/95	6	46.5	46.333	59.	30.	105.867	10.289	**	**	**	**
28014	URANIUM 234, IN SEDIMENT (PCI/G OF DRY SOLIDS)	07/15/92-07/15/92	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
28016	URANIUM 238, IN SEDIMENT (PCI/G OF DRY SOLIDS)	07/15/92-07/15/92	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38930	PICLORAM,RECOVERABLE FROM BOT MAT,DRYWGT,UG/KG	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38931	DICAMBA,RECOVERABLE FROM BOT MAT,DRYWGT,UG/KG	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39011	DISYSTON, FLAME PHOTOMETRIC,WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39023	PHORATE, FLAME IONIZATION, WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/86-08/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/26/86-08/26/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/28/86-08/28/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/26/86-08/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/91-05/16/96	20	3180.	3306.	4130.	2010.	209046.316	457.216	3050.	3160.	3582.5	4010.
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/23/86-04/05/88	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
75955	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,SED PC/G	07/15/92-07/15/92	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
75962	URANIUM 238,1 SIGMA PRC EST,SUSP,SEDIMENT PC/G	07/15/92-07/15/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
75965	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS NAT U,SED UG/G	07/15/92-07/15/92	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	08/17/95-10/25/95	3	1.9	1.967	3.1	0.9	1.213	1.102	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	06/23/86-08/26/86	2	60.	60.	64.	56.	32.	5.657	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	06/23/86-08/26/86	2 ##	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	2	16.45	16.45	28.	4.9	266.805	16.334	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	06/23/86-08/26/86	2 ##	0.7	0.7	1.2	0.2	0.5	0.707	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/28/86-08/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	08/26/86-08/26/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/27/88-07/27/88	1	-116.5	-116.5	-116.5	-116.5	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/27/88-07/27/88	1	-15.35	-15.35	-15.35	-15.35	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/26/86-08/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/28/86-08/28/86	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: DINO0255

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				1	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	39	0	0.00	4	0	0.00	10	0	0.00	25	0	0.00			
		Other-Lo Lim.	6.5	39	0	0.00	4	0	0.00	10	0	0.00	25	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	24	0	0.00	4	0	0.00	7	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	24	0	0.00	4	0	0.00	7	0	0.00	13	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.	1	0	0.00							1	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	4	1.00	2	2	1.00	2	2	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	50.	3	0	0.00				1	0	0.00	2	0	0.00			
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	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	5.	3	0	0.00				1	0	0.00	2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00				1	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	1	0.33				1	1	1.00	2	0	0.00			
		Drinking Water	1300.	3	0	0.00				1	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	15.	3	0	0.00				1	0	0.00	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	100.	3	0	0.00				1	0	0.00	2	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	100.	3	0	0.00				1	0	0.00	2	0	0.00			

& - 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: DINO0255

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01090	ZINC, DISSOLVED	Fresh Acute	120.	11	0	0.00	2	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	5000.	11	0	0.00	2	0	0.00	6	0	0.00	3	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	3	1.00				1	1	1.00	2	2	1.00			
		Drinking Water	50.	3	3	1.00				1	1	1.00	2	2	1.00			
07000	TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	6	6	1.00	2	2	1.00	1	1	1.00	3	3	1.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
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			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	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	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	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	1	0	0.00							1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	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	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	2.	3	0	0.00				1	0	0.00	2	0	0.00			

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

Seasonal Analysis for Season #1: 9/01 to 2/29 - Station DINO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/86-08/20/96	4	14.	13.875	14.5	13.	0.396	0.629	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/23/86-08/20/96	5	0.2	0.28	0.4	0.2	0.012	0.11	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/86-08/20/96	4	3745.	3770.	4220.	3370.	121266.667	348.234	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/86-08/20/96	4	7.15	7.15	7.2	7.1	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/23/86-08/20/96	4	7.147	7.147	7.2	7.1	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/86-08/20/96	4	0.071	0.071	0.079	0.063	0.	0.009	**	**	**	**

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

Seasonal Analysis for Season #2: 3/01 to 5/31 - Station DINO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/86-08/20/96	10	7.75	8.2	10.	7.	1.178	1.085	7.	7.375	9.125	9.95
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/23/86-08/20/96	10	0.15	0.241	0.8	0.07	0.064	0.253	0.07	0.07	0.3	0.78
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/86-08/20/96	10	4310.	4180.	4700.	3280.	185511.111	430.71	3327.	3862.5	4490.	4682.
00400	PH (STANDARD UNITS)	06/23/86-08/20/96	10	7.2	7.17	7.3	7.	0.009	0.095	7.01	7.1	7.225	7.3
00400	CONVERTED PH (STANDARD UNITS)	06/23/86-08/20/96	10	7.2	7.161	7.3	7.	0.009	0.095	7.01	7.1	7.225	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/86-08/20/96	10	0.063	0.069	0.1	0.05	0.	0.015	0.05	0.06	0.079	0.098

