Baseline Water Quality Data

Inventory and Analysis

Ozark National Scenic Riverways



Water Resources Division and Servicewide Inventory and Monitoring Program

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NATIONAL PARK SERVICE

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

OZARK NATIONAL SCENIC RIVERWAYS

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-95/70

DECEMBER 1995

United States Department of the Interior
National Park Service
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EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Ozark National Scenic Riverways (OZAR) 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 Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze 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 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 five municipal dischargers; one drinking water intake; 22 active or inactive U. S. Geological Survey (USGS) water gages (including stream, spring, and well); and six water impoundments. The results of the STORET retrieval for the study area yielded 28,858 observations for 519 separate parameters collected by the USGS, U. S. Forest Service, National Park Service, and Missouri Clean Water Commission at 111 monitoring stations. Seventy-nine stations were located within the park boundary. Most of the 111 sampling stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Thirty-one stations within the study area yielded longer-term records consisting of multiple observations for several important water quality parameters. Twenty-six stations yielding longer-term records within the park boundary are: (1) Current River Below Hawes Campground (OZAR 0004); (2) Big Spring - Access (OZAR 0005); (3) Big Spring Near Van Buren, MO (OZAR 0011); (4) Big Spring (OZAR 0012); (5) T26N R01E 06CDC1 (OZAR 0013); (6) Blue Spring Near Eminence, MO. (OZAR 0022); (7) Powder Mill - Access (OZAR 0030); (8) Current River Above Powder Mill (OZAR 0032); (9) Two Rivers - Current River (OZAR 0033); (10) Two Rivers - Jacks Fork (OZAR 0034); (11) Jacks Fork Above Two Rivers (OZAR 0035); (12) Shawnee - River Below (OZAR 0036); (13) Shawnee - Creek (OZAR 0037); (14) Round Spring - Lower Access (OZAR 0054); (15) Round Spring At Round Spring MO (OZAR 0056); (16) Round Spring (OZAR 0057); (17) Alley - Below 106 Bridge (OZAR 0066); (18) Alley Spring (OZAR 0068); (19) Alley Spring At Alley MO (OZAR 0069); (20) Alley - Above Camp (OZAR 0072); (21) Pulltite - Below Camp (OZAR 0075); (22) Pulltite - Upper Access (OZAR 0076); (23) Pulltite Spring Near Round Spring, MO (OZAR 0080); (24) Akers - Below Camp (OZAR 0084); (25) Akers - Upper Access (OZAR 0088); and (26) Welch Spring Near Akers MO (OZAR 0090). Five stations yielding longer-term records within the study area, but outside of the park boundary are: (1) Van Buren - Bridge (OZAR 0015); (2) Eminence - Below Trail Rides (Horse Camp) (OZAR 0044); (3) Eminence - Jacks Fork Campground (OZAR 0046); (4) Eminence - 19 Bridge (OZAR 0047); and (5) Montauk Springs At Montauk, MO (OZAR 0105)[†].

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 OZAR water quality criteria screen found nine parameters

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

that exceeded screening criteria at least once within the study area. The pH, cadmium, copper, lead, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Cadmium, lead, and silver exceeded their respective EPA drinking water criteria. Bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

The pH was measured 1,707 times at 103 monitoring stations throughout the study area from 1961 through 1995. Of the 1,706 observations used in the criteria analysis (see Composite Code Screen in the Methodology for explanation), one observation of 6.3 standard units (SU) in Alley Spring (OZAR 0068) was outside the pH range of 6.5 to 9.0 SU (EPA chronic criteria for freshwater aquatic life) in July 1990.

Turbidity was measured 97 times at 32 monitoring stations from 1961 through 1991. One observation of 66 Jackson Candle Units in an unnamed spring near Highway 106 (OZAR 0029) exceeded the WRD screening criterion of 50 turbidity units in May 1961.

Total coliform concentrations were measured once at 22 monitoring stations in 1973. One observation of 1,200 Colony Forming Units per 100 milliliters (CFU/100 ml) in the Current River Below Hawes Campground (OZAR 0004) exceeded the 1,000 CFU/100 ml bathing water criterion in April 1973. Fecal coliform concentrations were determined 2,118 times at 94 stations from 1973 through 1995. Of the 2,104 observations used in the criteria analysis (see Remark Code Screen and Composite Code Screen in the Methodology for explanation), 91 observations at 33 monitoring stations throughout the study area exceeded the 200 CFU/100 ml bathing water criterion. The highest reported fecal coliform concentration was 5,200 CFU/100 ml in the Jacks Fork River (OZAR 0035, OZAR 0073) in November 1992 and September 1993, respectively.

Cadmium concentrations (including dissolved and total) were measured 359 times at 18 monitoring stations from 1973 through 1995. Of the 327 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 15 observations in the Current River (OZAR 0004, OZAR 0032), and various Springs (OZAR 0011, OZAR 0022, OZAR 0056, OZAR 0069, OZAR 0080, OZAR 0090) exceeded the drinking water criterion of 5.0 micrograms per liter (µg/L) and/or the acute freshwater criterion of 3.9 µg/L. The highest reported concentration was 11 µg/L in Pulltite Spring Near Round Spring, MO (OZAR 0080) in May 1979.

Copper concentrations (including dissolved and total) were measured 78 times at 17 monitoring stations from 1973 through 1995. Three concentrations, ranging from 20 µg/L to 166 µg/L, in the Current River (OZAR 0032, OZAR 0089) and the Jacks Fork River above Two Rivers (OZAR 0035) exceeded the acute freshwater criterion of 18 µg/L in 1973.

Lead concentrations (including dissolved and total) were measured 371 times at 21 monitoring stations from 1973 through 1995. Of the 347 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 40 concentrations in the Current River (OZAR 0004, OZAR 0032), Jacks Fork River (OZAR 0035, OZAR 0073), and various Springs (OZAR 0011, OZAR 0022, OZAR 0056, OZAR 0069, OZAR 0080, OZAR 0090, OZAR 0105) exceeded the acute freshwater criterion of 82 µg/L and/or the drinking water action level of 15 µg/L. The highest reported concentration was 650 µg/L in Blue Spring Near Eminence, MO (OZAR 0022) in August 1973.

Silver concentrations (including dissolved and total) were measured 340 times at 15 monitoring stations from 1973 through 1995. Of the 311 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 200 µg/L in Blue Spring Near Eminence, MO (OZAR 0022) exceeded the secondary drinking water criterion of 100 µg/L and the acute freshwater criterion of 4.1 µg/L in August 1973.

Zinc concentrations (including dissolved and total) were measured 377 times at 21 monitoring stations from 1973 through 1995. Eighteen observations in the Current River (OZAR 0004, OZAR 0032), the Jacks Fork River above Two Rivers (OZAR 0035), and various Springs (OZAR 0011, OZAR 0022, OZAR 0056, OZAR 0069, OZAR

0080, OZAR 0090) exceeded the acute freshwater criterion of 120 µg/L. The highest reported concentration was 1,400 µg/L in Blue Spring Near Eminence, MO (OZAR 0022) in August 1973.

The IDEA conducted for OZAR indicates that STORET data exist for all Level I parameter groups in the study area. Sufficient quantities of timely data were retrieved for most of the required chemical parameters. Results for 25 of the 127 EPA priority toxic pollutants (consisting of inorganics and pesticides only) were retrieved from STORET.

Surface water resources in the OZAR study area include 134 miles of the Current and Jacks Fork Rivers, and numerous springs and creeks. Karst topography greatly influences water quantity and quality in this region. Several large springs, including Big Spring (the largest single-outlet spring in the world), are the primary sources of surface flow for the Jacks Fork and Current Rivers. The data inventories and analyses contained in this report indicate that surface waters within the study area are generally of excellent quality with some impacts from human activities. Potential sources of contaminants include recreational activities, agriculture, livestock grazing, logging, and lead mining.

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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.

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.

Julie Mattick and Scott Hermsen helped prepare the report and write the Executive Summary.

Joe Gregson and Elizabeth Eisenhauer provided digital cartographic support, both in determining retrieval/query areas and producing graphics.

Randy Siddens 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.

Vickie Baitinger served as the Production Technician and was responsible for executing the software and procedures to produce the park unit chapters.

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:

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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.

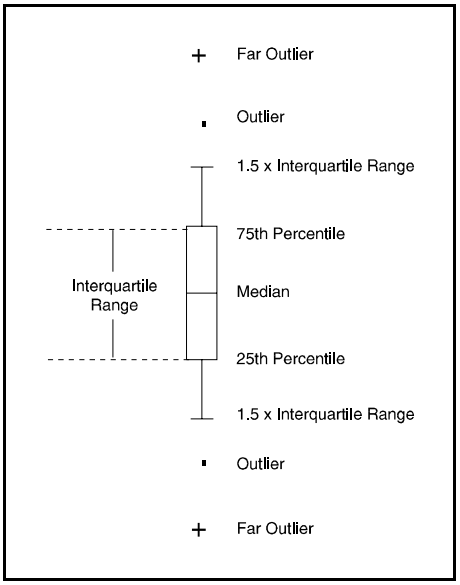
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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 OZAR[1]

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:	476896	82944
# STORET Stations:	111	79
# Stations With No Data:	1	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	31	26
Date of STORET Retrieval:	08/14/95	08/14/95
Period of Record:	03/27/61-04/12/95	03/27/61-04/11/95
# Parameters Measured:	519	515
# Water Quality Observations:	28858	23485
# Industrial/Municipal Facilities:	5	0
# Drinking Water Intakes:	1	0
# Water Gages:	22	13
# Water Impoundments:	6	0
# Total Plots:	179	157
# Time Series:	73	61
# Annual:	12	4
# Seasonal:	94	92

Hydrologic Definition of Seasons:

1. August 1 - October 31
2. November 1 - April 20
3. April 21 - July 31

Time Series Plot Criteria:

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

Annual Analysis Criteria:

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

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

Seasonal Analysis Criteria:

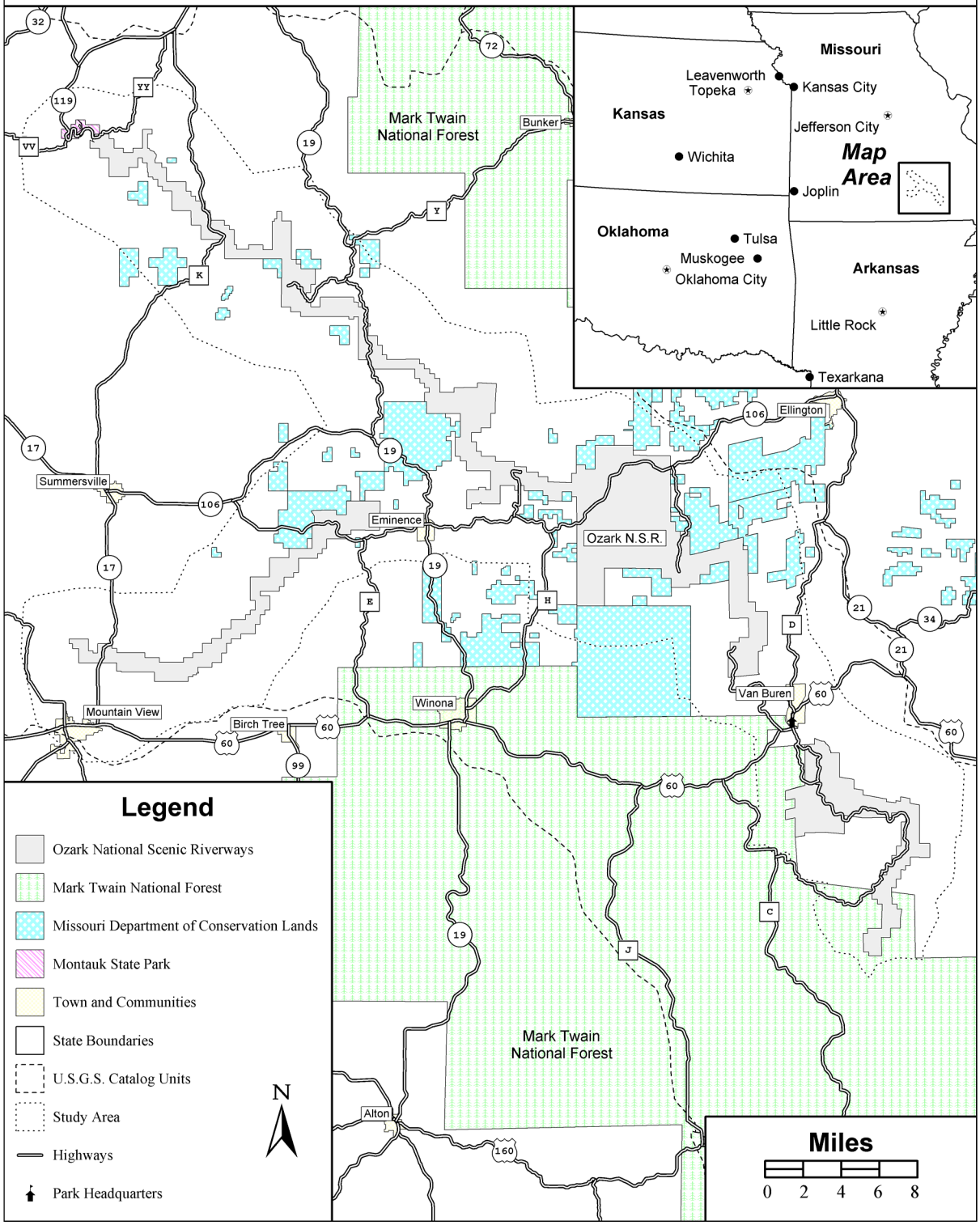
To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 20 years and observations in at least 4 of the 20 years.

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.

[1]To prepare a Microsoft Word version of this report, data were reprocessed 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).

Ozark National Scenic Riverways

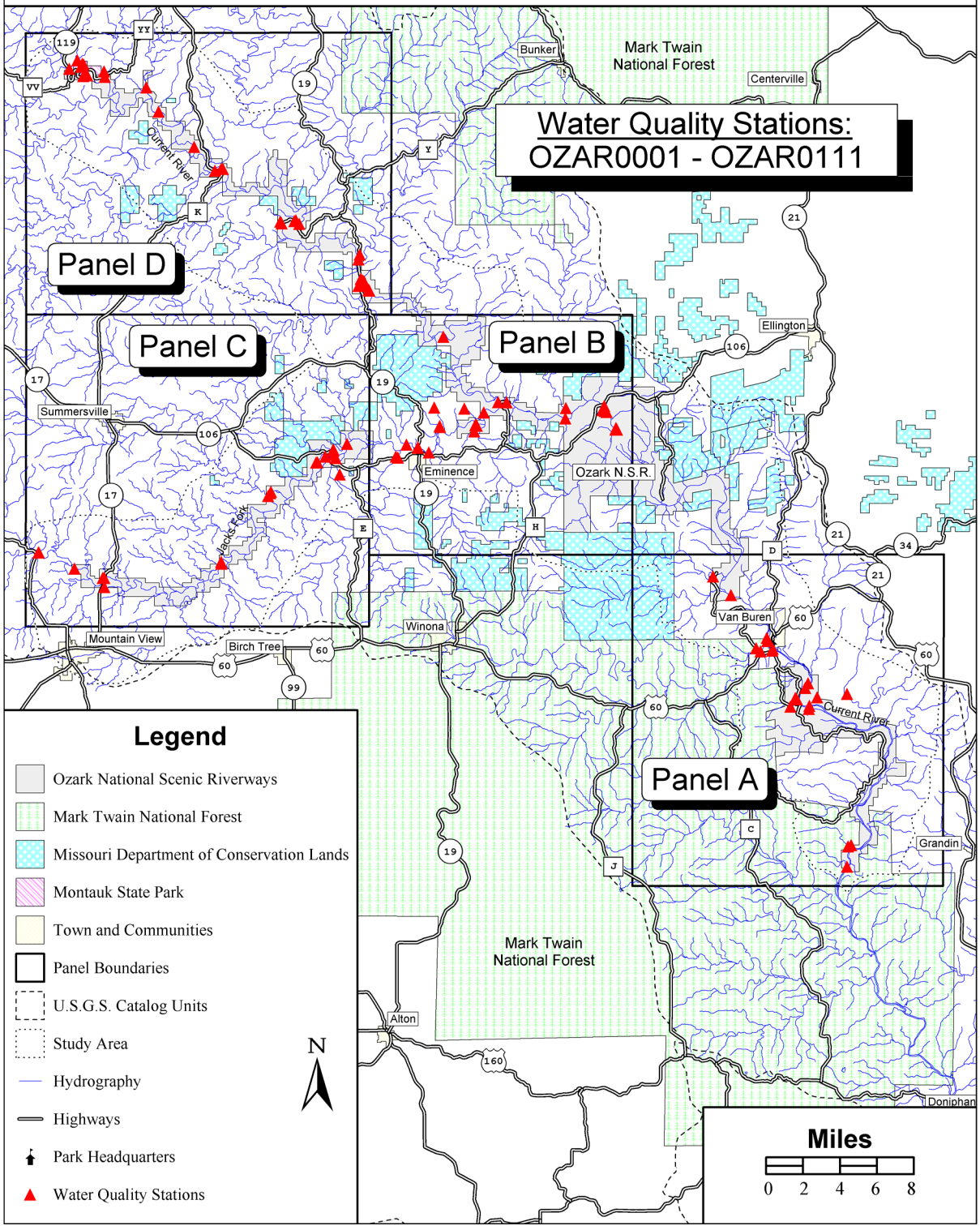
Regional Location Map



Ozark National Scenic Riverways

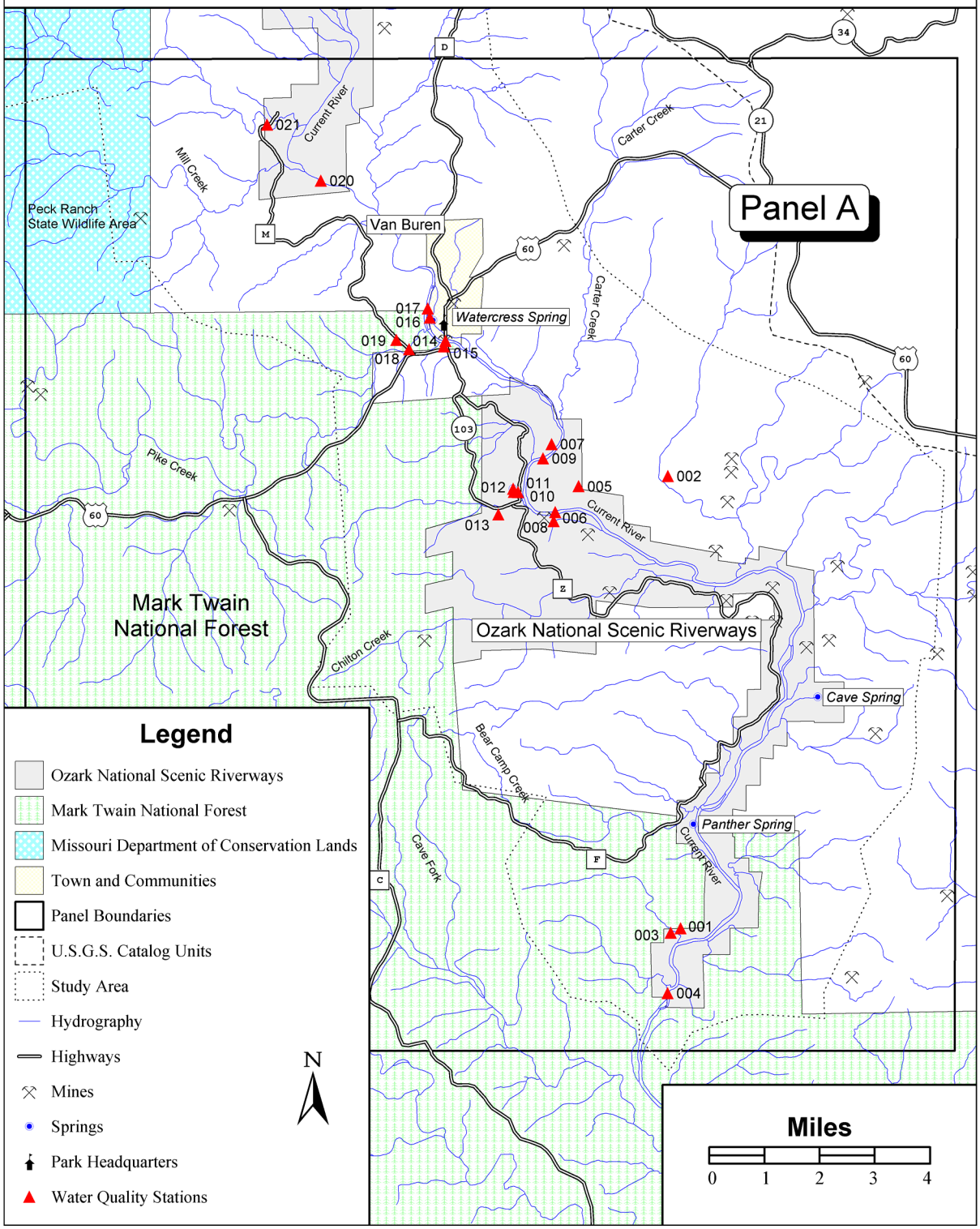
Water Quality Monitoring Locations

Graphic Panel Index



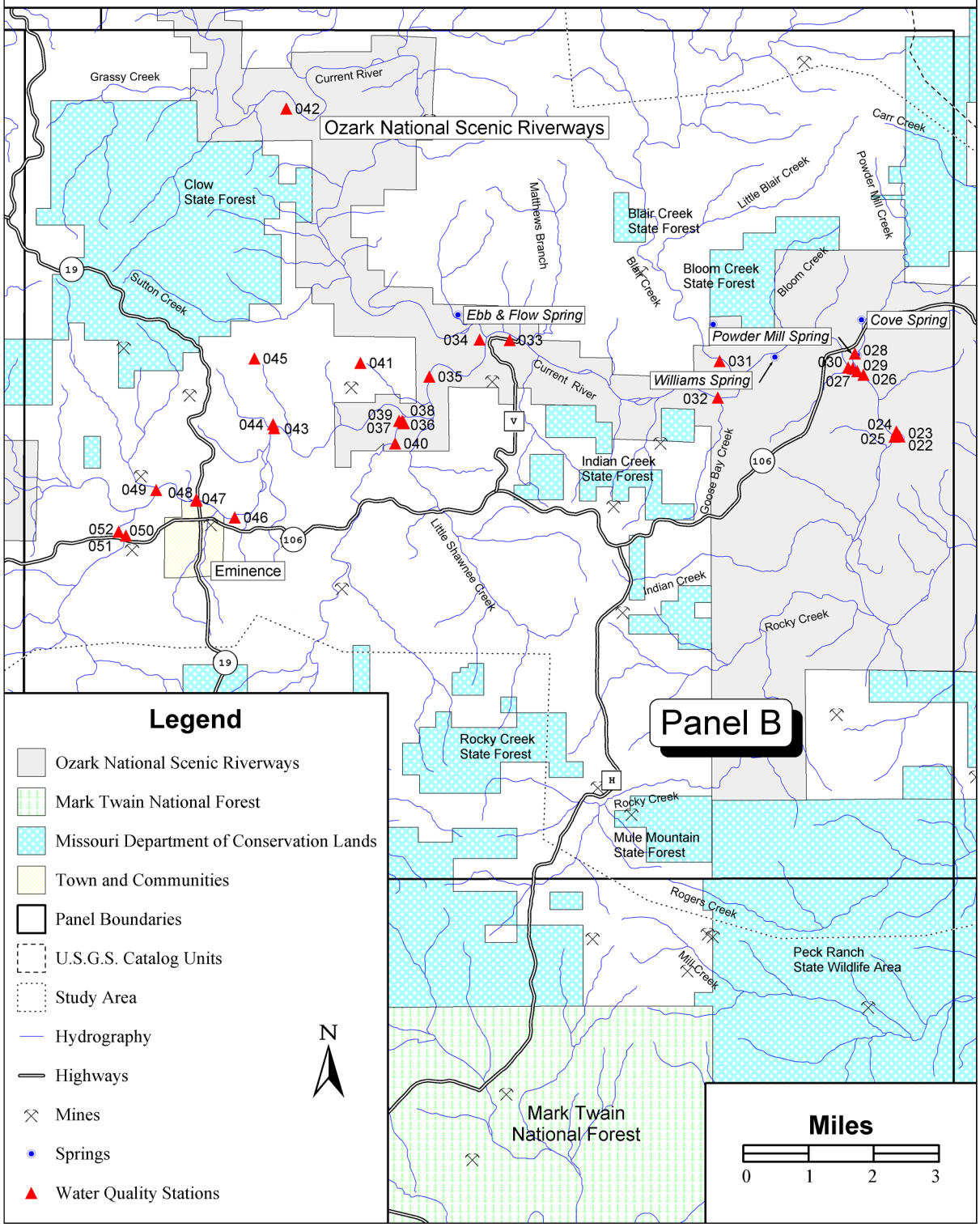
Ozark National Scenic Riverways

Water Quality Monitoring Locations



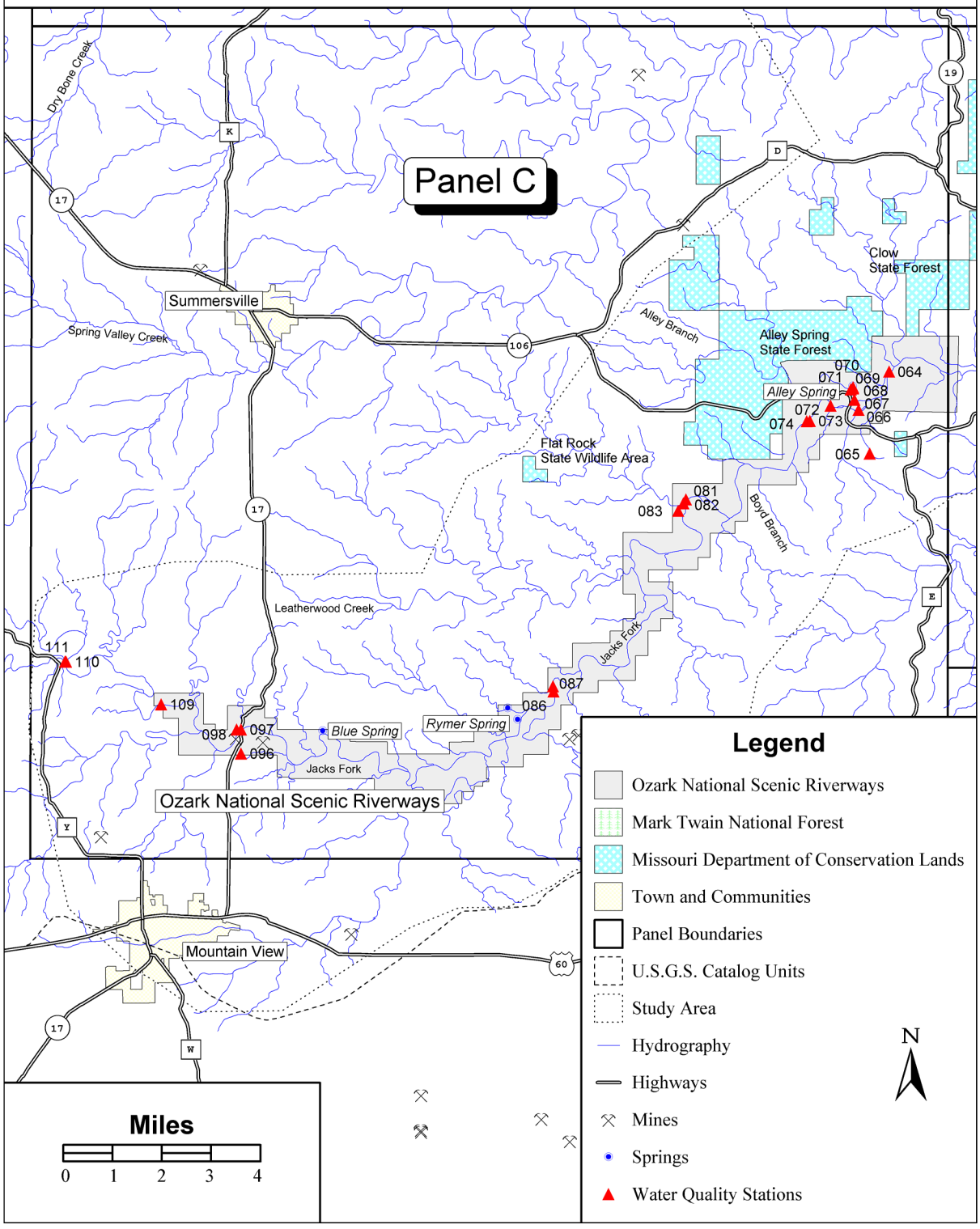
Ozark National Scenic Riverways

Water Quality Monitoring Locations



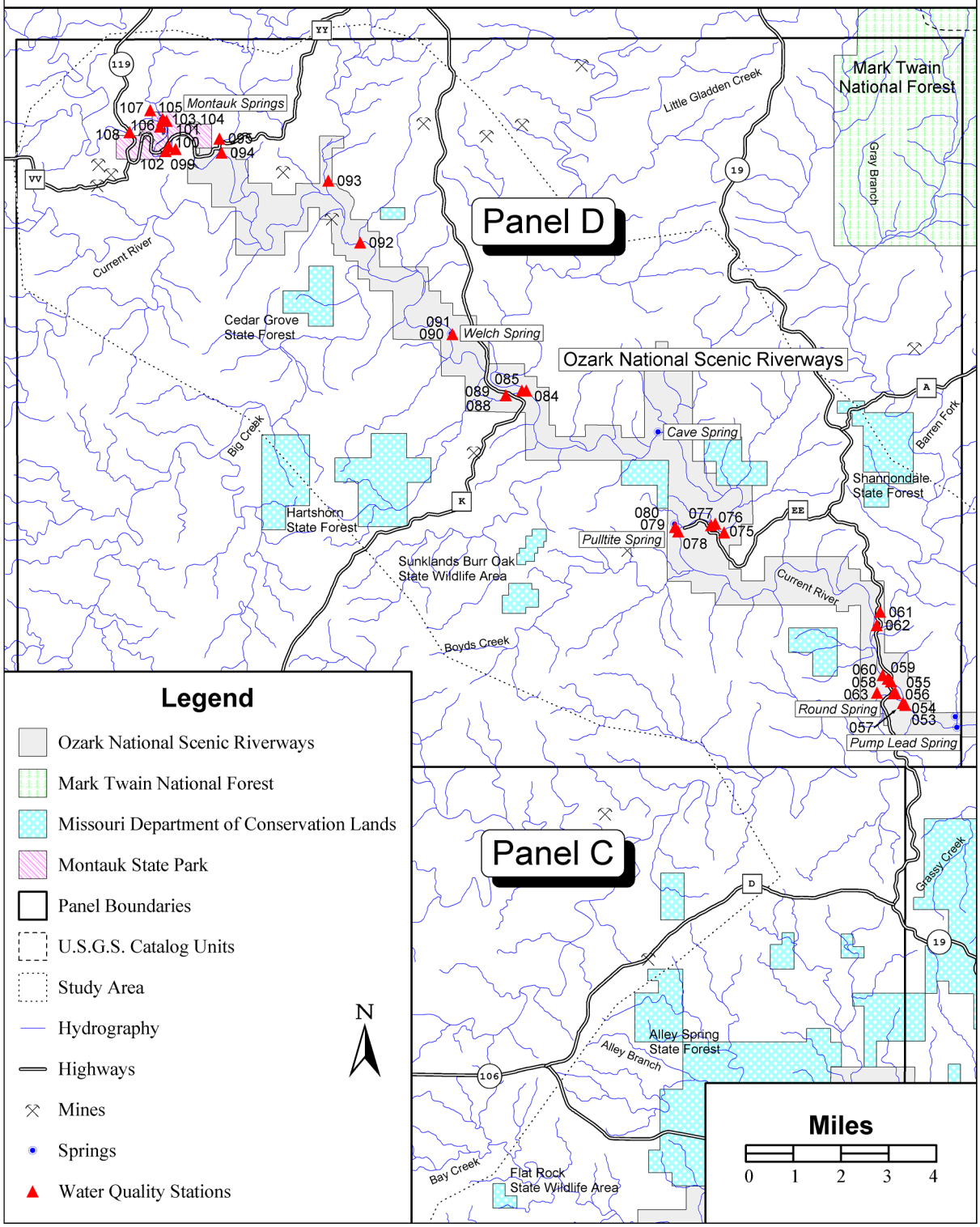
Ozark National Scenic Riverways

Water Quality Monitoring Locations



Ozark National Scenic Riverways

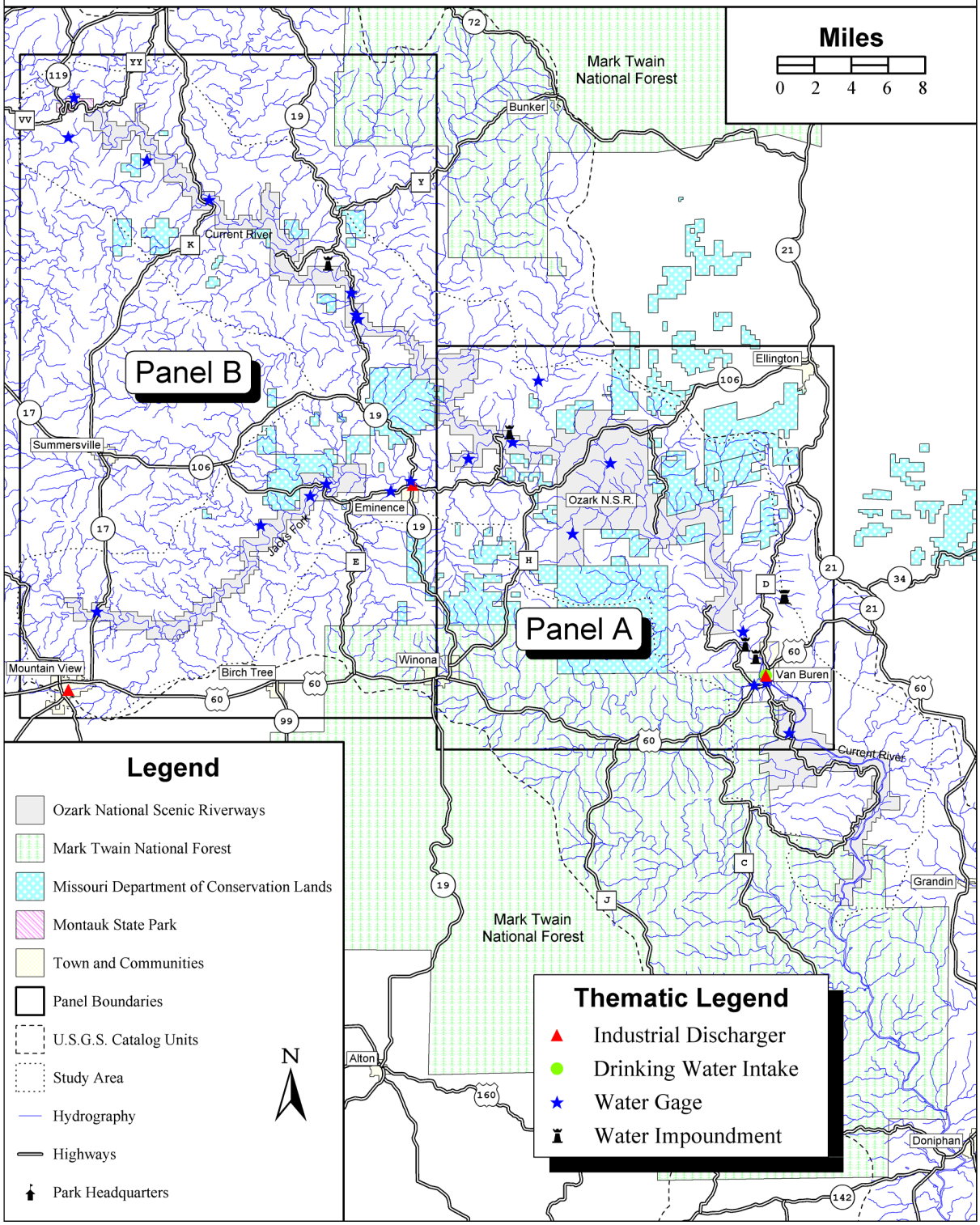
Water Quality Monitoring Locations



Ozark National Scenic Riverways

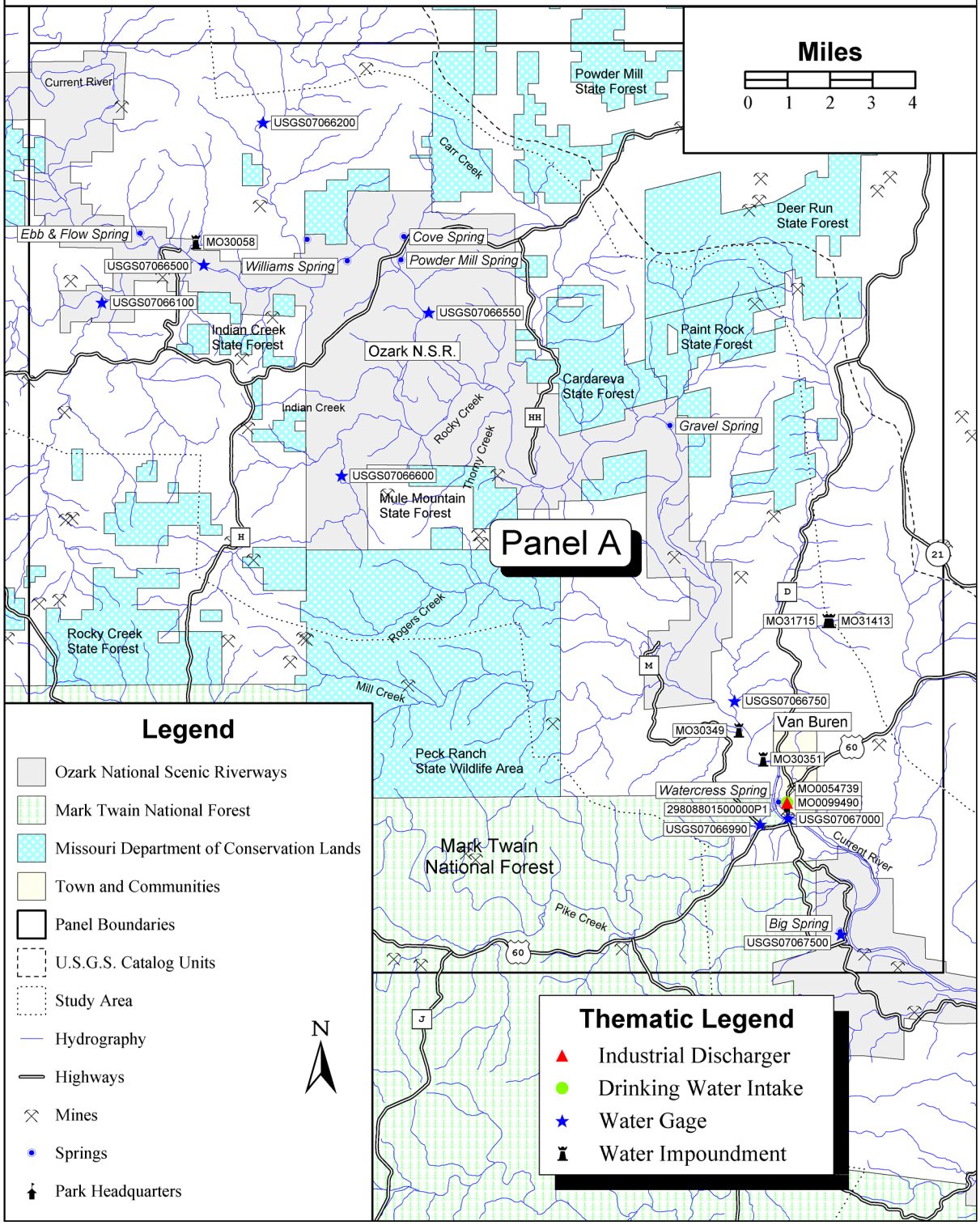
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