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

Seasonal Analysis for Season #3: 6/01 to 8/31 - Station DINO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/86-08/20/96	14	12.75	13.607	29.	10.5	21.468	4.633	10.75	11.	14.	21.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/23/86-08/20/96	12	0.9	0.85	2.	0.2	0.203	0.45	0.26	0.6	1.	1.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/86-08/20/96	23	3520.	3420.217	3850.	2380.	112291.996	335.1	2770.	3400.	3540.	3748.
00400	PH (STANDARD UNITS)	06/23/86-08/20/96	25	7.3	7.351	7.8	6.9	0.079	0.281	7.006	7.1	7.6	7.74
00400	CONVERTED PH (STANDARD UNITS)	06/23/86-08/20/96	25	7.3	7.269	7.8	6.9	0.086	0.294	7.006	7.1	7.6	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/86-08/20/96	25	0.05	0.054	0.126	0.016	0.001	0.032	0.018	0.025	0.079	0.099

** - Less 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: DINO0256

NPS Station ID: DINO0256
LAT/LON: 40.349667/-109.372660
Agency: 21UTAH
Date Created: 03/08/80
Location: DIVERSION FROM ASHLEY CK TO STEWART L WFMA
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 493727
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060002001
RF1 Mile Point: 0.770
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14060001044400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: DINO0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/82-04/27/82	1	16.7	16.7	16.7	16.7	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/27/82-04/27/82	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/27/82-04/27/82	1	2290.	2290.	2290.	2290.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/82-04/27/82	1	2230.	2230.	2230.	2230.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/27/82-04/27/82	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/27/82-04/27/82	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/27/82-04/27/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/27/82-04/27/82	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/27/82-04/27/82	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/82-04/27/82	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/82-04/27/82	1	215.	215.	215.	215.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/27/82-04/27/82	1	262.	262.	262.	262.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/27/82-04/27/82	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/82-04/27/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/82-04/27/82	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/27/82-04/27/82	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/82-04/27/82	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/82-04/27/82	1	12.4	12.4	12.4	12.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/82-04/27/82	1	1165.	1165.	1165.	1165.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/82-04/27/82	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/82-04/27/82	1	137.	137.	137.	137.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/27/82-04/27/82	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/27/82-04/27/82	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/27/82-04/27/82	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/27/82-04/27/82	1	1170.	1170.	1170.	1170.	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/27/82-04/27/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/82-04/27/82	1	2062.	2062.	2062.	2062.	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/27/82-04/27/82	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/27/82-04/27/82	1	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1	175.	175.	175.	175.	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DINO0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/27/82-04/27/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00				1	0	0.00						
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00				1	0	0.00						
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	1	1.00				1	1	1.00						
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DINO0257

NPS Station ID: DINO0257
LAT/LON: 40.426392/-109.377810
Agency: 11NPSWRD
Date Created: 03/07/98
Location: C01279
FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DINO_NURE_50 /NURE_1155402
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14060002
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: GREEN RIVER
ECO Region:
RF1 Index: 14060002
RF1 Mile Point: 0.000
Distance from RF1: 28.00
On/Off RF1:
RF3 Index: 14040109001603.27
RF3 Mile Point: 4.77
Distance from RF3: 0.05
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE NAPLES; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/78-07/29/78	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/78-07/29/78	1	490.	490.	490.	490.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/29/78-07/29/78	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/29/78-07/29/78	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/78-07/29/78	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/29/78-07/29/78	1	1.02	1.02	1.02	1.02	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0257

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0258

NPS Station ID: DINO0258 | LAT/LON: 40.514698/-109.387809 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01565 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_52 /NURE_1155477
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE DONKEY FLAT; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/78-07/29/78	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/78-07/29/78	1	830.	830.	830.	830.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/29/78-07/29/78	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/29/78-07/29/78	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/78-07/29/78	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/29/78-07/29/78	1	1.14	1.14	1.14	1.14	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DINO0258

				Total	Exceed	Prop.	----------9/01-2/29----------			----------3/01-5/31----------			----------6/01-8/31----------			----------n/a----------		
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.	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: DINO0259

NPS Station ID: DINO0259 | LAT/LON: 40.464393/-109.396698 | Agency: 11NPSWRD | Date Created: 03/07/98
Location: C01277 | FIPS State/County: 49047 UTAH/UINTAH
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): DINO_NURE_45 /NURE_1155401
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14060002 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: GREEN RIVER | ECO Region:
RF1 Index: 14060002 | RF1 Mile Point: 0.000 | Distance from RF1: 28.00 | On/Off RF1:
RF3 Index: 14040109001603.27 | RF3 Mile Point: 4.77 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE NAPLES; UT-UINTAH CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE DINOSAUR NATIONAL MONUMENT BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" FIELD ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: DINO0259

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/78-08/08/78	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/78-08/08/78	1	490.	490.	490.	490.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/78-08/08/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/78-08/08/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/78-08/08/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/08/78-08/08/78	1	2.27	2.27	2.27	2.27	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: DINO0259

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Entire DINO Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	824 &	253	0.31	348	51	0.15	258	139	0.54	218	63	0.29			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	141	17	0.12	13	1	0.08	23	0	0.00	105	16	0.15			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	938	10	0.01	427	2	0.00	260	3	0.01	251	5	0.02			
00400	PH	Fresh Chronic	9.	1039	4	0.00	413	3	0.01	275	0	0.00	351	1	0.00			
		Other-Lo Lim.	6.5	1039	5	0.00	413	2	0.00	275	0	0.00	351	3	0.01			
00403	PH, LAB	Fresh Chronic	9.	199	0	0.00	71	0	0.00	64	0	0.00	64	0	0.00			
		Other-Lo Lim.	6.5	199	0	0.00	71	0	0.00	64	0	0.00	64	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	803	12	0.01	316	8	0.03	205	3	0.01	282	1	0.00			
		Other-Lo Lim.	6.5	803	2	0.00	316	1	0.00	205	0	0.00	282	1	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	78	0	0.00	39	0	0.00	15	0	0.00	24	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	534 &	2	0.00	234	0	0.00	166	1	0.01	134	1	0.01			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	84	0	0.00	44	0	0.00	16	0	0.00	24	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	575	3	0.01	252	2	0.01	175	1	0.01	148	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	383	0	0.00	187	0	0.00	101	0	0.00	95	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	334	0	0.00	143	0	0.00	103	0	0.00	88	0	0.00			
00723	CYANIDE, DISSOLVED STD METHOD	Fresh Acute	22.	77	0	0.00	37	0	0.00	22	0	0.00	18	0	0.00			
		Drinking Water	200.	77	0	0.00	37	0	0.00	22	0	0.00	18	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	537	0	0.00	231	0	0.00	148	0	0.00	158	0	0.00			
		Drinking Water	250.	537	5	0.01	231	5	0.02	148	0	0.00	158	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	821	0	0.00	318	0	0.00	227	0	0.00	276	0	0.00			
		Drinking Water	250.	821	7	0.01	318	1	0.00	227	1	0.00	276	5	0.02			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	601	55	0.09	266	25	0.09	164	20	0.12	171	10	0.06			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	824	375	0.46	321	150	0.47	227	125	0.55	276	100	0.36			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	513	1	0.00	198	0	0.00	143	0	0.00	172	1	0.01			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	48	0	0.00	20	0	0.00	13	0	0.00	15	0	0.00			
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	96	0	0.00	42	0	0.00	25	0	0.00	29	0	0.00			
		Drinking Water	50.	96	0	0.00	42	0	0.00	25	0	0.00	29	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	57	0	0.00	27	0	0.00	17	0	0.00	13	0	0.00			
		Drinking Water	50.	57	0	0.00	27	0	0.00	17	0	0.00	13	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	177	0	0.00	36	0	0.00	26	0	0.00	115	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	162	4	0.02	48	3	0.06	26	0	0.00	88	1	0.01			
		Drinking Water	5.	162	3	0.02	48	2	0.04	26	0	0.00	88	1	0.01			
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	82	0	0.00	33	0	0.00	22	0	0.00	27	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	175	0	0.00	72	0	0.00	63	0	0.00	40	0	0.00			
		Drinking Water	100.	175	0	0.00	72	0	0.00	63	0	0.00	40	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	108	4	0.04	44	0	0.00	30	4	0.13	34	0	0.00			
		Drinking Water	1300.	108	0	0.00	44	0	0.00	30	0	0.00	34	0	0.00			
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	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.	96	0	0.00	42	0	0.00	25	0	0.00	29	0	0.00			
		Drinking Water	15.	96	1	0.01	42	1	0.02	25	0	0.00	29	0	0.00			
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	26	0	0.00	6	0	0.00	7	0	0.00	13	0	0.00			
		Drinking Water	100.	26	0	0.00	6	0	0.00	7	0	0.00	13	0	0.00			
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	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			
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	100.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			