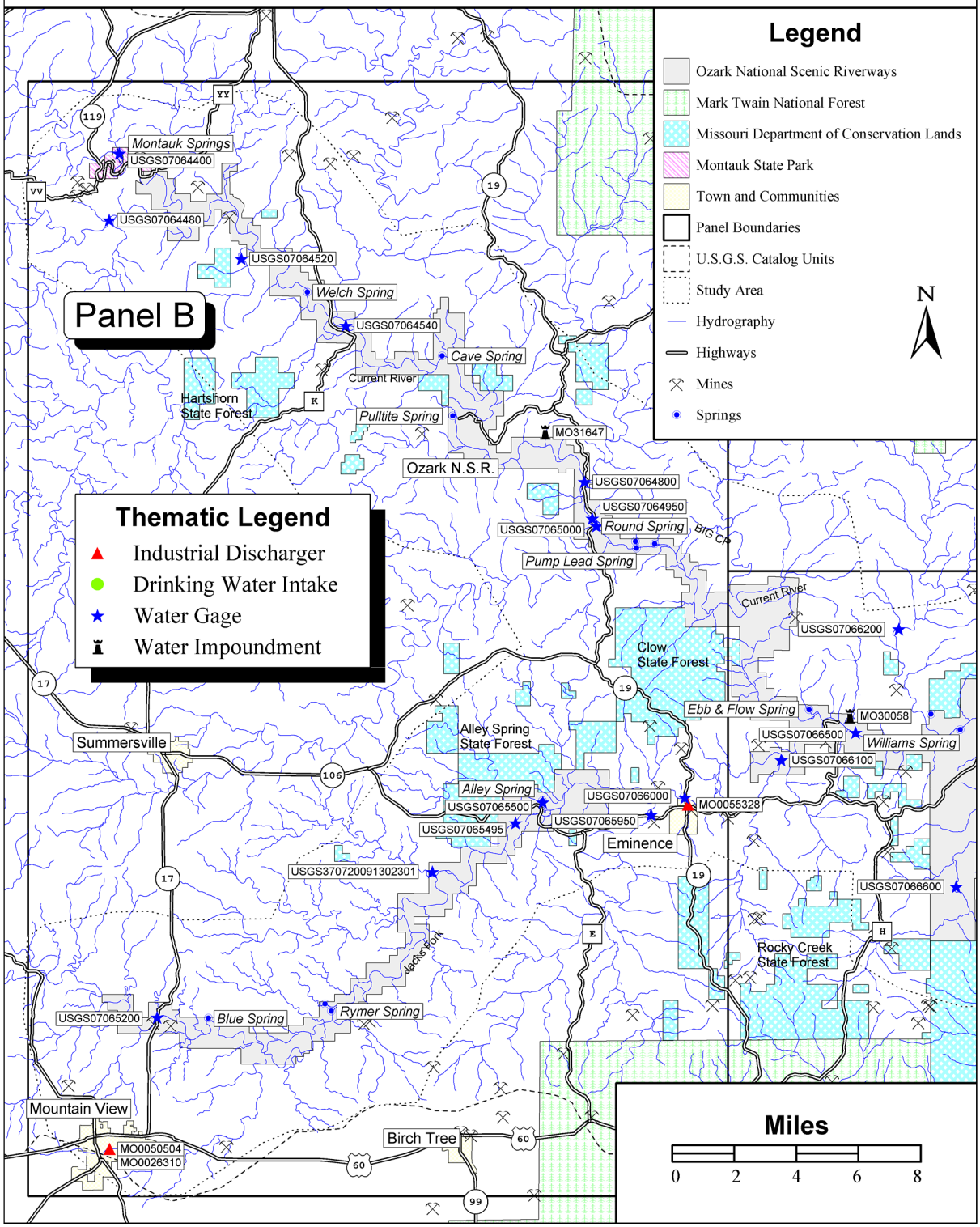
Ozark National Scenic Riverways

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Ozark National Scenic Riverways

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
MO0026310	MOUNTAIN VIEW	P.O. BOX 115	MOUNTAIN VIEW	JAM UP CREEK
MO0050504	BUNKER HILL RANCH RESORT	405 SOUTH 6TH	MOUNTAIN VIEW	
MO0054739	VAN BUREN CITY OF STP	.....	VAN BUREN	TR TO CURRENT R
MO0055328	EMINENCE CITY OF STP	.....	EMINENCE	.....
MO0099490	VAN BUREN	CITY HALL	VAN BUREN	.....

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
29808801500000P1	.....	VAN BUREN	800	205.00

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS07064400	MONTAUK SPRINGS AT M	Spring			
USGS07064480	ASHLEY C NR MONTAUK	Stream			
USGS07064520	BIG C AT CEDAR GROVE	Stream			
USGS07064540	GLADDEN C AT AKERS M	Stream			
USGS07064800	SINKING CREEK NEAR R	Stream			
USGS07064950	CURRENT R AT ROUND S	Stream			
USGS07065000	ROUND SPRING AT ROUND SPRING MO	Spring		1929	1980
USGS07065200	JACKS FORK NEAR MOUN	Stream			
USGS07065500	ALLEY SPRING AT ALLEY MO	Spring		1929	1980
USGS07065950	MAHANS CREEK AT WEST	Stream			
USGS07066000	JACKS FORK AT EMINENCE, MO	Stream	398.00	1922	1993
USGS07066100	SHAWNEE CREEK NEAR E	Stream			
USGS07066200	BLAIR C NR ROUND SPR	Stream			
USGS07066500	CURRENT RIVER NEAR EMINENCE, MO	Stream	1272.00	1921	1976
USGS07066600	ROCKY C NR EMINENCE	Stream			
USGS07066750	PINE VALLEY C NR VAN	Stream			
USGS07066990	PIKE CREEK AT VAN BU	Stream			
USGS07067000	CURRENT RIVER AT VAN BUREN, MO	Stream	1667.00	1921	1993
USGS07067500	BIG SPRING NEAR VAN BUREN MO	Spring		1922	1993
USGS07065495	JACKS FORK RIVER AT ALLEY SPRING, MO	Stream		1993	1993
USGS07066550	BLUE SPRING NEAR EMINENCE, MO.	Spring		1970	1971
USGS370720091302301	T28N R05W 04CCB1	Well			

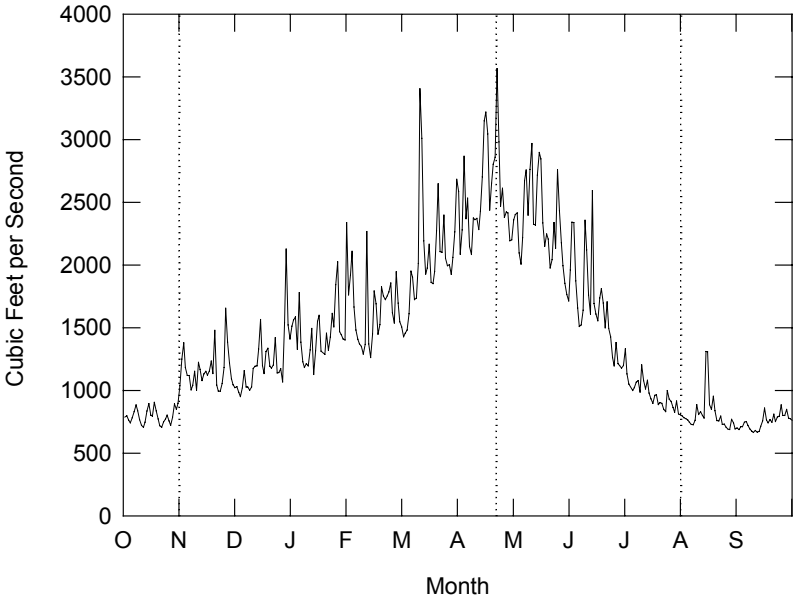
Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the OZAR Study Area

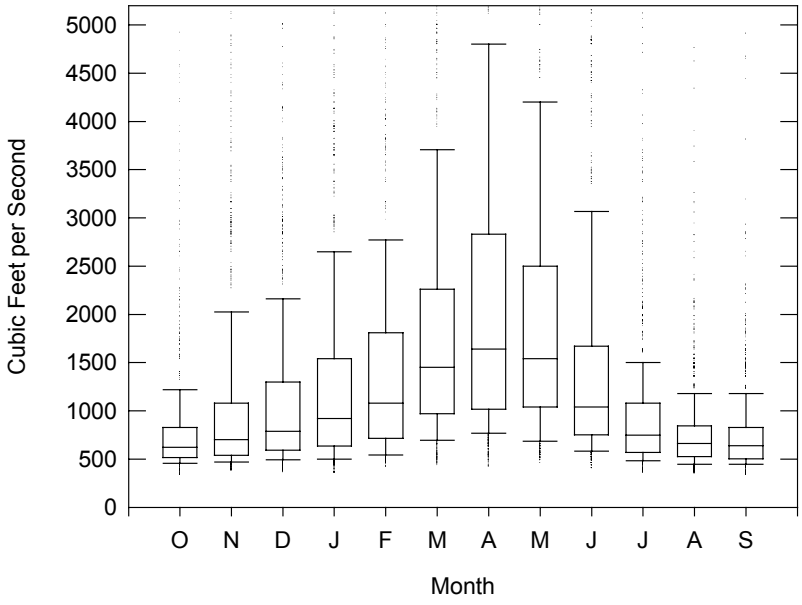
Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
MO30058	COLWIL DAM	ANNE T COLLEY	Rec.	Earth	Significant	1959
MO30349	NEIL LAND DEV. CORP DAM	NEIL LAND CORPORATION	Rec.	Earth	Low	1972
MO30351	NEIL LAND DEV. CORP DAM	NEIL LAND CORPORATION	Rec.	Earth	Low	1972
MO31413	HILL AND DALE DAM EAST	CHARLES BROWN	Rec.	Earth	Significant	1950
MO31647	ALTON CLUB LAKE DAM	ALTON CLUB	Flood	Earth	Low	1976
MO31715	HILL AND DALE DAM WEST	CHARLES BROWN	Rec.	Earth	Significant	1950

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

OZARK NATIONAL SCENIC RIVERWAYS
Current River near Eminence, MO
07066500, 56 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 Ozark National Scenic Riverways are: Aug. 1 to Oct. 31, Nov. 1 to Apr. 20, and Apr. 21 to Jul. 31.

CONTACTS FOR AGENCY CODES RETRIEVED FOR OZAR

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
112WRD	YORKE, TOM	US GEOLOGICAL SURVEY	(703)648-5687	
21MO0001	ACKLEY, GORDON	MISSOURI CLEAN WATER COMM	(314)751-3241	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
14AGNFS9	ILHARDT, BONNIE	USFS REGION 9	(414)291-3697	

QUANTITY OF DATA RETRIEVED FOR OZAR 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[!] 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
112WRD	US GEOLOGICAL SURVEY	10/07/62-04/12/95	12/01/64-04/11/95	50	37	11	10	0	0	16508	14444	505	501
21MO0001	MISSOURI CLEAN WATER COMM	03/27/61-05/08/80	03/27/61-05/08/80	23	15	0	0	1	0	837	496	40	40
11NPSWRD	NATIONAL PARK SERVICE	06/16/83-09/06/94	06/16/83-09/06/94	37	27	20	16	0	0	11501	8545	14	14
14AGNFS9	USFS REGION 9	06/29/76-05/24/77	No Data in Park	1	0	0	0	0	0	12	0	3	0
Totals		03/27/61-04/12/95	03/27/61-04/11/95	111	79	31	26	1	0	28858	23485	519	515

[!]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 03/27/61 To 04/12/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75
OZAR0001	T25N R01E 15DBA1	Yes	90	0	0	90
OZAR0002	T26N, R1E, SECYTON 3, NW, NW	No	44	0	44	0
OZAR0003	T25N, R1E, SECTION 10, SE, SW	Yes	44	0	44	0
OZAR0004[1]	CURRENT RIVER BELOW HAWES CAMPGROUND	Yes	1351	543	340	468
OZAR0005[1]	BIG SPRING - ACCESS	Yes	650	512	138	0
OZAR0006	CURRENT RIVER BELOW BIG SPRING	Yes	130	0	0	130
OZAR0007	T27N, R1E, SEC.32, SW 1/4, PEAVINE CAMPGROUND	Yes	12	0	0	12
OZAR0008	T26N, R1E, SEC.5, SW 1/4, CARTER CNTY ROUTE Z	Yes	12	0	0	12
OZAR0009	CURRENT RIVER BELOW VAN BUREN, MO	Yes	130	0	0	130
OZAR0010	T26N, R1E, SEC. 6, CENTER, SPRING BRANCH	Yes	73	0	0	73
OZAR0011[1]	BIG SPRING NEAR VAN BUREN MO	Yes	1257	736	391	130
OZAR0012[1]	BIG SPRING	Yes	606	486	120	0
OZAR0013[1]	T26N R01E 06CDC1	Yes	190	0	190	0
OZAR0014	CURRENT RIVER AT VAN BUREN, MO	No	395	219	0	176
OZAR0015[1]	VAN BUREN - BRIDGE	No	517	408	109	0
OZAR0016	CURRENT RIVER AT VAN BUREN	No	12	0	12	0
OZAR0017	VAN BUREN - WATERCRESS	No	56	0	56	0
OZAR0018	PIKE CREEK AT VAN BUREN, MO	No	130	0	0	130
OZAR0019	T27N,R1W,SEC.23,SE1/4,CARTER CNTY RT M CROSSING	No	10	0	0	10
OZAR0020	CURRENT RIVER ABOVE VAN BUREN, MO	Yes	130	0	0	130
OZAR0021	ROGERS CREEK NEAR VAN BUREN, MO	Yes	181	181	0	0
OZAR0022[1]	BLUE SPRING NEAR EMINENCE, MO.	Yes	924	346	391	187
OZAR0023	T29N R02W 21ADD1	Yes	22	0	0	22
OZAR0024	BLUE SPRING WELL	Yes	51	0	51	0
OZAR0025	BLUE SPRING - CURRENT RIVER	Yes	69	0	69	0
OZAR0026	CURRENT RIVER BELOW POWDER MILL	Yes	67	0	0	67
OZAR0027	POWDER MILL - BELOW CAMP	Yes	120	34	86	0
OZAR0028	T29N R02W 16BBA1	Yes	82	0	0	82
OZAR0029	T29N, R2W, SECTION 16, SW, NW, HIGHWAY 106	Yes	70	0	0	70
OZAR0030[1]	POWDER MILL - ACCESS	Yes	512	428	84	0
OZAR0031	T29N,R2W,SEC.18,SW1/4,NR HWY 160 BEL. JACKS FORK	Yes	12	0	0	12
OZAR0032[1]	CURRENT RIVER ABOVE POWDER MILL	Yes	1165	356	343	466
OZAR0033[1]	TWO RIVERS - CURRENT RIVER	Yes	718	578	140	0
OZAR0034[1]	TWO RIVERS - JACKS FORK	Yes	378	268	110	0
OZAR0035[1]	JACKS FORK ABOVE TWO RIVERS	Yes	1849	858	470	521
OZAR0036[1]	SHAWNEE - RIVER BELOW	Yes	660	660	0	0
OZAR0037[1]	SHAWNEE - CREEK	Yes	87	8	79	0
OZAR0038	SHAWNEE - RIVER ABOVE	Yes	63	63	0	0
OZAR0039	SHAWNEE CREEK NEAR EMINENCE, MO	Yes	129	0	0	129
OZAR0040	T29N,R3W, SEC.20, W1/2, 1 MILE NORTH OF HYW 106	Yes	12	0	0	12
OZAR0041	T29N, R3W, SECTION 20, NE 1/4	No	151	0	0	151
OZAR0042	T29N,R4W,SEC.1,NE1/4,NATL PK SERV JERKTAIL LANDI	Yes	100	0	0	100
OZAR0043	JACKS FORK BELOW EMINENCE, MO	No	130	0	0	130
OZAR0044[1]	EMINENCE - BELOW TRAIL RIDES (HORSE CAMP)	No	748	748	0	0
OZAR0045	T29N,R4W,SEC.24,NW1/4,FOREST RD 2 M. SE EMINENCE	No	12	0	0	12
OZAR0046[1]	EMINENCE - JACKS FORK CAMPGROUND	No	701	668	33	0
OZAR0047[1]	EMINENCE - 19 BRIDGE	No	855	759	96	0
OZAR0048	JACKS FORK AT EMINENCE, MO	No	57	57	0	0
OZAR0049	JACKS FORK ABOVE EMINENCE, MO.	No	68	0	0	68
OZAR0050	MAHANS CREEK AT WEST EMINENCE, MO	No	130	0	0	130
OZAR0051	T29N, R4W, SEC. 27, SW 1/4, HYW. 106 CROSSING	No	0	0	0	0
OZAR0052	T29N, R4W, SEC. 27, SW1/4, HYW. 106 CROSSING	No	12	0	0	12
OZAR0053	CURRENT RIVER BELOW ROUND SPRING	Yes	130	0	0	130
OZAR0054[1]	ROUND SPRING - LOWER ACCESS	Yes	620	516	104	0
OZAR0055	030N004W20BCA1	Yes	112	0	0	112
OZAR0056[1]	ROUND SPRING AT ROUND SPRING MO	Yes	891	370	391	130
OZAR0057[1]	ROUND SPRING	Yes	655	532	123	0
OZAR0058	T30N, R4W, SECTION 20, NW, NW	Yes	71	0	0	71
OZAR0059	ROUND SPRING - UPPER ACCESS	Yes	149	23	126	0
OZAR0060	CURRENT RIVER ABOVE ROUND SPRING	Yes	68	0	0	68
OZAR0061	T30N, R4W, SEC.7, SE 1/4, HYW, 19 CROSSING	Yes	12	0	0	12
OZAR0062	SINKING CREEK NEAR ROUND SPRING, MO	Yes	153	0	0	153
OZAR0063	T30N, R4W, SEC. 19, NE 1/4, SPRING BRANCH	Yes	12	0	0	12
OZAR0064	JACKS FORK BELOW ALLEY SPRING	Yes	133	0	0	133
OZAR0065	T29N,R4W,SEC.30,NE1/4,1 MILE BEL. ALLEY SPRINGS	No	12	0	0	12
OZAR0066[1]	ALLEY - BELOW 106 BRIDGE	Yes	670	575	95	0
OZAR0067	T29N, R5W, SEC. 25, SE 1/4, SPRING BRANCH	Yes	21	0	0	21
OZAR0068[1]	ALLEY SPRING	Yes	666	540	126	0
OZAR0069[1]	ALLEY SPRING AT ALLEY MO	Yes	921	376	394	151
OZAR0070	029N005W25DBA1	Yes	111	0	0	111
OZAR0071	T29N R05W 25DBA1	Yes	127	0	0	127