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

EPA Water Quality Criteria Analysis for Entire DINO Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01075	SILVER, DISSOLVED	Fresh Acute	4.1	141	0	0.00	38	0	0.00	21	0	0.00	82	0	0.00			
		Drinking Water	100.	141	0	0.00	38	0	0.00	21	0	0.00	82	0	0.00			
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	28 &	1	0.04	15	0	0.00	7	1	0.14	6	0	0.00			
		Drinking Water	100.	29	0	0.00	15	0	0.00	8	0	0.00	6	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	238	0	0.00	57	0	0.00	51	0	0.00	130	0	0.00			
		Drinking Water	5000.	238	0	0.00	57	0	0.00	51	0	0.00	130	0	0.00			
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	109	5	0.05	54	2	0.04	28	1	0.04	27	2	0.07			
		Drinking Water	5000.	109	0	0.00	54	0	0.00	28	0	0.00	27	0	0.00			
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	108	0	0.00	55	0	0.00	28	0	0.00	25	0	0.00			
		Drinking Water	5.	108	0	0.00	55	0	0.00	28	0	0.00	25	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	109	0	0.00	54	0	0.00	29	0	0.00	26	0	0.00			
		Drinking Water	15.	109	7	0.06	54	3	0.06	29	2	0.07	26	2	0.08			
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	8	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	104	4	0.04	52	1	0.02	28	3	0.11	24	0	0.00			
		Drinking Water	1300.	104	0	0.00	52	0	0.00	28	0	0.00	24	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	151	9	0.06	60	1	0.02	45	3	0.07	46	5	0.11			
		Drinking Water	50.	151	3	0.02	60	0	0.00	45	1	0.02	46	2	0.04			
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	50	1	0.02	25	1	0.04	14	0	0.00	11	0	0.00			
		Drinking Water	50.	50	1	0.02	25	1	0.04	14	0	0.00	11	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	612	9	0.01	274	7	0.03	192	0	0.00	146	2	0.01			
		Drinking Water	50.	612	0	0.00	274	0	0.00	192	0	0.00	146	0	0.00			
07000	TRITIUM, TOTAL	Drinking Water	20000.	25	0	0.00	6	0	0.00	5	0	0.00	14	0	0.00			
09501	RADIUM 226, TOTAL	Drinking Water	5.	9 &	1	0.11	3	0	0.00	2	0	0.00	4	1	0.25			
09503	RADIUM 226, DISSOLVED	Drinking Water	5.	1	0	0.00	1	0	0.00									
11501	RADIUM 228, TOTAL	Drinking Water	5.	14	1	0.07	2	0	0.00	4	1	0.25	8	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	1	0	0.00				1	0	0.00						
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	87	23	0.26	38	9	0.24	7	2	0.29	42	12	0.29			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	48	0	0.00	24	0	0.00	12	0	0.00	12	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	61	8	0.13	28	3	0.11	17	2	0.12	16	3	0.19			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	172	43	0.25	65	12	0.18	56	17	0.30	51	14	0.27			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	1	0.50							2	1	0.50			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	146	35	0.24	47	10	0.21	56	11	0.20	43	14	0.33			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	127	21	0.17	61	4	0.07	35	8	0.23	31	9	0.29			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	48	0	0.00	24	0	0.00	12	0	0.00	12	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	2	0	0.00				2	0	0.00						
38865	OXAMYL, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
39033	ATRAZINE IN WHOLE WATER SAMPLE	Drinking Water	3.	2	0	0.00	1	0	0.00				1	0	0.00			
39053	ALDICARB IN WHOLE WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	6	0	0.00	1	0	0.00				5	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	11	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	13	0	0.00	3	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	0.2	13	0	0.00	3	0	0.00	2	0	0.00	8	0	0.00			

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EPA Water Quality Criteria Analysis for Entire DINO Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-2/29 Obs	9/01-2/29 Exceed	9/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	11	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	2.	11	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	4	0	0.00							4	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	4	0	0.00							4	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00							4	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	11	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	4	0	0.00							4	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	13	0	0.00	3	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	2.	13	0	0.00	3	0	0.00	2	0	0.00	8	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	13	0	0.00	3	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	3.	13	0	0.00	3	0	0.00	2	0	0.00	8	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	11	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	0.4	11	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	11	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	0.2	11	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	12	0	0.00	3	0	0.00	2	0	0.00	7	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	4	0	0.00							4	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	4	0	0.00							4	0	0.00			
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	4	0	0.00							4	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	13	0	0.00	3	0	0.00	2	0	0.00	8	0	0.00			
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	2	0	0.00							2	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	12	0	0.00	3	0	0.00	2	0	0.00	7	0	0.00			
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	2	0	0.00							2	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	153	0	0.00	33	0	0.00	15	0	0.00	105	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	75	0	0.00	33	0	0.00	19	0	0.00	23	0	0.00			
		Drinking Water	2.	75	0	0.00	33	0	0.00	19	0	0.00	23	0	0.00			
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	2.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
81287	DNBP(C10H12N2O5), WHOLE WATER SAMPLE	Drinking Water	7.	2	0	0.00	1	0	0.00				1	0	0.00			
81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	601	0	0.00	268	0	0.00	185	0	0.00	148	0	0.00			
		Drinking Water	50.	601	0	0.00	268	0	0.00	185	0	0.00	148	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	596	1	0.00	264	1	0.00	186	0	0.00	146	0	0.00			
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WA	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	591	6	0.01	263	1	0.00	185	5	0.03	143	0	0.00			
		Drinking Water	5.	591	4	0.01	263	1	0.00	185	3	0.02	143	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	593	1	0.00	263	1	0.00	185	0	0.00	145	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	599	62	0.10	267	25	0.09	186	32	0.17	146	5	0.03			
		Drinking Water	1300.	599	0	0.00	267	0	0.00	186	0	0.00	146	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	590	0	0.00	262	0	0.00	185	0	0.00	143	0	0.00			
		Drinking Water	15.	590	15	0.03	262	1	0.00	185	12	0.06	143	2	0.01			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	591	2	0.00	263	0	0.00	184	0	0.00	144	2	0.01			
		Drinking Water	2.	591	2	0.00	263	0	0.00	184	0	0.00	144	2	0.01			
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	294	0	0.00	126	0	0.00	93	0	0.00	75	0	0.00			
		Drinking Water	100.	294	0	0.00	126	0	0.00	93	0	0.00	75	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	580 &	6	0.01	252	1	0.00	185	5	0.03	143	0	0.00			
		Drinking Water	100.	591	0	0.00	263	0	0.00	185	0	0.00	143	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	601	5	0.01	268	1	0.00	186	4	0.02	147	0	0.00			
		Drinking Water	5000.	601	0	0.00	268	0	0.00	186	0	0.00	147	0	0.00			

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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 DINO 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 DINO Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1267	448	506	313	134
00440	BICARBONATE ION (MG/L AS HCO3)	1036	313	455	268	39
00445	CARBONATE ION (MG/L AS CO3)	635	313	112	210	33
		2938	1074	1073	791	206(138)[!]

pH		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	1039	468	291	280	97
00403	PH, LAB (STANDARD UNITS)	199	144	55	0	15
00406	PH, FIELD (STANDARD UNITS)	803	462	300	41	107
		2041	1074	646	321	219(196)[!]

Conductivity		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	737	446	291	0	146
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1731	673	709	349	111
		2468	1119	1000	349	257(243)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	141	95	46	0	124
00300	OXYGEN, DISSOLVED (MG/L)	938	455	401	82	31
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	96	35	56	5	1
		1175	585	503	87	156(155)[!]

Water Temperature		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1983	817	817	349	231
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	2	0	2	0	2
		1985	817	819	349	233(233)[!]

Flow		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00058	FLOW RATE, GALLONS/MIN.	121	115	6	0	77
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	9	4	0	5	9
00060	FLOW, STREAM, MEAN DAILY CFS	409	0	11	398	7
00061	FLOW, STREAM, INSTANTANEOUS CFS	1459	677	676	106	32
00065	STAGE, STREAM (FEET)	31	16	14	1	2
		2029	812	707	510	127(116)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	826	311	480	35	49
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	931	413	453	65	21
		1757	724	933	100	70 (56)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	1	0	1	0	1
00602	NITROGEN, DISSOLVED (MG/L AS N)	4	0	4	0	4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	109	71	38	0	6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	892	347	466	79	17
00612	AMMONIA, UNIONZED (MG/L AS N)	112	33	50	29	1
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	84	51	0	33	7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	575	130	366	79	19
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	6	1	5	0	5
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	766	273	445	48	18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	383	63	320	0	16
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	334	179	116	39	17
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	38	12	26	0	1
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	3	0	0	3	2
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	153	101	0	52	110
		3460	1261	1837	362	224(144)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	76	0	0	76	5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	162	0	56	106	9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	812	348	461	3	15
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	136	106	30	0	9
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	343	217	87	39	102
		1529	671	634	224	140(117)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1344	448	548	348	130
00945	SULFATE, TOTAL (MG/L AS SO4)	601	123	179	299	38
00946	SULFATE, DISSOLVED (MG/L AS SO4)	824	413	411	0	105
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	1357	585	514	258	103
		4126	1569	1652	905	376(151)[1]