Station Period of Record Tabulation
From 03/27/61 To 04/12/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75
OZAR0072[1]	ALLEY - ABOVE CAMP	Yes	150	36	114	0
OZAR0073	JACKS FORK RIVER AT ALLEY SPRING, MO	Yes	1348	1348	0	0
OZAR0074	JACKS FORK ABOVE ALLEY SPRING, MO	Yes	126	58	0	68
OZAR0075[1]	PULLTITE - BELOW CAMP	Yes	557	453	104	0
OZAR0076[1]	PULLTITE - UPPER ACCESS	Yes	156	32	124	0
OZAR0077	T31N, R5W, SECTION 34, SW 1/4	Yes	12	0	0	12
OZAR0078	CURRENT RIVER BELOW PULLTITE SPRING	Yes	90	0	0	90
OZAR0079	T30N R05W 33DC	Yes	22	0	0	22
OZAR0080[1]	PULLTITE SPRING NEAR ROUND SPRING, MO	Yes	863	345	388	130
OZAR0081	T28N,R5W,SEC.4,SW1/4,HYW106 S. ABOVE ALLEY SPRI	Yes	12	0	0	12
OZAR0082	JACKS FORK - BAY CREEK	Yes	6	6	0	0
OZAR0083	BAY CREEK	Yes	5	5	0	0
OZAR0084[1]	AKERS - BELOW CAMP	Yes	595	490	105	0
OZAR0085	CURRENT RIVER BELOW AKERS, MO	Yes	295	165	0	130
OZAR0086	BUNKER HILL - ABOVE LAGOON	Yes	12	12	0	0
OZAR0087	BUNKER HILL - BELOW LAGOON	Yes	12	12	0	0
OZAR0088[1]	AKERS - UPPER ACCESS	Yes	171	47	124	0
OZAR0089	CURRENT RIVER ABOVE AKERS, MO.	Yes	69	0	0	69
OZAR0090[1]	WELCH SPRING NEAR AKERS MO	Yes	870	347	393	130
OZAR0091	031N006W10DDD1	Yes	66	0	0	66
OZAR0092	CEDAR GROVE	Yes	69	0	69	0
OZAR0093	SPRING OZ-19	Yes	105	105	0	0
OZAR0094	TAN VAT	Yes	70	0	70	0
OZAR0095	T32N, R7W, SEC. 25,NW 1/4 NR MOUTH OF TANVAT CK	No	100	0	0	100
OZAR0096	T28N,R7W,SEC.36,SW 1/4, HYW, 17 BRIDGE	Yes	21	0	0	21
OZAR0097	JACKS FORK NEAR MOUNTAIN VIEW, MO	Yes	175	0	0	175
OZAR0098	17 BRIDGE	Yes	119	46	73	0
OZAR0099	MONTAUK - LAGOON	No	6	6	0	0
OZAR0100	MONTAUK - BELOW	No	12	12	0	0
OZAR0101	CURRENT RIVER BELOW MONTAUK SPRINGS	No	151	0	0	151
OZAR0102	MONTAUK - ABOVE	No	8	8	0	0
OZAR0103	032N007W22ADD1	No	21	0	0	21
OZAR0104	T32N R07W 22ADD1	No	90	0	0	90
OZAR0105[1]	MONTAUK SPRINGS AT MONTAUK, MO	No	808	369	418	21
OZAR0106	T32N R07W 22DAA1	No	20	0	0	20
OZAR0107	T32N R07W 22A	No	17	0	0	17
OZAR0108	PIGEON CREEK AT MONTAUK, MO	No	47	0	0	47
OZAR0109	JACKS FORK ABOVE VFW CAMPGROUND	Yes	21	0	0	21
OZAR0110	JACKS FORK - NORTH PRONG	No	27	27	0	0
OZAR0111	JACKS FORK - SOUTH PRONG	No	26	26	0	0

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

Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Parameter Code	Name	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2131	1186	796	149	78	61
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	66	0	8	58	23	15
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	750	750	0	0	30	25
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	8	0	8	0	3	1
00025	BAROMETRIC PRESSURE (MM OF HG)	241	201	40	0	15	12
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	291	221	67	3	18	15
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	360	221	136	3	19	16
00040	WIND DIRECTION, AZIMUTH	29	0	0	29	18	12
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	1	1	0	0	1	1
00060	FLOW, STREAM, MEAN DAILY CFS	74	0	9	65	46	33
00061	FLOW, STREAM, INSTANTANEOUS CFS	474	196	155	123	36	26
00065	STAGE, STREAM (FEET)	26	25	1	0	3	2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	84	0	3	81	29	23
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	9	0	0	9	1	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	13	9	4	0	5	3
00080	COLOR (PLATINUM-COBALT UNITS)	96	0	8	88	35	27
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	4	0	4	0	2	1
00089	COD, SETTLED MG/L	12	0	0	12	3	1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	1002	861	141	0	31	25
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	602	213	164	225	70	50
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	1195	933	262	0	35	25
00300	OXYGEN, DISSOLVED MG/L	694	271	271	152	83	62
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	234	0	111	123	31	24
00310	BOD, 5 DAY, 20 DEG C MG/L	1	0	0	1	1	1
00335	COD, .025N K2CR2O7 MG/L	90	0	4	86	29	24
00340	COD, .25N K2CR2O7 MG/L	12	12	0	0	3	2
00400	PH (STANDARD UNITS)	1412	890	306	216	99	74
00403	PH, LAB, STANDARD UNITS SU	50	50	0	0	9	7
00405	CARBON DIOXIDE (MG/L AS CO2)	250	0	110	140	37	29
00406	PH, FIELD, STANDARD UNITS SU	245	245	0	0	21	16
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1344	912	292	140	75	57
00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	30	30	0	0	4	3
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	146	146	0	0	13	10
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	29	0	0	29	4	3
00440	BICARBONATE ION (MG/L AS HCO3)	344	60	110	174	46	34
00445	CARBONATE ION (MG/L AS CO3)	341	60	110	171	46	34
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	146	146	0	0	12	9
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	145	145	0	0	12	9
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	30	30	0	0	4	3
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	31	31	0	0	5	4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	12	0	0	3	2
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	4	0	0	4	3	3
00600	NITROGEN, TOTAL (MG/L AS N)	905	601	204	100	67	51
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	218	0	96	122	33	26
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	45	45	0	0	11	9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	462	157	155	150	54	39
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	45	45	0	0	11	9
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	445	157	159	129	52	38
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	31	0	0	31	12	8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	362	49	191	122	58	47
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	40	40	0	0	7	6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	475	190	163	122	39	29
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	420	157	163	100	36	27
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	46	45	0	1	12	10
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	9	0	0	9	1	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	37	0	13	24	15	12
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	16	0	0	16	7	6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1149	816	159	174	81	59
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	157	40	4	113	33	27
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	61	45	0	16	18	15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12	12	0	0	4	3
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	34	27	7	0	6	5
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	26	26	0	0	4	3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	137	0	13	124	43	30
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	122	0	13	109	40	29
00915	CALCIUM, DISSOLVED (MG/L AS CA)	158	50	4	104	42	31
00916	CALCIUM, TOTAL (MG/L AS CA)	12	0	0	12	3	1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	158	50	4	104	42	31
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12	0	0	12	3	1
00929	SODIUM, TOTAL (MG/L AS NA)	12	0	0	12	3	1
00930	SODIUM, DISSOLVED (MG/L AS NA)	158	50	4	104	42	31

Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Parameter Code	Name	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00931	SODIUM ADSORPTION RATIO	73	0	4	69	26	20
00932	SODIUM, PERCENT	73	0	4	69	26	20
00935	POTASSIUM, DISSOLVED (MG/L AS K)	152	50	4	98	42	31
00937	POTASSIUM, TOTAL MG/L AS K)	12	0	0	12	3	1
00940	CHLORIDE,TOTAL IN WATER MG/L	182	50	16	116	48	34
00945	SULFATE, TOTAL (MG/L AS SO4)	174	50	9	115	48	34
00950	FLUORIDE, DISSOLVED (MG/L AS F)	149	50	4	95	40	31
00955	SILICA, DISSOLVED (MG/L AS SI02)	167	40	4	123	43	34
01000	ARSENIC, DISSOLVED (UG/L AS AS)	25	25	0	0	6	5
01002	ARSENIC, TOTAL (UG/L AS AS)	27	0	4	23	5	5
01005	BARIUM, DISSOLVED (UG/L AS BA)	25	25	0	0	6	5
01007	BARIUM, TOTAL (UG/L AS BA)	26	0	4	22	5	5
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	25	25	0	0	6	5
01022	BORON, TOTAL (UG/L AS B)	1	0	1	0	1	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	35	35	0	0	8	6
01027	CADMIUM, TOTAL (UG/L AS CD)	324	158	143	23	14	11
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	25	25	0	0	6	5
01034	CHROMIUM, TOTAL (UG/L AS CR)	27	0	4	23	5	5
01035	COBALT, DISSOLVED (UG/L AS CO)	25	25	0	0	6	5
01037	COBALT, TOTAL (UG/L AS CO)	26	0	3	23	4	4
01040	COPPER, DISSOLVED (UG/L AS CU)	36	35	0	1	9	7
01042	COPPER, TOTAL (UG/L AS CU)	42	0	8	34	10	7
01045	IRON, TOTAL (UG/L AS FE)	17	0	5	12	6	3
01046	IRON, DISSOLVED (UG/L AS FE)	115	50	4	61	29	23
01049	LEAD, DISSOLVED (UG/L AS PB)	35	35	0	0	8	6
01051	LEAD, TOTAL (UG/L AS PB)	336	158	143	35	17	12
01055	MANGANESE, TOTAL (UG/L AS MN)	21	8	1	12	6	3
01056	MANGANESE, DISSOLVED (UG/L AS MN)	121	52	4	65	30	23
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	25	25	0	0	6	5
01065	NICKEL, DISSOLVED (UG/L AS NI)	25	25	0	0	6	5
01067	NICKEL, TOTAL (UG/L AS NI)	26	0	3	23	4	4
01075	SILVER, DISSOLVED (UG/L AS AG)	25	25	0	0	6	5
01077	SILVER, TOTAL (UG/L AS AG)	315	148	145	22	11	10
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	22	22	0	0	5	4
01085	VANADIUM, DISSOLVED (UG/L AS V)	22	22	0	0	5	4
01090	ZINC, DISSOLVED (UG/L AS ZN)	35	35	0	0	8	6
01092	ZINC, TOTAL (UG/L AS ZN)	342	158	149	35	17	12
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	3	3	0	0	2	2
01105	ALUMINUM, TOTAL (UG/L AS AL)	11	11	0	0	3	2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	25	25	0	0	7	5
01130	LITHIUM, DISSOLVED (UG/L AS LI)	22	22	0	0	5	4
01145	SELENIUM, DISSOLVED (UG/L AS SE)	25	25	0	0	6	5
01147	SELENIUM, TOTAL (UG/L AS SE)	1	0	1	0	1	1
01350	TURBIDITY (SEVERITY)	2	0	2	0	1	1
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	4	4	0	0	4	4
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	4	4	0	0	4	4
04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	4	4	0	0	4	4
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	10	10	0	0	6	5
04036	PROMETRYN,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	2	1
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	10	10	0	0	6	5
04038	DEISOPROPYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	6	6	0	0	2	1
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	10	10	0	0	6	5
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	10	10	0	0	6	5
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	4	4	0	0	4	4
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	1	1	0	0	1	1
22703	URANIUM, NATURAL, DISSOLVED	3	3	0	0	2	2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	22	0	0	22	22	18
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	1773	1042	584	147	89	64
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	345	200	145	0	16	13
31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	17	17	0	0	4	3
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	1629	1163	443	23	68	50
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	134	0	11	123	31	24
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	523	523	0	0	25	18
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1	1	0	0	1	1
34253	A-BHC-ALPHA DISSUG/L	4	4	0	0	4	4
34653	P,P'-DDE DISSUG/L	4	4	0	0	4	4
34790	SURFACTANTS, AS CTAS, WATER MG/L	1	1	0	0	1	1
34792	ALUMINUM,BEDLOAD SEDIMENT,DRY SIEVE DIAM	2	2	0	0	2	2
34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34802	ARSENIC, BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2

Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Parameter Code	Name	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34805	BARIUM, BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34807	BARIUM, BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34812	BERYLLIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34817	BISMUTH,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34827	CADMIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34832	CALCIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34837	CERIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34842	COBALT,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34847	CHROMIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34852	COPPER,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34857	EUROPIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34862	GALLIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34872	GOLD,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34877	HOLMIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34880	IRON,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34882	IRON,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34887	LANTHANUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34892	LEAD,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34897	LITHIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34902	MAGNESIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34907	MANGANESE,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34917	MOLYBDENUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34922	NEODYMIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34927	NICKEL,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34932	NIOBIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34937	PHOSPHORUS,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34942	POTASSIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34947	SCANDIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34957	SILVER,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34962	SODIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34967	STRONTIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34977	TANTALUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34982	THORIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34985	TIN,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
34987	TIN,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
34992	TITANIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
35002	URANIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Parameter Code	Name	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
35007	VANADIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
35012	YTTRIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
35017	YTTERBIUM,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	1
35022	ZINC,BEDLOAD SED,DRY SIEVE DIAM	2	2	0	0	2	2
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	64	1	3	60	25	20
38401	AMETRYN WATER,DISSUG/L	6	6	0	0	2	1
38442	DICAMBA (BANVEL) WATER,DISSUG/L	3	3	0	0	3	3
38478	LINURON WATER,DISSUG/L	3	3	0	0	3	3
38482	MCPA WATER,DISSUG/L	3	3	0	0	3	3
38487	MCPB WATER,DISSUG/L	3	3	0	0	3	3
38501	METHIOCARB WATER,DISSUG/L	3	3	0	0	3	3
38535	PROPAZINE WATER,DISSUG/L	6	6	0	0	2	1
38538	PROPOXUR WATER,DISSUG/L	3	3	0	0	3	3
38711	BENTAZON WATER, DISUG/L	3	3	0	0	3	3
38746	2,4-DB WATER, DISUG/L	3	3	0	0	3	3
38811	FLUOMETURON WATER, DISUG/L	3	3	0	0	3	3
38866	OXAMYL WATER, DISUG/L	3	3	0	0	3	3
38933	CHLORPYRIFOS,DISSOLVED UG/L	4	4	0	0	4	4
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	3	3
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	33	33	0	0	6	5
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	3	0	3	0	3	3
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	18	0	3	15	3	3
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	4	4	0	0	4	4
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	18	0	3	15	3	3
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	4	4
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	3	3
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	6	0	3	3	3	3
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	6	0	3	3	3	3
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39415	METOLACHLOR, WATER, DISSOLVED UG/L	10	10	0	0	6	5
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	3	3
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	6	0	3	3	3	3
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	4	4
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	6	0	3	3	3	3
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	4	4
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	6	0	3	3	3	3
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	4	4
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	6	0	3	3	3	3
39632	ATRAZINE DISSOLVED IN WATER PPB	10	10	0	0	6	5
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	4	4
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	4	4
39755	MIREX, TOTAL (UG/L)	3	0	3	0	3	3
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3	3
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	4	4
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	6	0	3	3	3	3
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	6	0	3	3	3	3
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	10	10	0	0	6	5
49235	INVALID PARAMETER	3	3	0	0	3	3
49236	INVALID PARAMETER	3	3	0	0	3	3
49237	INVALID PARAMETER	1	1	0	0	1	1
49238	INVALID PARAMETER	1	1	0	0	1	1
49239	INVALID PARAMETER	1	1	0	0	1	1
49240	INVALID PARAMETER	1	1	0	0	1	1
49241	INVALID PARAMETER	1	1	0	0	1	1
49242	INVALID PARAMETER	1	1	0	0	1	1
49243	INVALID PARAMETER	1	1	0	0	1	1
49244	INVALID PARAMETER	1	1	0	0	1	1
49245	INVALID PARAMETER	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Parameter Code	Name	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49246	INVALID PARAMETER	1	1	0	0	1	1
49247	INVALID PARAMETER	1	1	0	0	1	1
49248	INVALID PARAMETER	1	1	0	0	1	1
49249	INVALID PARAMETER	1	1	0	0	1	1
49250	INVALID PARAMETER	1	1	0	0	1	1
49251	INVALID PARAMETER	1	1	0	0	1	1
49252	INVALID PARAMETER	1	1	0	0	1	1
49253	INVALID PARAMETER	1	1	0	0	1	1
49254	INVALID PARAMETER	1	1	0	0	1	1
49255	INVALID PARAMETER	1	1	0	0	1	1
49257	INVALID PARAMETER	1	1	0	0	1	1
49258	INVALID PARAMETER	1	1	0	0	1	1
49261	INVALID PARAMETER	1	1	0	0	1	1
49264	INVALID PARAMETER	1	1	0	0	1	1
49266	INVALID PARAMETER	1	1	0	0	1	1
49267	INVALID PARAMETER	1	1	0	0	1	1
49269	INVALID PARAMETER	1	1	0	0	1	1
49270	INVALID PARAMETER	1	1	0	0	1	1
49271	INVALID PARAMETER	1	1	0	0	1	1
49272	INVALID PARAMETER	1	1	0	0	1	1
49273	INVALID PARAMETER	1	1	0	0	1	1
49274	INVALID PARAMETER	1	1	0	0	1	1
49275	INVALID PARAMETER	1	1	0	0	1	1
49276	INVALID PARAMETER	1	1	0	0	1	1
49277	INVALID PARAMETER	1	1	0	0	1	1
49278	INVALID PARAMETER	1	1	0	0	1	1
49279	INVALID PARAMETER	1	1	0	0	1	1
49280	INVALID PARAMETER	1	1	0	0	1	1
49289	INVALID PARAMETER	1	1	0	0	1	1
49291	INVALID PARAMETER	3	3	0	0	3	3
49292	INVALID PARAMETER	3	3	0	0	3	3
49293	INVALID PARAMETER	3	3	0	0	3	3
49294	INVALID PARAMETER	3	3	0	0	3	3
49295	INVALID PARAMETER	3	3	0	0	3	3
49296	INVALID PARAMETER	3	3	0	0	3	3
49297	INVALID PARAMETER	3	3	0	0	3	3
49298	INVALID PARAMETER	3	3	0	0	3	3
49299	INVALID PARAMETER	3	3	0	0	3	3
49300	INVALID PARAMETER	3	3	0	0	3	3
49301	INVALID PARAMETER	3	3	0	0	3	3
49302	INVALID PARAMETER	3	3	0	0	3	3
49303	INVALID PARAMETER	3	3	0	0	3	3
49304	INVALID PARAMETER	3	3	0	0	3	3
49305	INVALID PARAMETER	3	3	0	0	3	3
49306	INVALID PARAMETER	3	3	0	0	3	3
49307	INVALID PARAMETER	3	3	0	0	3	3
49308	INVALID PARAMETER	3	3	0	0	3	3
49309	INVALID PARAMETER	3	3	0	0	3	3
49310	INVALID PARAMETER	3	3	0	0	3	3
49311	INVALID PARAMETER	3	3	0	0	3	3
49312	INVALID PARAMETER	3	3	0	0	3	3
49313	INVALID PARAMETER	3	3	0	0	3	3
49314	INVALID PARAMETER	3	3	0	0	3	3
49315	INVALID PARAMETER	3	3	0	0	3	3
49316	INVALID PARAMETER	1	1	0	0	1	1
49317	INVALID PARAMETER	1	1	0	0	1	1
49318	INVALID PARAMETER	1	1	0	0	1	1
49319	INVALID PARAMETER	1	1	0	0	1	1
49320	INVALID PARAMETER	1	1	0	0	1	1
49321	INVALID PARAMETER	1	1	0	0	1	1
49322	INVALID PARAMETER	1	1	0	0	1	1
49324	INVALID PARAMETER	1	1	0	0	1	1
49325	INVALID PARAMETER	1	1	0	0	1	1
49326	INVALID PARAMETER	1	1	0	0	1	1
49327	INVALID PARAMETER	1	1	0	0	1	1
49328	INVALID PARAMETER	1	1	0	0	1	1
49329	INVALID PARAMETER	1	1	0	0	1	1
49330	INVALID PARAMETER	1	1	0	0	1	1
49331	INVALID PARAMETER	1	1	0	0	1	1
49332	INVALID PARAMETER	1	1	0	0	1	1
49335	INVALID PARAMETER	1	1	0	0	1	1