Bacteria		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	48	0	0	48	4
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	61	0	18	43	1
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	172	22	150	0	9
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	2	0	2	0	2
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	146	21	125	0	9
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	127	33	52	42	1
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	48	0	0	48	4
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	1	1	0	0	1
		605	77	347	181	31 (17)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01000	ARSENIC, DISSOLVED (UG/L AS AS)	96	71	25	0	17
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	601	219	382	0	12
01002	ARSENIC, TOTAL (UG/L AS AS)	57	0	27	30	1
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	6	0	6	0	1
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	1	0	1	0	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	162	150	12	0	79
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	591	219	372	0	11
01026	CADMIUM, SUSPENDED (UG/L AS CD)	1	0	1	0	1
01027	CADMIUM, TOTAL (UG/L AS CD)	1	0	1	0	1
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	108	20	58	30	1
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	82	71	11	0	17
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	593	219	374	0	12
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	175	0	144	31	10
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	8	0	8	0	1
01040	COPPER, DISSOLVED (UG/L AS CU)	108	86	19	3	23
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	599	220	379	0	11
01041	COPPER, SUSPENDED (UG/L AS CU)	1	0	1	0	1
01042	COPPER, TOTAL (UG/L AS CU)	1	0	1	0	1
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	104	13	60	31	1
01049	LEAD, DISSOLVED (UG/L AS PB)	96	86	10	0	18
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	590	219	371	0	11
01050	LEAD, SUSPENDED (UG/L AS PB)	1	0	1	0	1
01051	LEAD, TOTAL (UG/L AS PB)	1	0	1	0	1
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	109	18	60	31	1
71890	MERCURY, DISSOLVED (UG/L AS HG)	75	70	5	0	16
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	591	220	371	0	11
71895	MERCURY, SUSPENDED (UG/L AS HG)	1	0	1	0	1
71900	MERCURY, TOTAL (UG/L AS HG)	10	0	10	0	2
01065	NICKEL, DISSOLVED (UG/L AS NI)	26	15	11	0	17
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	294	0	294	0	11
01066	NICKEL, SUSPENDED (UG/L AS NI)	1	0	1	0	1
01067	NICKEL, TOTAL (UG/L AS NI)	1	0	1	0	1
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7	0	7	0	1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	151	136	15	0	20
01146	SELENIUM, SUSPENDED (UG/L AS SE)	1	0	1	0	1
01147	SELENIUM, TOTAL (UG/L AS SE)	50	3	18	29	4
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	612	237	375	0	11
01075	SILVER, DISSOLVED (UG/L AS AG)	141	134	7	0	79
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	591	219	372	0	11
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	29	0	18	11	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	238	223	15	0	110
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	601	220	381	0	11
01091	ZINC, SUSPENDED (UG/L ZN)	1	0	1	0	1
01092	ZINC, TOTAL (UG/L AS ZN)	109	20	58	31	2
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	77	0	47	30	1
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	2	2	0	0	2
32104	BROMOFORM, WHOLE WATER, (UG/L)	1	1	0	0	1
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	1	1	0	0	1
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	1	1	0	0	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	1	1	0	0	1
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	1	1	0	0	1
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	1	1	0	0	1
34696	NAPHTHALENE, TOTAL (UG/L)	2	2	0	0	2
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11	11	0	0	5
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	6	6	0	0	1

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 12/16/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	6	6	0	0	1
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	13	13	0	0	5
46323	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	6	6	0	0	1
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	11	11	0	0	5
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	7	7	0	0	1
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	9	9	0	0	1
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	7	7	0	0	1
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11	11	0	0	5
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	6	6	0	0	1
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	6	6	0	0	1
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	6	6	0	0	1
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	13	13	0	0	5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11	11	0	0	5
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11	11	0	0	5
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	6	6	0	0	1
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	7	7	0	0	1
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	6	6	0	0	1
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	6	6	0	0	1
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	6	6	0	0	1
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	6	6	0	0	1
34671	PCB - 1016, TOTAL (UG/L)	6	6	0	0	1
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	13	13	0	0	5
		7917	3326	4334	257	625(129)[!]

[!]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	2938	1074	36.6	138	53.5	21.3	06/16/47-12/15/99	56.0
pH	2041	1074	52.6	196	76.0	10.4	05/04/50-12/16/99	41.1
Conductivity	2468	1119	45.3	243	94.2	10.2	06/16/47-12/16/99	47.0
Dissolved Oxygen	1175	585	49.8	155	60.1	7.6	09/10/65-12/16/99	34.3
Water Temperature	1985	817	41.2	233	90.3	8.5	09/18/48-12/16/99	38.7
Flow	2029	812	40.0	116	45.0	17.5	06/16/47-12/16/99	38.6
Clarity/Turbidity	1757	724	41.2	56	21.7	31.4	03/27/68-12/16/99	55.4
Nitrate/Nitrogen	3460	1261	36.4	144	55.8	24.0	06/16/47-12/15/99	65.9
Phosphate/Phosphorus	1529	671	43.9	117	45.3	13.1	01/22/68-12/16/99	47.9
Chlorophyll	0	0	0.0	0	0.0	0.0	No Data For Group	0.0
Sulfates/Total Dissolved Solids/Hardness	4126	1569	38.0	151	58.5	27.3	06/16/47-12/16/99	78.6
Bacteria	605	77	12.7	17	6.6	35.6	03/27/68-11/08/96	21.1
Toxic Elements	7917	3326	42.0	129	50.0	61.4	03/27/68-12/15/99	249.6