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49338	INVALID PARAMETER	1	1	0	0	1	1
49339	INVALID PARAMETER	1	1	0	0	1	1
49341	INVALID PARAMETER	1	1	0	0	1	1
49342	INVALID PARAMETER	1	1	0	0	1	1
49343	INVALID PARAMETER	1	1	0	0	1	1
49344	INVALID PARAMETER	1	1	0	0	1	1
49345	INVALID PARAMETER	1	1	0	0	1	1
49346	INVALID PARAMETER	1	1	0	0	1	1
49347	INVALID PARAMETER	1	1	0	0	1	1
49348	INVALID PARAMETER	1	1	0	0	1	1
49349	INVALID PARAMETER	1	1	0	0	1	1
49350	INVALID PARAMETER	1	1	0	0	1	1
49351	INVALID PARAMETER	1	1	0	0	1	1
49353	INVALID PARAMETER	1	1	0	0	1	1
49354	INVALID PARAMETER	1	1	0	0	1	1
49355	INVALID PARAMETER	1	1	0	0	1	1
49356	INVALID PARAMETER	1	1	0	0	1	1
49357	INVALID PARAMETER	1	1	0	0	1	1
49358	INVALID PARAMETER	1	1	0	0	1	1
49359	INVALID PARAMETER	1	1	0	0	1	1
49360	INVALID PARAMETER	1	1	0	0	1	1
49361	INVALID PARAMETER	1	1	0	0	1	1
49362	INVALID PARAMETER	1	1	0	0	1	1
49363	INVALID PARAMETER	1	1	0	0	1	1
49364	INVALID PARAMETER	1	1	0	0	1	1
49365	INVALID PARAMETER	1	1	0	0	1	1
49366	INVALID PARAMETER	1	1	0	0	1	1
49367	INVALID PARAMETER	1	1	0	0	1	1
49368	INVALID PARAMETER	1	1	0	0	1	1
49369	INVALID PARAMETER	1	1	0	0	1	1
49370	INVALID PARAMETER	1	1	0	0	1	1
49371	INVALID PARAMETER	1	1	0	0	1	1
49372	INVALID PARAMETER	1	1	0	0	1	1
49373	INVALID PARAMETER	1	1	0	0	1	1
49374	INVALID PARAMETER	1	1	0	0	1	1
49375	INVALID PARAMETER	1	1	0	0	1	1
49376	INVALID PARAMETER	1	1	0	0	1	1
49377	INVALID PARAMETER	1	1	0	0	1	1
49378	INVALID PARAMETER	1	1	0	0	1	1
49379	INVALID PARAMETER	1	1	0	0	1	1
49380	INVALID PARAMETER	1	1	0	0	1	1
49381	INVALID PARAMETER	1	1	0	0	1	1
49382	INVALID PARAMETER	1	1	0	0	1	1
49383	INVALID PARAMETER	1	1	0	0	1	1
49384	INVALID PARAMETER	1	1	0	0	1	1
49387	INVALID PARAMETER	1	1	0	0	1	1
49388	INVALID PARAMETER	1	1	0	0	1	1
49389	INVALID PARAMETER	1	1	0	0	1	1
49390	INVALID PARAMETER	1	1	0	0	1	1
49391	INVALID PARAMETER	1	1	0	0	1	1
49392	INVALID PARAMETER	1	1	0	0	1	1
49393	INVALID PARAMETER	1	1	0	0	1	1
49394	INVALID PARAMETER	1	1	0	0	1	1
49395	INVALID PARAMETER	1	1	0	0	1	1
49396	INVALID PARAMETER	1	1	0	0	1	1
49397	INVALID PARAMETER	1	1	0	0	1	1
49398	INVALID PARAMETER	1	1	0	0	1	1
49399	INVALID PARAMETER	1	1	0	0	1	1
49400	INVALID PARAMETER	1	1	0	0	1	1
49401	INVALID PARAMETER	1	1	0	0	1	1
49402	INVALID PARAMETER	1	1	0	0	1	1
49403	INVALID PARAMETER	1	1	0	0	1	1
49404	INVALID PARAMETER	1	1	0	0	1	1
49405	INVALID PARAMETER	1	1	0	0	1	1
49406	INVALID PARAMETER	1	1	0	0	1	1
49407	INVALID PARAMETER	1	1	0	0	1	1
49408	INVALID PARAMETER	1	1	0	0	1	1
49409	INVALID PARAMETER	1	1	0	0	1	1
49410	INVALID PARAMETER	1	1	0	0	1	1
49411	INVALID PARAMETER	1	1	0	0	1	1
49413	INVALID PARAMETER	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Parameter Code	Name	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49421	INVALID PARAMETER	1	1	0	0	1	1
49422	INVALID PARAMETER	1	1	0	0	1	1
49424	INVALID PARAMETER	1	1	0	0	1	1
49426	INVALID PARAMETER	1	1	0	0	1	1
49427	INVALID PARAMETER	1	1	0	0	1	1
49428	INVALID PARAMETER	1	1	0	0	1	1
49429	INVALID PARAMETER	1	1	0	0	1	1
49430	INVALID PARAMETER	1	1	0	0	1	1
49431	INVALID PARAMETER	1	1	0	0	1	1
49433	INVALID PARAMETER	1	1	0	0	1	1
49434	INVALID PARAMETER	1	1	0	0	1	1
49435	INVALID PARAMETER	1	1	0	0	1	1
49436	INVALID PARAMETER	1	1	0	0	1	1
49437	INVALID PARAMETER	1	1	0	0	1	1
49438	INVALID PARAMETER	1	1	0	0	1	1
49439	INVALID PARAMETER	1	1	0	0	1	1
49441	INVALID PARAMETER	1	1	0	0	1	1
49442	INVALID PARAMETER	1	1	0	0	1	1
49443	INVALID PARAMETER	1	1	0	0	1	1
49444	INVALID PARAMETER	1	1	0	0	1	1
49446	INVALID PARAMETER	1	1	0	0	1	1
49449	INVALID PARAMETER	1	1	0	0	1	1
49450	INVALID PARAMETER	1	1	0	0	1	1
49451	INVALID PARAMETER	1	1	0	0	1	1
49452	INVALID PARAMETER	1	1	0	0	1	1
49454	INVALID PARAMETER	1	1	0	0	1	1
49455	INVALID PARAMETER	1	1	0	0	1	1
49458	INVALID PARAMETER	1	1	0	0	1	1
49459	INVALID PARAMETER	1	1	0	0	1	1
49460	INVALID PARAMETER	1	1	0	0	1	1
49461	INVALID PARAMETER	1	1	0	0	1	1
49465	INVALID PARAMETER	1	1	0	0	1	1
49466	INVALID PARAMETER	1	1	0	0	1	1
49467	INVALID PARAMETER	1	1	0	0	1	1
49468	INVALID PARAMETER	1	1	0	0	1	1
49490	INVALID PARAMETER	1	1	0	0	1	1
60050	ALGAE, TOTAL (CELLS/ML)	22	0	15	7	3	3
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	153	53	4	96	42	31
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	92	0	4	88	33	26
70302	SOLIDS, DISSOLVED-TONS PER DAY	68	0	3	65	25	19
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	69	0	4	65	26	20
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	19	19	0	0	3	3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	80	55	0	25	29	21
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	37	0	37	0	11	10
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	56	0	0	56	16	11
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12	0	0	12	4	2
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	1	0	0	1	1	0
71870	BROMIDE (MG/L AS BR)	1	1	0	0	1	1
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	29	0	0	29	10	8
71885	IRON (UG/L AS FE)	19	0	0	19	14	10
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	104	4	91	9	12	10
71887	NITROGEN, TOTAL, AS NO3 - MG/L	217	0	117	100	33	26
71890	MERCURY, DISSOLVED (UG/L AS HG)	11	11	0	0	3	2
71900	MERCURY, TOTAL (UG/L AS HG)	36	9	4	23	7	6
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	31	15	0	16	9	8
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	10	0	8	2	3	2
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	1	0	0	1	1	1
75985	TRITIUM,1 SIGMA PRC EST, TOTAL, WATER PC/L	1	1	0	0	1	1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	47	22	3	22	6	6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	25	0	3	22	3	3
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	1	0	1	0	1	0
82398	SAMPLING METHOD (CODES)	74	54	17	3	12	10
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	10	10	0	0	6	5
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	4	4	0	0	4	4
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	4	4	0	0	4	4
82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	4	4	0	0	4	4
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	4	4	0	0	4	4

Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Parameter Code	Name	Total Obs	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	4	4	0	0	4	4
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	33	1	9	23	9	7
84001	GEOLOGIC AGE CODE (SEE USGS CATALOG)	33	1	9	23	9	7

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0001	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/68-09/24/68	0	1	
OZAR0004	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/19/93	20	37	
OZAR0005	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/83-09/06/94	11	82	
OZAR0006	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-03/15/94	20	44	
OZAR0012	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	77	
OZAR0013	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/77-08/28/80	3	8	
OZAR0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/62-04/12/95	32	15	
OZAR0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	73	
OZAR0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/17/83	0	11	
OZAR0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/18/73	0	4	
OZAR0021	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/20/93	20	36	
OZAR0024	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/77-07/26/77	0	1	
OZAR0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/17/83	0	14	
OZAR0026	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/73-10/17/73	0	3	
OZAR0027	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-06/12/91	7	29	
OZAR0028	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/68-09/24/68	0	1	
OZAR0030	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	63	
OZAR0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/20/93	20	33	
OZAR0033	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	95	
OZAR0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-04/09/91	7	58	
OZAR0035	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-03/22/94	20	51	
OZAR0036	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/86-09/06/94	8	72	
OZAR0037	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-06/16/86	3	17	
OZAR0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-07/27/87	1	8	
OZAR0039	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/17/73	0	4	
OZAR0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/17/73	0	4	
OZAR0044	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	8	83	
OZAR0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	89	
OZAR0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	104	
OZAR0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/93-01/22/93	0	1	
OZAR0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/73-10/17/73	0	3	
OZAR0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/16/73	0	4	
OZAR0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	88	
OZAR0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/04/66-04/26/71	5	4	
OZAR0056	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/21/93	20	36	
OZAR0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	86	
OZAR0059	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-07/27/87	4	38	
OZAR0060	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/16/73	0	4	
OZAR0064	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/16/73	0	4	
OZAR0066	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	91	
OZAR0068	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	92	
OZAR0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/20/93	20	37	
OZAR0070	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/04/66-10/03/66	0	3	
OZAR0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/68-11/20/68	0	3	
OZAR0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-08/10/87	4	39	
OZAR0073	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/93-04/11/95	1	23	
OZAR0074	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/73-10/16/73	0	3	
OZAR0075	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	82	
OZAR0076	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-07/27/87	4	38	
OZAR0078	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/19/93	20	35	
OZAR0083	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/92-07/14/92	0	1	
OZAR0084	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	87	
OZAR0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/73-09/19/94	21	6	
OZAR0086	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/93-08/03/93	0	2	
OZAR0087	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/93-08/03/93	0	2	
OZAR0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-08/03/88	5	42	
OZAR0089	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/73-10/19/93	20	35	
OZAR0091	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/66-10/03/66	0	1	
OZAR0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/17/83	0	15	
OZAR0093	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/93-09/23/93	0	1	
OZAR0094	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/17/83	0	15	
OZAR0097	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/64-07/09/74	9	6	
OZAR0098	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-08/03/93	10	16	
OZAR0101	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/73-07/09/74	1	5	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0104	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/68-09/23/68	0	1	
OZAR0105	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/74-10/21/93	19	34	
OZAR0106	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/71-04/16/71	0	1	
OZAR0107	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/71-04/16/71	0	1	
OZAR0108	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/74-07/09/74	0	1	
OZAR0002	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/24/80-05/08/80	0	2	
OZAR0007	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/18/73-10/18/73	0	1	
OZAR0008	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/18/73-10/18/73	0	1	
OZAR0010	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/28/61-10/18/73	12	8	
OZAR0016	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/29/76-05/24/77	0	4	
OZAR0019	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/18/73-10/18/73	0	1	
OZAR0029	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/27/61-11/07/61	0	8	
OZAR0031	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/17/73-10/17/73	0	1	
OZAR0040	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/17/73-10/17/73	0	1	
OZAR0041	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/28/61-10/22/74	13	10	
OZAR0042	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/18/74-10/22/74	0	4	
OZAR0045	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/17/73-10/17/73	0	1	
OZAR0052	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	0	1	
OZAR0058	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/27/61-11/06/61	0	8	
OZAR0061	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	0	1	
OZAR0063	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	0	1	
OZAR0065	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	0	1	
OZAR0067	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/10/74-10/16/74	0	2	
OZAR0077	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/15/73-10/15/73	0	1	
OZAR0081	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	0	1	
OZAR0095	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/18/74-10/21/74	0	4	
OZAR0096	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-07/09/74	0	2	
OZAR0005	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/10/93	6	40	
OZAR0012	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	38	
OZAR0014	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/23/95-04/12/95	0	3	
OZAR0015	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	31	
OZAR0021	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/26/94-09/21/94	0	2	
OZAR0027	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/12/91-06/12/91	0	1	
OZAR0030	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/27/87-08/10/93	6	34	
OZAR0033	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	44	
OZAR0034	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-04/09/91	3	25	
OZAR0036	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	53	
OZAR0038	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-07/27/87	0	3	
OZAR0044	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	61	
OZAR0046	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	57	
OZAR0047	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	65	
OZAR0054	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	41	
OZAR0057	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	44	
OZAR0059	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-07/27/87	0	2	
OZAR0066	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	47	
OZAR0068	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	46	
OZAR0072	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/87-08/10/87	0	4	
OZAR0073	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/20/93-04/11/95	1	22	
OZAR0075	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-08/24/93	6	32	
OZAR0076	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-07/27/87	0	2	
OZAR0083	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/92-07/14/92	0	1	
OZAR0084	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-08/24/93	6	39	
OZAR0085	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/94-09/19/94	0	2	
OZAR0086	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/93-08/03/93	0	2	
OZAR0087	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/93-08/03/93	0	2	
OZAR0088	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/03/88	1	6	
OZAR0098	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/03/93-08/03/93	0	1	
OZAR0002	No	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/24/80-05/08/80	0	2	
OZAR0016	No	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	06/29/76-05/24/77	0	4	
OZAR0004	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/19/93	10	19	
OZAR0011	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-03/15/94	10	23	
OZAR0014	No	00025	BAROMETRIC PRESSURE (MM OF HG)	02/23/95-04/12/95	0	3	
OZAR0021	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	10	19	
OZAR0032	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	10	19	
OZAR0035	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-03/22/94	10	32	
OZAR0048	No	00025	BAROMETRIC PRESSURE (MM OF HG)	01/22/93-01/22/93	0	1	
OZAR0056	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	10	20	
OZAR0069	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	10	20	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0073	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/93-04/11/95	1	23	
OZAR0080	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/26/83-10/19/93	10	19	
OZAR0085	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/27/94-09/19/94	0	2	
OZAR0090	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/19/93	10	19	
OZAR0105	No	00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	10	20	
OZAR0007	Yes	00040	WIND DIRECTION, AZIMUTH	10/18/73-10/18/73	0	1	
OZAR0008	Yes	00040	WIND DIRECTION, AZIMUTH	10/18/73-10/18/73	0	1	
OZAR0010	Yes	00040	WIND DIRECTION, AZIMUTH	10/18/73-10/18/73	0	1	
OZAR0019	No	00040	WIND DIRECTION, AZIMUTH	10/18/73-10/18/73	0	1	
OZAR0031	Yes	00040	WIND DIRECTION, AZIMUTH	10/17/73-10/17/73	0	1	
OZAR0040	Yes	00040	WIND DIRECTION, AZIMUTH	10/17/73-10/17/73	0	1	
OZAR0041	No	00040	WIND DIRECTION, AZIMUTH	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00040	WIND DIRECTION, AZIMUTH	01/18/74-10/22/74	0	4	
OZAR0045	No	00040	WIND DIRECTION, AZIMUTH	10/17/73-10/17/73	0	1	
OZAR0052	No	00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	0	1	
OZAR0061	Yes	00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	0	1	
OZAR0063	Yes	00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	0	1	
OZAR0065	No	00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	0	1	
OZAR0067	Yes	00040	WIND DIRECTION, AZIMUTH	07/10/74-10/16/74	0	2	
OZAR0077	Yes	00040	WIND DIRECTION, AZIMUTH	10/15/73-10/15/73	0	1	
OZAR0081	Yes	00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	0	1	
OZAR0095	No	00040	WIND DIRECTION, AZIMUTH	01/18/74-10/21/74	0	4	
OZAR0096	Yes	00040	WIND DIRECTION, AZIMUTH	10/16/73-07/09/74	0	2	
OZAR0093	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/23/93-09/23/93	0	1	
OZAR0004	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-05/03/77	3	2	
OZAR0006	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	0	1	
OZAR0007	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	0	1	
OZAR0008	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	0	1	
OZAR0009	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	0	1	
OZAR0010	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	0	1	
OZAR0011	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-05/03/77	3	2	
OZAR0014	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/07/62-06/03/63	0	9	
OZAR0018	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	0	1	
OZAR0020	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	0	1	
OZAR0022	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-05/04/77	3	2	
OZAR0031	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	0	1	
OZAR0035	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/04/77-05/04/77	0	1	
OZAR0039	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	0	1	
OZAR0040	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	0	1	
OZAR0041	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	01/18/74-10/22/74	0	4	
OZAR0043	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	0	1	
OZAR0045	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	0	1	
OZAR0049	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	0	1	
OZAR0050	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0052	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0053	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0056	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-05/05/77	3	2	
OZAR0060	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0061	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0062	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	12/02/64-10/16/73	8	2	
OZAR0063	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0064	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0065	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0067	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/10/74-10/16/74	0	2	
OZAR0069	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-05/04/77	3	2	
OZAR0074	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0077	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	0	1	
OZAR0078	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	0	1	
OZAR0080	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-05/05/77	3	2	
OZAR0081	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	0	1	
OZAR0085	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	0	1	
OZAR0089	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	0	1	
OZAR0090	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-05/05/77	3	2	
OZAR0095	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/18/74-10/21/74	0	4	
OZAR0096	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-07/09/74	0	2	
OZAR0097	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	12/01/64-10/16/73	8	2	
OZAR0101	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	0	1	
OZAR0105	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/06/77-05/06/77	0	1	
OZAR0108	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/14/65-10/14/65	0	1	
OZAR0002	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/80-05/08/80	0	2	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0004	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-09/29/92	19	36	
OZAR0006	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-03/15/94	20	42	
OZAR0014	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/12/90-09/10/91	0	3	
OZAR0018	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/18/73	0	4	
OZAR0022	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-10/20/93	20	36	
OZAR0026	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/21/73-10/17/73	0	3	
OZAR0032	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/20/93	20	33	
OZAR0035	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-03/22/94	20	50	
OZAR0039	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/17/73	0	4	
OZAR0043	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/17/73	0	4	
OZAR0048	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/22/93-01/22/93	0	1	
OZAR0049	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/20/73-10/17/73	0	3	
OZAR0050	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/16/73	0	4	
OZAR0056	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/21/93	20	36	
OZAR0060	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/16/73	0	4	
OZAR0064	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/16/73	0	4	
OZAR0069	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/20/93	20	37	
OZAR0073	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/93-09/20/94	1	18	
OZAR0074	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/19/73-10/16/73	0	3	
OZAR0078	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/19/93	20	35	
OZAR0085	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/73-10/15/73	0	4	
OZAR0089	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/73-10/19/93	20	35	
OZAR0097	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-07/09/74	1	5	
OZAR0101	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/73-07/09/74	1	5	
OZAR0105	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/74-10/21/93	19	34	
OZAR0108	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/74-07/09/74	0	1	
OZAR0014	No	00065	STAGE, STREAM (FEET)	02/23/95-04/12/95	0	3	
OZAR0056	Yes	00065	STAGE, STREAM (FEET)	05/24/83-05/24/83	0	1	
OZAR0073	Yes	00065	STAGE, STREAM (FEET)	04/20/93-04/11/95	1	22	
OZAR0004	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/06/73-07/10/74	1	6	
OZAR0006	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	0	1	
OZAR0009	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	0	1	
OZAR0010	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/28/61-11/07/61	0	7	
OZAR0011	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	0	1	
OZAR0018	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	0	1	
OZAR0020	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	0	1	
OZAR0022	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/06/73-08/01/73	0	2	
OZAR0029	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/61-11/07/61	0	8	
OZAR0032	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/05/73-04/15/75	2	9	
OZAR0039	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/73-08/01/73	0	1	
OZAR0041	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/28/61-10/22/74	13	10	
OZAR0042	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/18/74-10/22/74	0	4	
OZAR0043	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/73-08/01/73	0	1	
OZAR0050	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/73-08/01/73	0	1	
OZAR0053	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	0	1	
OZAR0056	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	0	1	
OZAR0058	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/61-11/06/61	0	8	
OZAR0062	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	0	1	
OZAR0064	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	0	1	
OZAR0069	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	0	1	
OZAR0078	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	0	1	
OZAR0080	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	0	1	
OZAR0085	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	0	1	
OZAR0090	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	0	1	
OZAR0095	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/18/74-10/21/74	0	4	
OZAR0097	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	0	1	
OZAR0101	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	0	1	
OZAR0014	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/07/62-06/03/63	0	9	
OZAR0002	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/12/90-09/10/91	0	3	
OZAR0014	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/12/90-09/10/91	0	3	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0001	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/26/67-09/24/68	0	3	
OZAR0002	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/06/73-07/10/74	1	7	
OZAR0006	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/06/73-08/02/73	0	2	
OZAR0014	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/07/62-05/06/63	0	2	
OZAR0018	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-08/02/73	0	2	
OZAR0022	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/06/73-08/01/73	0	2	
OZAR0024	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/26/67-09/24/68	0	3	
OZAR0032	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-04/15/75	2	10	
OZAR0039	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-08/01/73	0	2	
OZAR0043	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-08/01/73	0	2	
OZAR0050	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/16/66-04/24/67	0	3	
OZAR0056	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-07/31/73	0	2	
OZAR0070	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	02/04/66-04/24/67	1	4	
OZAR0071	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/26/67-09/24/68	0	4	
OZAR0078	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/30/73-07/30/73	0	1	
OZAR0080	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/02/73-07/30/73	0	2	
OZAR0090	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/02/73-07/30/73	0	2	
OZAR0091	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/03/66-04/25/67	0	2	
OZAR0097	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/01/64-07/31/73	8	3	
OZAR0101	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/02/73-07/30/73	0	2	
OZAR0104	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/25/67-09/23/68	0	3	
OZAR0108	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/14/65-10/14/65	0	1	
OZAR0002	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/80-05/08/80	0	2	
OZAR0041	No	00089	COD, SETTLED MG/L	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00089	COD, SETTLED MG/L	01/18/74-10/22/74	0	4	
OZAR0095	No	00089	COD, SETTLED MG/L	01/18/74-10/21/74	0	4	
OZAR0005	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	11	62	T
OZAR0012	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	11	61	T
OZAR0015	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	11	45	T
OZAR0017	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	0	6	
OZAR0025	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	0	8	
OZAR0027	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/91-06/12/91	0	1	
OZAR0030	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	11	52	T
OZAR0033	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/83-09/06/94	11	62	T
OZAR0034	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-04/09/91	7	30	
OZAR0036	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	8	59	
OZAR0037	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-06/16/86	3	9	
OZAR0038	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-08/11/86	0	5	
OZAR0044	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	8	68	
OZAR0046	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/22/88-09/06/94	6	56	
OZAR0047	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	11	76	T,A
OZAR0054	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	8	52	
OZAR0057	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	11	63	T
OZAR0059	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	0	8	
OZAR0066	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	11	60	T
OZAR0068	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	11	63	T
OZAR0072	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/83-07/14/87	4	7	
OZAR0075	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	8	47	
OZAR0076	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-08/15/88	5	10	
OZAR0084	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	8	51	
OZAR0086	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/93-08/03/93	0	2	
OZAR0087	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/93-08/03/93	0	2	
OZAR0088	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-08/03/88	5	10	
OZAR0092	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	0	8	
OZAR0094	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	0	8	
OZAR0098	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-08/03/93	10	10	
OZAR0102	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/25/91-06/25/91	0	1	
OZAR0001	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	10/26/67-09/24/68	0	4	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/19/93	20	37	S
OZAR0006	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/18/73	0	4	
OZAR0007	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
OZAR0008	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
OZAR0009	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/18/73	0	4	
OZAR0010	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/61-10/18/73	12	8	
OZAR0011	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-03/15/94	20	44	T
OZAR0013	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/03/77-08/28/80	3	8	
OZAR0014	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/62-04/12/95	32	15	S
OZAR0018	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/18/73	0	4	
OZAR0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
OZAR0020	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/18/73	0	4	
OZAR0021	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/20/93	20	36	S
OZAR0024	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/73-10/17/73	0	3	
OZAR0028	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/67-09/24/68	0	3	
OZAR0029	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/61-11/07/61	0	8	
OZAR0031	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-10/17/73	0	1	
OZAR0032	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/20/93	20	33	S
OZAR0035	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-03/22/94	20	51	T,S
OZAR0039	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/17/73	0	4	
OZAR0040	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-10/17/73	0	1	
OZAR0041	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/61-10/22/74	13	10	
OZAR0042	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/74-10/22/74	0	4	
OZAR0043	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/17/73	0	4	
OZAR0045	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-10/17/73	0	1	
OZAR0048	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/22/93-01/22/93	0	1	
OZAR0049	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/20/73-10/17/73	0	3	
OZAR0050	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/16/73	0	4	
OZAR0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	0	1	
OZAR0053	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/16/73	0	4	
OZAR0055	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/21/93	20	36	S
OZAR0058	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/61-11/06/61	0	8	
OZAR0060	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/73-10/16/73	0	3	
OZAR0061	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	0	1	
OZAR0062	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/02/64-10/16/73	8	5	
OZAR0063	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	0	1	
OZAR0064	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/16/73	0	4	
OZAR0065	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	0	1	
OZAR0067	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/74-10/16/74	0	2	
OZAR0069	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/20/93	20	37	S
OZAR0070	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/04/66-04/24/67	1	4	
OZAR0071	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/67-11/20/68	1	6	
OZAR0073	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/93-04/11/95	1	23	
OZAR0074	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/73-10/16/73	0	3	
OZAR0077	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/73-10/15/73	0	1	
OZAR0078	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/19/93	20	35	S
OZAR0081	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	0	1	
OZAR0085	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/73-09/19/94	21	6	
OZAR0089	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/73-10/19/93	20	35	S
OZAR0091	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/66-04/30/71	4	3	
OZAR0093	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/93-09/23/93	0	1	
OZAR0095	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/74-10/21/74	0	4	
OZAR0096	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-07/09/74	0	2	
OZAR0097	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/64-07/09/74	9	6	
OZAR0101	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/73-07/09/74	1	5	
OZAR0103	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/26/71-04/26/71	0	1	
OZAR0104	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/67-09/23/68	0	4	
OZAR0105	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/74-10/21/93	19	34	
OZAR0106	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/71-04/16/71	0	1	
OZAR0107	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/71-04/16/71	0	1	
OZAR0108	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/14/65-07/09/74	8	2	
OZAR0109	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/74-07/09/74	0	1	
OZAR0002	No	00300	OXYGEN, DISSOLVED MG/L	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00300	OXYGEN, DISSOLVED MG/L	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00300	OXYGEN, DISSOLVED MG/L	04/06/73-10/19/93	20	37	S