Water Quality Observations
Outside STORET Edit Criteria for DINO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DINO0012	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	700910	1100	1200.0000000	21COL001	000040	
DINO0089	00440	BICARBONATE ION (MG/L AS HCO3)	721019		478.0000000	112WRD	401844108554400	
DINO0198	00440	BICARBONATE ION (MG/L AS HCO3)	700521		716.0000000	112WRD	403027109121201	
DINO0208	00300	OXYGEN, DISSOLVED MG/L	780712	1330	35.0000000	112WRD	09261000	
DINO0209	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	780404	1030	1500.0000000	21UTAH	493790	
DINO0209	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	990427	1649	7852.0000000	21UTAH	493790	
DINO0209	31672	FEC. STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	810416	1100	9999000.0000000	21UTAH	493790	X
DINO0230	00405	CARBON DIOXIDE (MG/L AS CO2)	750603	0800	146.0000000	21UTAH	493775	
DINO0230	00405	CARBON DIOXIDE (MG/L AS CO2)	750603	0800	146.0000000	21UTAH	493775	
DINO0232	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	881004	1810	21060.0000000	21UTAH	493788	
DINO0243	00440	BICARBONATE ION (MG/L AS HCO3)	820713	0845	490.0000000	21UTAH	493723	
DINO0243	00440	BICARBONATE ION (MG/L AS HCO3)	830525	0910	454.0000000	21UTAH	493723	
DINO0243	00440	BICARBONATE ION (MG/L AS HCO3)	850326	0930	462.0000000	21UTAH	493723	
DINO0243	00440	BICARBONATE ION (MG/L AS HCO3)	850604	0910	452.0000000	21UTAH	493723	
DINO0243	00440	BICARBONATE ION (MG/L AS HCO3)	860304	0840	457.0000000	21UTAH	493723	
DINO0243	00440	BICARBONATE ION (MG/L AS HCO3)	860925	1125	466.0000000	21UTAH	493723	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	810311	0720	506.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	810805	0650	460.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	810924	1100	456.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	820810	1100	454.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	821027	1015	484.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	821117	1450	472.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	821221	1130	540.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	830322	1330	458.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	831025	1020	456.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	841031	1400	474.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	841031	1400	474.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	850326	0925	492.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	860304	0850	576.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	860925	1140	452.0000000	21UTAH	493722	
DINO0244	00440	BICARBONATE ION (MG/L AS HCO3)	870325	0814	556.0000000	21UTAH	493722	
DINO0245	00440	BICARBONATE ION (MG/L AS HCO3)	820810	1005	464.0000000	21UTAH	493725	
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	820204	1115	488.0000000	21UTAH	493724	
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	820218	1025	576.0000000	21UTAH	493724	
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	840215	1550	466.0000000	21UTAH	493724	
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	840215	1550	466.0000000	21UTAH	493724	
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	840313	1325	524.0000000	21UTAH	493724	
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	840313	1325	524.0000000	21UTAH	493724	
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	860114	1300	520.0000000	21UTAH	493724	
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	880120	1220	556.0000000	21UTAH	493724	
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	910123	1100	694.0000000	21UTAH	493724	

Water Quality Observations
Outside STORET Edit Criteria for DINO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DINO0248	00440	BICARBONATE ION (MG/L AS HCO3)	920122	1030	572.0000000	21UTAH	493724	
DINO0248	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	860114	1300	4062.0000000	21UTAH	493724	
DINO0248	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	910123	1100	4126.0000000	21UTAH	493724	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	810311	0825	454.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	810417	0855	476.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	810512	1440	452.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	820204	1150	482.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	820428	1330	484.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	820526	1755	458.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	820713	0915	460.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	821026	1050	468.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	821117	1510	470.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	821221	1205	464.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	830118	0940	478.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	830322	1350	492.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	830525	0930	464.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	831025	1105	462.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	831214	1430	474.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	840328	0830	480.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	840328	0830	480.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	840613	0930	464.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	840613	0930	464.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	841031	1445	478.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	841031	1445	478.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	850108	1210	482.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	850326	0950	490.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	850604	0930	472.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	850827	0915	473.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	851219	1105	483.0000000	21UTAH	493726	
DINO0251	00440	BICARBONATE ION (MG/L AS HCO3)	860304	0905	496.0000000	21UTAH	493726	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	810310	0940	488.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	810417	0825	466.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	810805	0830	468.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	810924	1320	464.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	811014	1625	456.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	820204	1230	458.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	820428	1400	484.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	820526	1845	488.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	820810	0840	490.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	821027	1130	494.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	821117	1530	488.0000000	21UTAH	493729	

Water Quality Observations
Outside STORET Edit Criteria for DINO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	821221	1245	484.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	830118	1010	492.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	830322	1420	502.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	830525	1005	484.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	830713	1505	496.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	831025	1140	494.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	831214	1500	504.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	840328	0900	506.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	840328	0900	506.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	840613	1015	518.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	840613	1015	518.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	841031	1540	482.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	841031	1540	482.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	850101	1330	480.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	850326	1055	490.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	850604	1020	482.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	850827	1000	510.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	851219	1145	473.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	860304	0940	493.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	860925	1255	527.0000000	21UTAH	493729	
DINO0253	00440	BICARBONATE ION (MG/L AS HCO3)	870325	0955	502.0000000	21UTAH	493729	
DINO0253	00946	SULFATE, DISSOLVED (MG/L AS SO4)	810310	0940	2750.0000000	21UTAH	493729	
DINO0253	00946	SULFATE, DISSOLVED (MG/L AS SO4)	810417	0825	2680.0000000	21UTAH	493729	
DINO0253	00946	SULFATE, DISSOLVED (MG/L AS SO4)	830322	1420	2675.0000000	21UTAH	493729	
DINO0253	00946	SULFATE, DISSOLVED (MG/L AS SO4)	830525	1005	2538.0000000	21UTAH	493729	
DINO0253	00946	SULFATE, DISSOLVED (MG/L AS SO4)	840328	0900	2900.0000000	21UTAH	493729	
DINO0253	00946	SULFATE, DISSOLVED (MG/L AS SO4)	840328	0900	2900.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810310	0940	4976.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810417	0825	4640.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	820204	1230	4152.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	820428	1400	4080.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	821221	1245	4050.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830118	1010	4142.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830322	1420	4464.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830525	1005	4206.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	831214	1500	4130.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840328	0900	4630.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	841031	1540	4110.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850101	1330	4346.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850326	1055	4290.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850604	1020	4050.0000000	21UTAH	493729	