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0005	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/23/94	11	10	
OZAR0006	Yes	00300	OXYGEN, DISSOLVED MG/L	04/06/73-10/18/73	0	4	
OZAR0007	Yes	00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	0	1	
OZAR0008	Yes	00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	0	1	
OZAR0009	Yes	00300	OXYGEN, DISSOLVED MG/L	04/05/73-10/18/73	0	4	
OZAR0010	Yes	00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	0	1	
OZAR0011	Yes	00300	OXYGEN, DISSOLVED MG/L	04/06/73-03/15/94	20	44	T
OZAR0012	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/23/94	11	9	
OZAR0014	No	00300	OXYGEN, DISSOLVED MG/L	09/12/90-04/12/95	4	6	
OZAR0015	No	00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/23/94	11	8	
OZAR0017	No	00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/27/83	0	5	
OZAR0018	No	00300	OXYGEN, DISSOLVED MG/L	04/05/73-10/18/73	0	4	
OZAR0019	No	00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	0	1	
OZAR0020	Yes	00300	OXYGEN, DISSOLVED MG/L	04/05/73-10/18/73	0	4	
OZAR0021	Yes	00300	OXYGEN, DISSOLVED MG/L	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00300	OXYGEN, DISSOLVED MG/L	04/06/73-10/20/93	20	36	S
OZAR0025	Yes	00300	OXYGEN, DISSOLVED MG/L	07/02/83-09/04/83	0	5	
OZAR0026	Yes	00300	OXYGEN, DISSOLVED MG/L	06/21/73-10/17/73	0	3	
OZAR0027	Yes	00300	OXYGEN, DISSOLVED MG/L	08/14/83-08/14/83	0	1	
OZAR0030	Yes	00300	OXYGEN, DISSOLVED MG/L	07/02/83-09/06/94	11	8	
OZAR0031	Yes	00300	OXYGEN, DISSOLVED MG/L	10/17/73-10/17/73	0	1	
OZAR0032	Yes	00300	OXYGEN, DISSOLVED MG/L	04/05/73-10/20/93	20	33	S
OZAR0033	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/06/94	11	11	
OZAR0034	Yes	00300	OXYGEN, DISSOLVED MG/L	08/14/83-09/04/83	0	3	
OZAR0035	Yes	00300	OXYGEN, DISSOLVED MG/L	04/05/73-03/22/94	20	51	T,S
OZAR0036	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/94-09/06/94	0	5	
OZAR0037	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	0	7	
OZAR0039	Yes	00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/17/73	0	4	
OZAR0040	Yes	00300	OXYGEN, DISSOLVED MG/L	10/17/73-10/17/73	0	1	
OZAR0041	No	00300	OXYGEN, DISSOLVED MG/L	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00300	OXYGEN, DISSOLVED MG/L	01/18/74-10/22/74	0	4	
OZAR0043	No	00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/17/73	0	4	
OZAR0044	No	00300	OXYGEN, DISSOLVED MG/L	06/08/94-09/06/94	0	5	
OZAR0045	No	00300	OXYGEN, DISSOLVED MG/L	10/17/73-10/17/73	0	1	
OZAR0046	No	00300	OXYGEN, DISSOLVED MG/L	07/02/83-09/06/94	11	7	
OZAR0047	No	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/06/94	11	10	
OZAR0048	No	00300	OXYGEN, DISSOLVED MG/L	01/22/93-01/22/93	0	1	
OZAR0049	No	00300	OXYGEN, DISSOLVED MG/L	06/20/73-10/17/73	0	3	
OZAR0050	No	00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/16/73	0	4	
OZAR0052	No	00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	0	1	
OZAR0053	Yes	00300	OXYGEN, DISSOLVED MG/L	04/03/73-10/16/73	0	4	
OZAR0054	Yes	00300	OXYGEN, DISSOLVED MG/L	06/14/94-08/23/94	0	4	
OZAR0056	Yes	00300	OXYGEN, DISSOLVED MG/L	04/03/73-10/21/93	20	36	S
OZAR0057	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/23/94	11	10	
OZAR0059	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	0	6	
OZAR0060	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/73-10/16/73	0	3	
OZAR0061	Yes	00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	0	1	
OZAR0062	Yes	00300	OXYGEN, DISSOLVED MG/L	04/03/73-10/16/73	0	4	
OZAR0063	Yes	00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	0	1	
OZAR0064	Yes	00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/16/73	0	4	
OZAR0065	No	00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	0	1	
OZAR0066	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/06/94	11	7	
OZAR0067	Yes	00300	OXYGEN, DISSOLVED MG/L	07/10/74-10/16/74	0	2	
OZAR0068	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/06/94	11	11	
OZAR0069	Yes	00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/20/93	20	37	S
OZAR0072	Yes	00300	OXYGEN, DISSOLVED MG/L	07/17/83-08/27/83	0	4	
OZAR0073	Yes	00300	OXYGEN, DISSOLVED MG/L	04/20/93-04/11/95	1	23	
OZAR0074	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/73-10/16/73	0	3	
OZAR0075	Yes	00300	OXYGEN, DISSOLVED MG/L	06/14/94-08/23/94	0	4	
OZAR0076	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	0	6	
OZAR0077	Yes	00300	OXYGEN, DISSOLVED MG/L	10/15/73-10/15/73	0	1	
OZAR0078	Yes	00300	OXYGEN, DISSOLVED MG/L	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00300	OXYGEN, DISSOLVED MG/L	04/03/73-10/19/93	20	35	S
OZAR0081	Yes	00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	0	1	
OZAR0084	Yes	00300	OXYGEN, DISSOLVED MG/L	06/14/94-08/23/94	0	4	
OZAR0085	Yes	00300	OXYGEN, DISSOLVED MG/L	04/02/73-09/19/94	21	6	
OZAR0088	Yes	00300	OXYGEN, DISSOLVED MG/L	07/02/83-09/04/83	0	5	
OZAR0089	Yes	00300	OXYGEN, DISSOLVED MG/L	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00300	OXYGEN, DISSOLVED MG/L	04/02/73-10/19/93	20	35	S
OZAR0092	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	0	6	
OZAR0093	Yes	00300	OXYGEN, DISSOLVED MG/L	09/23/93-09/23/93	0	1	
OZAR0094	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	0	6	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0095	No	00300	OXYGEN, DISSOLVED MG/L	01/18/74-10/21/74	0	4	
OZAR0096	Yes	00300	OXYGEN, DISSOLVED MG/L	10/16/73-07/09/74	0	2	
OZAR0097	Yes	00300	OXYGEN, DISSOLVED MG/L	04/04/73-07/09/74	1	5	
OZAR0098	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	0	7	
OZAR0101	No	00300	OXYGEN, DISSOLVED MG/L	04/02/73-07/09/74	1	5	
OZAR0105	No	00300	OXYGEN, DISSOLVED MG/L	07/09/74-10/21/93	19	34	
OZAR0108	No	00300	OXYGEN, DISSOLVED MG/L	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00300	OXYGEN, DISSOLVED MG/L	07/09/74-07/09/74	0	1	
OZAR0004	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/73-07/01/82	9	15	
OZAR0006	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/73-06/30/82	9	16	
OZAR0018	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-10/18/73	0	4	
OZAR0022	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/73-06/30/82	9	17	
OZAR0026	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/73-10/17/73	0	3	
OZAR0032	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-06/30/82	9	14	
OZAR0035	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-06/30/82	9	19	
OZAR0039	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-10/17/73	0	4	
OZAR0043	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-10/17/73	0	4	
OZAR0049	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/73-10/17/73	0	3	
OZAR0050	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/03/73-10/16/73	0	4	
OZAR0056	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/03/73-07/01/82	9	16	
OZAR0060	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/03/73-10/16/73	0	4	
OZAR0064	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-10/16/73	0	4	
OZAR0069	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-06/30/82	9	17	
OZAR0074	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/19/73-10/16/73	0	3	
OZAR0078	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/03/73-07/01/82	9	16	
OZAR0085	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/02/73-10/15/73	0	4	
OZAR0089	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/02/73-06/29/82	9	16	
OZAR0097	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-07/09/74	1	5	
OZAR0101	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/02/73-07/09/74	1	5	
OZAR0105	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/09/74-06/29/82	7	14	
OZAR0108	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/09/74-07/09/74	0	1	
OZAR0004	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/74-01/17/74	0	1	
OZAR0004	Yes	00335	COD, .025N K2CR2O7 MG/L	04/06/73-07/10/74	1	7	
OZAR0006	Yes	00335	COD, .025N K2CR2O7 MG/L	04/06/73-08/02/73	0	3	
OZAR0009	Yes	00335	COD, .025N K2CR2O7 MG/L	04/05/73-08/02/73	0	3	
OZAR0011	Yes	00335	COD, .025N K2CR2O7 MG/L	04/06/73-08/02/73	0	3	
OZAR0018	No	00335	COD, .025N K2CR2O7 MG/L	04/05/73-08/02/73	0	3	
OZAR0020	Yes	00335	COD, .025N K2CR2O7 MG/L	04/05/73-08/02/73	0	3	
OZAR0022	Yes	00335	COD, .025N K2CR2O7 MG/L	04/06/73-08/01/73	0	3	
OZAR0024	Yes	00335	COD, .025N K2CR2O7 MG/L	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00335	COD, .025N K2CR2O7 MG/L	06/21/73-06/21/73	0	1	
OZAR0032	Yes	00335	COD, .025N K2CR2O7 MG/L	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00335	COD, .025N K2CR2O7 MG/L	04/05/73-04/15/75	2	10	
OZAR0039	Yes	00335	COD, .025N K2CR2O7 MG/L	04/04/73-08/01/73	0	3	
OZAR0043	No	00335	COD, .025N K2CR2O7 MG/L	04/04/73-08/01/73	0	3	
OZAR0049	No	00335	COD, .025N K2CR2O7 MG/L	06/20/73-06/20/73	0	1	
OZAR0050	No	00335	COD, .025N K2CR2O7 MG/L	04/04/73-08/01/73	0	3	
OZAR0053	Yes	00335	COD, .025N K2CR2O7 MG/L	04/03/73-07/31/73	0	3	
OZAR0056	Yes	00335	COD, .025N K2CR2O7 MG/L	04/03/73-07/31/73	0	3	
OZAR0060	Yes	00335	COD, .025N K2CR2O7 MG/L	06/19/73-06/19/73	0	1	
OZAR0062	Yes	00335	COD, .025N K2CR2O7 MG/L	04/03/73-07/31/73	0	3	
OZAR0064	Yes	00335	COD, .025N K2CR2O7 MG/L	04/04/73-07/31/73	0	3	
OZAR0069	Yes	00335	COD, .025N K2CR2O7 MG/L	04/04/73-07/31/73	0	3	
OZAR0074	Yes	00335	COD, .025N K2CR2O7 MG/L	06/19/73-06/19/73	0	1	
OZAR0078	Yes	00335	COD, .025N K2CR2O7 MG/L	06/18/73-07/30/73	0	2	
OZAR0080	Yes	00335	COD, .025N K2CR2O7 MG/L	04/03/73-07/30/73	0	3	
OZAR0085	Yes	00335	COD, .025N K2CR2O7 MG/L	04/02/73-07/30/73	0	3	
OZAR0089	Yes	00335	COD, .025N K2CR2O7 MG/L	06/18/73-06/18/73	0	1	
OZAR0090	Yes	00335	COD, .025N K2CR2O7 MG/L	04/02/73-07/30/73	0	3	
OZAR0097	Yes	00335	COD, .025N K2CR2O7 MG/L	04/04/73-07/31/73	0	3	
OZAR0101	No	00335	COD, .025N K2CR2O7 MG/L	04/02/73-07/30/73	0	3	
OZAR0011	Yes	00340	COD, .25N K2CR2O7 MG/L	01/05/94-01/05/94	0	1	
OZAR0035	Yes	00340	COD, .25N K2CR2O7 MG/L	11/12/92-01/05/94	1	10	
OZAR0048	No	00340	COD, .25N K2CR2O7 MG/L	01/22/93-01/22/93	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0001	Yes	00400	PH (STANDARD UNITS)	10/26/67-09/24/68	0	4	
OZAR0002	No	00400	PH (STANDARD UNITS)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00400	PH (STANDARD UNITS)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00400	PH (STANDARD UNITS)	04/06/73-10/19/93	20	37	S
OZAR0005	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/06/94	11	47	T
OZAR0006	Yes	00400	PH (STANDARD UNITS)	04/06/73-10/18/73	0	4	
OZAR0007	Yes	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
OZAR0008	Yes	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
OZAR0009	Yes	00400	PH (STANDARD UNITS)	04/05/73-10/18/73	0	4	
OZAR0010	Yes	00400	PH (STANDARD UNITS)	06/20/61-10/18/73	12	5	
OZAR0011	Yes	00400	PH (STANDARD UNITS)	04/06/73-03/15/94	20	44	T
OZAR0012	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/06/94	11	48	T
OZAR0013	Yes	00400	PH (STANDARD UNITS)	05/03/77-08/28/80	3	8	
OZAR0014	No	00400	PH (STANDARD UNITS)	10/07/62-04/12/95	32	15	S
OZAR0015	No	00400	PH (STANDARD UNITS)	06/16/83-09/06/94	11	36	
OZAR0017	No	00400	PH (STANDARD UNITS)	06/16/83-09/17/83	0	6	
OZAR0018	No	00400	PH (STANDARD UNITS)	04/05/73-10/18/73	0	4	
OZAR0019	No	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
OZAR0020	Yes	00400	PH (STANDARD UNITS)	04/05/73-10/18/73	0	4	
OZAR0021	Yes	00400	PH (STANDARD UNITS)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00400	PH (STANDARD UNITS)	04/06/73-10/20/93	20	36	S
OZAR0023	Yes	00400	PH (STANDARD UNITS)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00400	PH (STANDARD UNITS)	07/26/77-07/26/77	0	1	
OZAR0025	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/17/83	0	8	
OZAR0026	Yes	00400	PH (STANDARD UNITS)	06/21/73-10/17/73	0	3	
OZAR0028	Yes	00400	PH (STANDARD UNITS)	10/26/67-09/24/68	0	3	
OZAR0029	Yes	00400	PH (STANDARD UNITS)	06/21/61-11/07/61	0	5	
OZAR0030	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/06/94	11	40	T
OZAR0031	Yes	00400	PH (STANDARD UNITS)	10/17/73-10/17/73	0	1	
OZAR0032	Yes	00400	PH (STANDARD UNITS)	04/05/73-10/20/93	20	33	S
OZAR0033	Yes	00400	PH (STANDARD UNITS)	07/12/83-09/06/94	11	48	T
OZAR0034	Yes	00400	PH (STANDARD UNITS)	06/16/83-12/04/90	7	32	
OZAR0035	Yes	00400	PH (STANDARD UNITS)	04/05/73-03/22/94	20	51	T,S
OZAR0036	Yes	00400	PH (STANDARD UNITS)	06/16/86-09/06/94	8	46	
OZAR0037	Yes	00400	PH (STANDARD UNITS)	06/16/83-06/16/86	3	9	
OZAR0038	Yes	00400	PH (STANDARD UNITS)	06/16/86-07/27/87	1	9	
OZAR0039	Yes	00400	PH (STANDARD UNITS)	04/04/73-10/17/73	0	4	
OZAR0040	Yes	00400	PH (STANDARD UNITS)	10/17/73-10/17/73	0	1	
OZAR0041	No	00400	PH (STANDARD UNITS)	06/20/61-10/22/74	13	7	
OZAR0042	Yes	00400	PH (STANDARD UNITS)	01/18/74-10/22/74	0	4	
OZAR0043	No	00400	PH (STANDARD UNITS)	04/04/73-10/17/73	0	4	
OZAR0044	No	00400	PH (STANDARD UNITS)	06/16/86-09/06/94	8	57	
OZAR0045	No	00400	PH (STANDARD UNITS)	10/17/73-10/17/73	0	1	
OZAR0046	No	00400	PH (STANDARD UNITS)	06/16/87-09/06/94	7	46	
OZAR0047	No	00400	PH (STANDARD UNITS)	06/16/83-09/06/94	11	65	T,A
OZAR0048	No	00400	PH (STANDARD UNITS)	01/22/93-01/22/93	0	1	
OZAR0049	No	00400	PH (STANDARD UNITS)	06/20/73-10/17/73	0	3	
OZAR0050	No	00400	PH (STANDARD UNITS)	04/04/73-10/16/73	0	4	
OZAR0052	No	00400	PH (STANDARD UNITS)	10/16/73-10/16/73	0	1	
OZAR0053	Yes	00400	PH (STANDARD UNITS)	04/03/73-10/16/73	0	4	
OZAR0054	Yes	00400	PH (STANDARD UNITS)	06/16/86-09/06/94	8	40	
OZAR0055	Yes	00400	PH (STANDARD UNITS)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00400	PH (STANDARD UNITS)	04/03/73-10/21/93	20	36	S
OZAR0057	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/06/94	11	50	T
OZAR0058	Yes	00400	PH (STANDARD UNITS)	06/22/61-11/06/61	0	5	
OZAR0059	Yes	00400	PH (STANDARD UNITS)	06/16/83-07/27/87	4	10	
OZAR0060	Yes	00400	PH (STANDARD UNITS)	06/19/73-10/16/73	0	3	
OZAR0061	Yes	00400	PH (STANDARD UNITS)	10/16/73-10/16/73	0	1	
OZAR0062	Yes	00400	PH (STANDARD UNITS)	12/02/64-10/16/73	8	5	
OZAR0063	Yes	00400	PH (STANDARD UNITS)	10/16/73-10/16/73	0	1	
OZAR0064	Yes	00400	PH (STANDARD UNITS)	04/04/73-10/16/73	0	4	
OZAR0065	No	00400	PH (STANDARD UNITS)	10/16/73-10/16/73	0	1	
OZAR0066	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/06/94	11	46	T
OZAR0067	Yes	00400	PH (STANDARD UNITS)	07/10/74-10/16/74	0	2	
OZAR0068	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/06/94	11	50	T
OZAR0069	Yes	00400	PH (STANDARD UNITS)	04/04/73-10/20/93	20	37	S
OZAR0070	Yes	00400	PH (STANDARD UNITS)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00400	PH (STANDARD UNITS)	10/26/67-11/20/68	1	6	
OZAR0072	Yes	00400	PH (STANDARD UNITS)	07/12/83-08/10/87	4	10	
OZAR0073	Yes	00400	PH (STANDARD UNITS)	04/20/93-04/11/95	1	23	
OZAR0074	Yes	00400	PH (STANDARD UNITS)	06/19/73-10/16/73	0	3	
OZAR0075	Yes	00400	PH (STANDARD UNITS)	06/16/86-09/06/94	8	33	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0076	Yes	00400	PH (STANDARD UNITS)	06/16/83-08/15/88	5	11	
OZAR0077	Yes	00400	PH (STANDARD UNITS)	10/15/73-10/15/73	0	1	
OZAR0078	Yes	00400	PH (STANDARD UNITS)	06/18/73-10/15/73	0	3	
OZAR0079	Yes	00400	PH (STANDARD UNITS)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00400	PH (STANDARD UNITS)	04/03/73-10/19/93	20	35	S
OZAR0081	Yes	00400	PH (STANDARD UNITS)	10/16/73-10/16/73	0	1	
OZAR0084	Yes	00400	PH (STANDARD UNITS)	06/16/86-09/06/94	8	34	
OZAR0085	Yes	00400	PH (STANDARD UNITS)	04/02/73-09/19/94	21	6	
OZAR0088	Yes	00400	PH (STANDARD UNITS)	06/16/83-08/03/88	5	14	
OZAR0089	Yes	00400	PH (STANDARD UNITS)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00400	PH (STANDARD UNITS)	04/02/73-10/19/93	20	35	S
OZAR0091	Yes	00400	PH (STANDARD UNITS)	10/03/66-04/30/71	4	3	
OZAR0092	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/17/83	0	8	
OZAR0093	Yes	00400	PH (STANDARD UNITS)	09/23/93-09/23/93	0	1	
OZAR0094	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/17/83	0	8	
OZAR0095	No	00400	PH (STANDARD UNITS)	01/18/74-10/21/74	0	4	
OZAR0096	Yes	00400	PH (STANDARD UNITS)	10/16/73-07/09/74	0	2	
OZAR0097	Yes	00400	PH (STANDARD UNITS)	12/01/64-07/09/74	9	6	
OZAR0098	Yes	00400	PH (STANDARD UNITS)	06/16/83-09/17/83	0	8	
OZAR0101	No	00400	PH (STANDARD UNITS)	04/02/73-07/09/74	1	5	
OZAR0103	No	00400	PH (STANDARD UNITS)	04/26/71-04/26/71	0	1	
OZAR0104	No	00400	PH (STANDARD UNITS)	10/25/67-09/23/68	0	4	
OZAR0105	No	00400	PH (STANDARD UNITS)	07/09/74-10/21/93	19	34	
OZAR0106	No	00400	PH (STANDARD UNITS)	04/16/71-04/16/71	0	1	
OZAR0107	No	00400	PH (STANDARD UNITS)	04/16/71-04/16/71	0	1	
OZAR0108	No	00400	PH (STANDARD UNITS)	10/14/65-07/09/74	8	2	
OZAR0109	Yes	00400	PH (STANDARD UNITS)	07/09/74-07/09/74	0	1	
OZAR0004	Yes	00403	PH, LAB, STANDARD UNITS SU	09/12/90-09/11/91	0	3	
OZAR0011	Yes	00403	PH, LAB, STANDARD UNITS SU	09/12/90-01/05/94	3	6	
OZAR0014	No	00403	PH, LAB, STANDARD UNITS SU	09/12/90-03/21/95	4	4	
OZAR0021	Yes	00403	PH, LAB, STANDARD UNITS SU	05/26/94-09/21/94	0	2	
OZAR0035	Yes	00403	PH, LAB, STANDARD UNITS SU	11/12/92-01/05/94	1	9	
OZAR0048	No	00403	PH, LAB, STANDARD UNITS SU	01/22/93-01/22/93	0	1	
OZAR0073	Yes	00403	PH, LAB, STANDARD UNITS SU	05/11/93-03/21/95	1	22	
OZAR0085	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/94-09/19/94	0	2	
OZAR0093	Yes	00403	PH, LAB, STANDARD UNITS SU	09/23/93-09/23/93	0	1	
OZAR0004	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/73-09/23/81	8	14	
OZAR0006	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-10/18/73	0	4	
OZAR0010	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/20/61-11/07/61	0	4	
OZAR0011	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/73-09/23/81	8	15	
OZAR0013	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/77-08/28/80	3	8	
OZAR0018	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-10/18/73	0	4	
OZAR0022	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/73-09/22/81	8	16	
OZAR0024	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/21/73-10/17/73	0	3	
OZAR0029	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/21/61-11/07/61	0	5	
OZAR0032	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-09/22/81	8	13	
OZAR0035	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-09/22/81	8	18	
OZAR0039	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-10/17/73	0	4	
OZAR0041	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/20/61-11/08/61	0	3	
OZAR0043	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-10/17/73	0	4	
OZAR0049	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/20/73-10/17/73	0	3	
OZAR0050	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/03/73-10/16/73	0	4	
OZAR0056	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/03/73-09/23/81	8	15	
OZAR0058	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/22/61-11/06/61	0	5	
OZAR0060	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/03/73-10/16/73	0	4	
OZAR0064	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-10/16/73	0	4	
OZAR0069	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-09/22/81	8	16	
OZAR0074	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/19/73-10/16/73	0	3	
OZAR0078	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/03/73-09/21/81	8	15	
OZAR0085	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/02/73-10/15/73	0	4	
OZAR0089	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/02/73-09/21/81	8	15	
OZAR0097	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-07/09/74	1	5	
OZAR0101	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/02/73-07/09/74	1	5	
OZAR0105	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/09/74-09/21/81	7	13	
OZAR0108	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/09/74-07/09/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0109	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/09/74-07/09/74	0	1	
OZAR0005	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	2	16	
OZAR0012	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/06/91-08/24/93	2	15	
OZAR0015	No	00406	PH, FIELD, STANDARD UNITS SU	02/06/91-08/24/93	2	12	
OZAR0027	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/12/91-06/12/91	0	1	