Water Quality Observations
Outside STORET Edit Criteria for DINO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	851219	1145	4012.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	860304	0940	4168.0000000	21UTAH	493729	
DINO0253	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	870325	0955	4362.0000000	21UTAH	493729	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	810310	1540	494.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	810417	0840	490.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	810805	0810	484.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	810924	1300	464.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	820204	1210	492.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	820428	1340	486.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	820526	1810	480.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	820713	0925	490.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	820810	0900	496.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	821027	1115	494.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	821117	1515	494.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	821221	1225	492.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	830118	1000	500.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	830322	1400	506.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	830525	0945	504.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	830713	1445	502.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	831025	1125	524.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	831214	1440	532.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	840328	0840	532.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	840328	0840	532.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	840613	0950	514.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	840613	0950	514.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	841031	1510	502.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	841031	1510	502.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	850108	1240	512.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	850326	1015	522.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	850604	0930	533.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	850827	0935	527.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	851219	1120	517.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	860304	0920	540.0000000	21UTAH	493728	
DINO0254	00440	BICARBONATE ION (MG/L AS HCO3)	870325	0935	522.0000000	21UTAH	493728	
DINO0254	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	830713	1445	5.5000000	21UTAH	493728	
DINO0254	00946	SULFATE, DISSOLVED (MG/L AS SO4)	810512	1430	2525.0000000	21UTAH	493728	
DINO0254	00946	SULFATE, DISSOLVED (MG/L AS SO4)	810609	0740	2625.0000000	21UTAH	493728	
DINO0254	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810512	1430	4242.0000000	21UTAH	493728	
DINO0254	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810609	0740	4062.0000000	21UTAH	493728	
DINO0254	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810805	0810	4016.0000000	21UTAH	493728	
DINO0255	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930421	1355	4020.0000000	112WRD	402120109221901	

Water Quality Observations
Outside STORET Edit Criteria for DINO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DINO0255	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	960326	1210	4130.0000000	112WRD	402120109221901	

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) DINOTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) DINOSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) DINOAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) DINOAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) DINOOV0.DOC - Overview of park and retrieved data.

(e) DINOOV1.DOC - Station period of record table.

(f) DINOOV2.DOC - Parameter period of record table.

(g) DINOOV3.DOC - Station/parameter period of record table.

(h) DINOINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) DINOSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) DINOEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) DINOIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) DINOBAD.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 DINOOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\DINOOV1.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) DINOFIGS.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 DINO0001. 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 DINO0001) 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) DINOPARM.ZIP

This file compresses DINOPARM.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) DINOSITE.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) DINOWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) DINOIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) DINODRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) DINOGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) DINODAMS.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) DINOMISC.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) DINOEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) DINOTOC.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) DINOREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) DINOWQ - 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 (DINOWQA, DINOWQB, DINOWQC, etc.) and the index map name will end with an ampersand (&).

(g) DINOIDG - 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 (DINOIDGA, DINOIDGB, DINOIDGC, 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) DINOSEHY - 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 DINOFIGS.ZIP and DINOTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in DINOMISC.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) DINORF3.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) DINOWQMW.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: DINOPARM.DBF in DINOPARM.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: DINOPARM.DBF in DINOPARM.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: DINOPARM.DBF in DINOPARM.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: DINOWQ.DBF in DINOSITE.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: DINOWQ.DBF in DINOSITE.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: DINOIFD.DBF in DINOSITE.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: DINOIFD.DBF in DINOSITE.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: DINOIFD.DBF in DINOSITE.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: DINODRIN.DBF in DINOSITE.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: DINODRIN.DBF in DINOSITE.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: DINODRIN.DBF in DINOSITE.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: DINOGAGE.DBF in DINOSITE.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: DINOGAGE.DBF in DINOSITE.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: DINODAMS.DBF in DINOSITE.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: DINODAMS.DBF in DINOSITE.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: DINODAMS.DBF in DINOSITE.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: DINODAMS.DBF in DINOSITE.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 DINORF3.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 DINORF3.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 DINORF3.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 DINORF3.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 DINORF3.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 DINORF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20[c]			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20[c]			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20[c]			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020[c]			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20[c]			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[P]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[P]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250[s]			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20[c]			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		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+	1300[a]	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[t]	TURBIDITY, FIELD	NTU	Physical
	82079				50[t]	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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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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