OZAR0030	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/10/93	2	13	
OZAR0033	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	2	15	
OZAR0034	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/06/91-02/06/91	0	1	
OZAR0036	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	2	20	
OZAR0044	No	00406	PH, FIELD, STANDARD UNITS SU	02/06/91-08/24/93	2	19	
OZAR0046	No	00406	PH, FIELD, STANDARD UNITS SU	08/11/86-08/24/93	7	18	
OZAR0047	No	00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	2	19	
OZAR0054	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/06/91-08/24/93	2	15	
OZAR0057	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/12/91-08/24/93	2	15	
OZAR0066	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	2	17	
OZAR0068	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	2	15	
OZAR0075	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/12/91-08/24/93	2	14	
OZAR0084	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/08/88-08/24/93	5	13	
OZAR0086	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/22/93-08/03/93	0	2	
OZAR0087	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/22/93-08/03/93	0	2	
OZAR0098	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/93-08/03/93	0	1	
OZAR0102	No	00406	PH, FIELD, STANDARD UNITS SU	06/12/91-06/25/91	0	2	
OZAR0004	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	19	36	
OZAR0005	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	11	50	T
OZAR0006	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-03/15/94	20	41	T
OZAR0012	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	11	50	T
OZAR0013	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/77-08/28/80	3	8	
OZAR0014	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/05/62-09/10/91	28	11	
OZAR0015	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	11	43	T
OZAR0017	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/17/83	0	5	
OZAR0018	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-10/18/73	0	4	
OZAR0022	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	19	35	
OZAR0023	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/26/77-07/26/77	0	1	
OZAR0025	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/17/83	0	7	
OZAR0026	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/21/73-10/17/73	0	3	
OZAR0027	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/91-06/12/91	0	1	
OZAR0030	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/06/94	11	47	T
OZAR0032	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-09/29/92	19	32	
OZAR0033	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	11	54	T
OZAR0034	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-04/09/91	7	28	
OZAR0035	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-03/22/94	20	48	T,S
OZAR0036	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	8	53	
OZAR0037	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-06/16/86	3	9	
OZAR0038	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-07/28/86	0	3	
OZAR0039	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-10/17/73	0	4	
OZAR0043	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-10/17/73	0	4	
OZAR0044	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	8	61	
OZAR0046	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/87-09/06/94	7	53	
OZAR0047	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	11	68	T
OZAR0048	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/22/93-01/22/93	0	1	
OZAR0049	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/73-10/17/73	0	3	
OZAR0050	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-10/16/73	0	4	
OZAR0054	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	8	43	
OZAR0055	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/71-04/26/71	0	1	
OZAR0056	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-04/14/93	20	35	
OZAR0057	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	11	53	T
OZAR0059	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-07/27/87	4	8	
OZAR0060	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-10/16/73	0	4	
OZAR0064	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-10/16/73	0	4	
OZAR0066	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	11	49	T
OZAR0068	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	11	53	T
OZAR0069	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-04/14/93	20	36	
OZAR0070	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/71-04/27/71	0	1	
OZAR0072	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-07/27/87	4	8	
OZAR0073	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/93-10/13/93	0	1	
OZAR0074	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/73-10/16/73	0	3	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0075	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	8	40	
OZAR0076	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-07/14/87	4	8	
OZAR0078	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/18/73-10/15/73	0	3	
OZAR0079	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-09/29/92	19	34	
OZAR0084	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	8	44	
OZAR0085	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/02/73-10/15/73	0	4	
OZAR0086	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/93-08/03/93	0	2	
OZAR0087	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/93-08/03/93	0	2	
OZAR0088	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-08/03/88	5	10	
OZAR0089	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/02/73-09/30/92	19	34	
OZAR0091	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/71-04/30/71	0	1	
OZAR0092	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/17/83	0	7	
OZAR0094	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/17/83	0	7	
OZAR0097	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-07/09/74	1	5	
OZAR0098	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-08/03/93	10	8	
OZAR0101	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/02/73-07/09/74	1	5	
OZAR0102	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/91-06/25/91	0	2	
OZAR0103	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/71-04/26/71	0	1	
OZAR0105	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/74-09/30/92	18	32	
OZAR0106	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/71-04/16/71	0	1	
OZAR0107	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/71-04/16/71	0	1	
OZAR0108	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/14/65-07/09/74	8	2	
OZAR0109	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/74-07/09/74	0	1	
OZAR0014	No	00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	02/23/95-04/12/95	0	3	
OZAR0021	Yes	00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	05/26/94-09/21/94	0	2	
OZAR0073	Yes	00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	04/20/93-04/11/95	1	23	
OZAR0085	Yes	00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	05/27/94-09/19/94	0	2	
OZAR0004	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/08/86-09/29/92	6	15	
OZAR0011	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/08/86-03/15/94	7	19	
OZAR0014	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	09/12/90-09/10/91	0	3	
OZAR0022	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/07/86-09/29/92	6	12	
OZAR0032	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/07/86-09/29/92	6	12	
OZAR0035	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/07/86-03/22/94	7	20	
OZAR0048	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	01/22/93-01/22/93	0	1	
OZAR0056	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/06/86-04/14/93	6	13	
OZAR0069	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/07/86-04/14/93	6	13	
OZAR0080	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/06/86-09/29/92	6	12	
OZAR0090	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/06/86-09/30/92	6	12	
OZAR0093	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	09/23/93-09/23/93	0	1	
OZAR0105	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/06/86-04/29/93	6	13	
OZAR0010	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/28/61-11/07/61	0	7	
OZAR0029	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/27/61-11/07/61	0	8	
OZAR0041	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/28/61-11/08/61	0	6	
OZAR0058	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/27/61-11/06/61	0	8	
OZAR0001	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/26/67-09/24/68	0	5	
OZAR0004	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	16	20	
OZAR0006	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	16	21	
OZAR0013	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/03/77-08/28/80	3	8	
OZAR0014	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/07/62-06/03/63	0	9	
OZAR0018	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-10/18/73	0	4	
OZAR0022	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	16	22	
OZAR0023	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/21/73-10/17/73	0	3	
OZAR0028	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/26/67-09/24/68	0	4	
OZAR0032	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-05/24/89	16	19	
OZAR0035	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-05/24/89	16	24	
OZAR0039	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-10/17/73	0	4	
OZAR0043	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-10/17/73	0	4	
OZAR0049	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/20/73-10/17/73	0	3	
OZAR0050	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-10/16/73	0	4	
OZAR0055	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	16	21	
OZAR0060	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/02/64-10/16/73	8	5	
OZAR0064	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-10/16/73	0	4	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0069	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-05/25/89	16	22	
OZAR0070	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/26/67-11/20/68	1	7	
OZAR0074	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/19/73-10/16/73	0	3	
OZAR0078	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/18/73-10/15/73	0	3	
OZAR0079	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	16	21	
OZAR0085	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/02/73-10/15/73	0	4	
OZAR0089	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/02/73-05/23/89	16	21	
OZAR0091	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/03/66-04/30/71	4	3	
OZAR0097	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/01/64-07/09/74	9	6	
OZAR0101	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/02/73-07/09/74	1	5	
OZAR0103	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/26/71-04/26/71	0	1	
OZAR0104	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/25/67-09/23/68	0	5	
OZAR0105	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/09/74-05/23/89	14	19	
OZAR0106	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/16/71-04/16/71	0	1	
OZAR0107	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/16/71-04/16/71	0	1	
OZAR0108	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/14/65-07/09/74	8	2	
OZAR0109	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/09/74-07/09/74	0	1	
OZAR0001	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/26/67-09/24/68	0	4	
OZAR0004	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	16	20	
OZAR0006	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	16	21	
OZAR0013	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/03/77-08/28/80	3	8	
OZAR0014	No	00445	CARBONATE ION (MG/L AS CO3)	10/07/62-06/03/63	0	9	
OZAR0018	No	00445	CARBONATE ION (MG/L AS CO3)	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/05/73-10/18/73	0	4	
OZAR0022	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	16	22	
OZAR0023	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/21/73-10/17/73	0	3	
OZAR0028	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/26/67-09/24/68	0	4	
OZAR0032	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/05/73-05/24/89	16	19	
OZAR0035	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/05/73-05/24/89	16	24	
OZAR0039	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/04/73-10/17/73	0	4	
OZAR0043	No	00445	CARBONATE ION (MG/L AS CO3)	04/04/73-10/17/73	0	4	
OZAR0049	No	00445	CARBONATE ION (MG/L AS CO3)	06/20/73-10/17/73	0	3	
OZAR0050	No	00445	CARBONATE ION (MG/L AS CO3)	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/03/73-10/16/73	0	4	
OZAR0055	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	16	21	
OZAR0060	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/02/64-10/16/73	8	5	
OZAR0064	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/04/73-10/16/73	0	4	
OZAR0069	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/04/73-05/25/89	16	22	
OZAR0070	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/26/67-11/20/68	1	6	
OZAR0074	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/19/73-10/16/73	0	3	
OZAR0078	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/18/73-10/15/73	0	3	
OZAR0079	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	16	21	
OZAR0085	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/02/73-10/15/73	0	4	
OZAR0089	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/02/73-05/23/89	16	21	
OZAR0091	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/03/66-04/30/71	4	3	
OZAR0097	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/01/64-07/09/74	9	6	
OZAR0101	No	00445	CARBONATE ION (MG/L AS CO3)	04/02/73-07/09/74	1	5	
OZAR0103	No	00445	CARBONATE ION (MG/L AS CO3)	04/26/71-04/26/71	0	1	
OZAR0104	No	00445	CARBONATE ION (MG/L AS CO3)	10/25/67-09/23/68	0	4	
OZAR0105	No	00445	CARBONATE ION (MG/L AS CO3)	07/09/74-05/23/89	14	19	
OZAR0106	No	00445	CARBONATE ION (MG/L AS CO3)	04/16/71-04/16/71	0	1	
OZAR0107	No	00445	CARBONATE ION (MG/L AS CO3)	04/16/71-04/16/71	0	1	
OZAR0108	No	00445	CARBONATE ION (MG/L AS CO3)	10/14/65-07/09/74	8	2	
OZAR0109	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/09/74-07/09/74	0	1	
OZAR0004	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/08/86-09/29/92	6	15	
OZAR0011	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/08/86-03/15/94	7	20	
OZAR0014	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	09/12/90-09/10/91	0	3	
OZAR0022	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/07/86-09/29/92	6	12	
OZAR0032	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/07/86-09/29/92	6	12	
OZAR0035	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/07/86-03/22/94	7	21	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0048	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	01/22/93-01/22/93	0	1	
OZAR0056	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/06/86-04/14/93	6	13	
OZAR0069	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/07/86-04/14/93	6	13	
OZAR0080	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/06/86-09/29/92	6	12	
OZAR0090	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/06/86-09/30/92	6	12	
OZAR0105	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/06/86-09/30/92	6	12	
OZAR0004	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/08/86-09/29/92	6	15	
OZAR0011	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/08/86-03/15/94	7	20	
OZAR0014	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	09/12/90-09/10/91	0	3	
OZAR0022	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/07/86-09/29/92	6	12	
OZAR0032	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/07/86-09/29/92	6	12	
OZAR0035	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/07/86-03/22/94	7	21	
OZAR0048	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	01/22/93-01/22/93	0	1	
OZAR0056	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/06/86-04/14/93	6	13	
OZAR0069	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/07/86-04/14/93	6	13	
OZAR0080	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/06/86-10/22/91	5	11	
OZAR0090	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/06/86-09/30/92	6	12	
OZAR0105	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/06/86-09/30/92	6	12	
OZAR0014	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	02/23/95-04/12/95	0	3	
OZAR0021	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	05/26/94-09/21/94	0	2	
OZAR0073	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/20/93-04/11/95	1	23	
OZAR0085	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	05/27/94-09/19/94	0	2	
OZAR0014	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	02/23/95-04/12/95	0	3	
OZAR0021	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	05/26/94-09/21/94	0	2	
OZAR0073	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/20/93-04/11/95	1	23	
OZAR0080	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	09/29/92-09/29/92	0	1	
OZAR0085	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	05/27/94-09/19/94	0	2	
OZAR0011	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/94-01/05/94	0	1	
OZAR0035	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/12/92-01/05/94	1	10	
OZAR0048	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/22/93-01/22/93	0	1	
OZAR0004	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	07/10/74-07/10/74	0	1	
OZAR0032	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	07/10/74-07/10/74	0	1	
OZAR0035	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	07/10/74-10/22/74	0	2	
OZAR0002	No	00600	NITROGEN, TOTAL (MG/L AS N)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/22/73-07/01/82	9	12	
OZAR0005	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	11	40	T
OZAR0006	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0009	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0011	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-06/30/82	9	13	
OZAR0012	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	11	38	
OZAR0013	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	05/03/77-08/28/80	3	8	
OZAR0015	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	11	30	
OZAR0017	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	0	4	
OZAR0018	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0020	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0022	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-06/30/82	9	14	
OZAR0024	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/26/77-07/26/77	0	1	
OZAR0025	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	0	5	
OZAR0026	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/17/73	0	3	
OZAR0027	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/90-08/08/90	0	5	
OZAR0030	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	11	32	
OZAR0032	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-06/30/82	9	13	
OZAR0033	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	11	45	T
OZAR0034	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-02/06/91	7	19	
OZAR0035	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-06/30/82	9	16	
OZAR0036	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	05/31/89-09/06/94	5	43	
OZAR0037	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	0	6	
OZAR0038	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/90-06/13/90	0	1	
OZAR0039	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0043	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0044	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/26/88-09/06/94	5	48	
OZAR0046	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/26/88-09/06/94	5	46	
OZAR0047	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/16/83-09/06/94	11	58	T
OZAR0049	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0050	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/16/73	0	3	
OZAR0053	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0054	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	12/05/88-09/06/94	5	35	
OZAR0056	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-07/01/82	9	14	
OZAR0057	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	11	41	T
OZAR0059	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	0	6	
OZAR0060	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0062	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0064	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0066	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/26/88-09/06/94	5	39	
OZAR0068	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	11	42	T
OZAR0069	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-06/30/82	9	16	
OZAR0072	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-07/25/90	7	3	
OZAR0074	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0075	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	05/16/89-09/06/94	5	32	
OZAR0076	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-06/13/90	6	6	
OZAR0078	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-07/01/82	9	13	
OZAR0082	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/14/92-07/14/92	0	1	
OZAR0084	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	05/16/89-09/06/94	5	33	
OZAR0085	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0088	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	0	5	
OZAR0089	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-06/29/82	9	14	
OZAR0092	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	0	5	
OZAR0094	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	0	6	
OZAR0097	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-07/09/74	1	4	
OZAR0098	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-08/03/93	10	11	
OZAR0100	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/25/91-06/25/91	0	1	
OZAR0101	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-07/09/74	1	4	
OZAR0105	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/09/74-06/29/82	7	12	
OZAR0108	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0110	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/20/91-03/04/92	0	4	
OZAR0111	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/20/91-03/04/92	0	4	
OZAR0004	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/06/73-06/11/81	8	12	
OZAR0006	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/06/73-09/23/81	8	14	
OZAR0013	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/77-08/28/80	2	7	
OZAR0018	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0022	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/06/73-09/22/81	8	14	
OZAR0024	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/21/73-10/17/73	0	3	
OZAR0032	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-09/22/81	8	13	
OZAR0035	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-09/22/81	8	16	
OZAR0039	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-10/17/73	0	4	
OZAR0043	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-10/17/73	0	4	
OZAR0049	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0050	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/03/73-10/16/73	0	4	
OZAR0056	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/03/73-09/23/81	8	13	
OZAR0060	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/03/73-10/16/73	0	4	
OZAR0064	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-10/16/73	0	4	
OZAR0069	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-09/22/81	8	16	
OZAR0074	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0078	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/03/73-06/11/81	8	13	
OZAR0085	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/02/73-10/15/73	0	4	
OZAR0089	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/02/73-09/21/81	8	14	
OZAR0097	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-07/09/74	1	5	
OZAR0101	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/02/73-07/09/74	1	5	
OZAR0105	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/09/74-09/21/81	7	11	
OZAR0108	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0004	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/12/90-08/11/93	2	6	
OZAR0014	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/12/90-03/21/95	4	4	
OZAR0021	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/26/94-09/21/94	0	2	
OZAR0035	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	0	1	
OZAR0056	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	0	1	
OZAR0069	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	0	1	
OZAR0073	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/20/93-03/21/95	1	23	
OZAR0085	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/27/94-09/19/94	0	2	
OZAR0093	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/23/93-09/23/93	0	1	
OZAR0105	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/29/93-04/29/93	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0002	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/19/93	20	33	S
OZAR0006	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/18/73	0	4	
OZAR0007	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/73-10/18/73	0	1	
OZAR0008	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/73-10/18/73	0	1	
OZAR0009	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0010	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/73-10/18/73	0	1	
OZAR0011	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-03/15/94	20	36	
OZAR0013	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/77-08/28/80	3	8	
OZAR0018	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0019	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/73-10/18/73	0	1	
OZAR0020	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0022	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/20/93	20	33	S
OZAR0024	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/21/73-10/17/73	0	3	
OZAR0031	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-10/17/73	0	1	
OZAR0032	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/20/93	20	33	S
OZAR0035	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-01/05/94	20	46	T,S
OZAR0039	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/17/73	0	4	
OZAR0040	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-10/17/73	0	1	
OZAR0041	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/74-10/22/74	0	4	
OZAR0043	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/17/73	0	4	
OZAR0045	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-10/17/73	0	1	
OZAR0048	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/22/93-01/22/93	0	1	
OZAR0049	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0050	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/16/73	0	4	
OZAR0052	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0053	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/16/73	0	4	
OZAR0056	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/21/93	20	33	S
OZAR0060	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0061	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0062	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/16/73	0	4	
OZAR0063	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0064	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/16/73	0	4	
OZAR0065	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0067	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/10/74-10/16/74	0	2	
OZAR0069	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/20/93	20	35	S
OZAR0074	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0077	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/73-10/15/73	0	1	
OZAR0078	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/19/93	20	33	S
OZAR0081	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0085	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/02/73-10/15/73	0	4	
OZAR0089	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/02/73-10/19/93	20	33	S
OZAR0095	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/17/74-10/21/74	0	3	
OZAR0096	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-07/09/74	0	2	
OZAR0097	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-07/09/74	1	5	
OZAR0101	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/02/73-07/09/74	1	5	
OZAR0105	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/74-10/21/93	19	31	
OZAR0108	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0004	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/12/90-08/11/93	2	6	
OZAR0014	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/12/90-03/21/95	4	4	
OZAR0021	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/26/94-09/21/94	0	2	
OZAR0035	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	0	1	
OZAR0056	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	0	1	
OZAR0069	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	0	1	
OZAR0073	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/20/93-03/21/95	1	23	
OZAR0085	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/27/94-09/19/94	0	2	
OZAR0093	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/23/93-09/23/93	0	1	
OZAR0105	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/29/93-04/29/93	0	1	
OZAR0004	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/22/73-10/19/93	20	33	S
OZAR0006	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0007	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/73-10/18/73	0	1	
OZAR0008	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/73-10/18/73	0	1	
OZAR0009	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0010	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/73-10/18/73	0	1	
OZAR0011	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-03/15/94	20	36	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0013	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-08/28/80	3	7	
OZAR0018	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0019	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/73-10/18/73	0	1	
OZAR0020	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0022	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/20/93	20	33	S
OZAR0024	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/17/73	0	3	
OZAR0031	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-10/17/73	0	1	
OZAR0032	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/20/93	20	32	S
OZAR0035	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-01/05/94	20	47	T,S
OZAR0039	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0040	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-10/17/73	0	1	
OZAR0041	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/18/74-10/22/74	0	4	
OZAR0043	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0045	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-10/17/73	0	1	
OZAR0048	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/22/93-01/22/93	0	1	
OZAR0049	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0050	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/16/73	0	3	
OZAR0052	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0053	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0056	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/21/93	20	33	S
OZAR0060	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0061	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0062	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0063	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0064	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0065	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0067	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/10/74-10/16/74	0	2	
OZAR0069	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/20/93	20	34	S
OZAR0074	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0077	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/15/73-10/15/73	0	1	
OZAR0078	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	20	33	S
OZAR0081	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	0	1	
OZAR0085	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0089	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	20	33	S
OZAR0095	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/18/74-10/21/74	0	4	
OZAR0096	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-07/09/74	0	2	
OZAR0097	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-07/09/74	1	4	
OZAR0101	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-07/09/74	1	4	
OZAR0105	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/74-10/21/93	19	32	
OZAR0108	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0001	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/26/67-09/24/68	0	3	
OZAR0023	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/27/71-04/27/71	0	1	
OZAR0028	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/26/67-09/24/68	0	3	
OZAR0055	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/04/66-04/26/71	5	5	
OZAR0070	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/26/67-09/24/68	0	4	
OZAR0079	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/30/71-04/30/71	0	1	
OZAR0091	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/03/66-04/30/71	4	3	
OZAR0103	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/26/71-04/26/71	0	1	
OZAR0104	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/67-09/23/68	0	3	
OZAR0106	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/71-04/16/71	0	1	
OZAR0107	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/71-04/16/71	0	1	
OZAR0004	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/06/73-09/23/81	8	14	
OZAR0005	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-07/28/86	3	8	
OZAR0006	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/06/73-09/23/81	8	14	
OZAR0012	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-07/28/86	3	9	
OZAR0013	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/77-08/28/80	3	8	
OZAR0015	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-07/28/86	3	6	
OZAR0017	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/23/83	0	2	
OZAR0018	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0022	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/06/73-06/10/81	8	14	
OZAR0024	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/77-07/26/77	0	1	
OZAR0025	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/19/83-08/23/83	0	4	
OZAR0026	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/17/73	0	3	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0030	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-07/28/86	3	8	
OZAR0032	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-09/22/81	8	13	
OZAR0033	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-07/28/86	3	9	
OZAR0034	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/11/83-07/28/86	2	5	
OZAR0035	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-09/22/81	8	18	
OZAR0036	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	0	3	
OZAR0037	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-06/16/86	2	7	
OZAR0038	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	0	3	
OZAR0039	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-10/17/73	0	4	
OZAR0043	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-10/17/73	0	4	
OZAR0044	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	0	3	
OZAR0047	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/83-07/28/86	3	10	
OZAR0049	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0050	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/73-10/16/73	0	4	
OZAR0054	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/02/83-07/28/86	3	4	
OZAR0056	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/73-09/23/81	8	15	
OZAR0057	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-07/28/86	3	7	
OZAR0059	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	0	6	
OZAR0060	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/73-10/16/73	0	4	
OZAR0064	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-10/16/73	0	4	
OZAR0066	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/14/83-07/28/86	2	5	
OZAR0068	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-07/28/86	3	9	
OZAR0069	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-09/22/81	8	16	
OZAR0072	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	0	6	
OZAR0074	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0075	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	0	3	
OZAR0076	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	0	5	
OZAR0078	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/73-09/21/81	8	15	
OZAR0084	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	0	3	
OZAR0085	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/02/73-10/15/73	0	4	
OZAR0088	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	0	5	
OZAR0089	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/02/73-09/21/81	8	15	
OZAR0094	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/83-06/16/83	0	1	
OZAR0097	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-07/09/74	1	5	
OZAR0098	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/04/83-09/04/83	0	1	
OZAR0101	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/02/73-07/09/74	1	5	
OZAR0105	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/74-09/21/81	7	13	
OZAR0108	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0004	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/12/90-08/11/93	2	5	
OZAR0014	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/12/90-03/21/95	4	4	
OZAR0021	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/26/94-09/21/94	0	2	
OZAR0073	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/20/93-03/21/95	1	23	
OZAR0085	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/27/94-09/19/94	0	2	
OZAR0093	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/23/93-09/23/93	0	1	
OZAR0002	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/19/93	20	34	S
OZAR0006	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-03/15/94	20	38	
OZAR0013	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/77-08/28/80	3	7	
OZAR0014	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/21/95-03/21/95	0	1	
OZAR0018	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/18/73	0	4	
OZAR0021	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/20/93	20	34	S
OZAR0024	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/21/73-10/17/73	0	3	
OZAR0032	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/20/93	20	33	S
OZAR0035	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-01/05/94	20	49	T,S
OZAR0039	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/17/73	0	4	
OZAR0043	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/17/73	0	4	
OZAR0048	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/22/93-01/22/93	0	1	
OZAR0049	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0050	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/16/73	0	4	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0056	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/21/93	20	35	S
OZAR0060	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/16/73	0	4	
OZAR0064	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/16/73	0	4	
OZAR0069	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/20/93	20	36	S
OZAR0073	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/93-03/21/95	1	23	
OZAR0074	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0078	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/19/93	20	34	S
OZAR0085	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/02/73-09/19/94	21	6	
OZAR0089	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/02/73-10/19/93	20	34	S
OZAR0097	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-07/09/74	1	5	
OZAR0101	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/02/73-07/09/74	1	5	
OZAR0105	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/74-10/21/93	19	33	
OZAR0108	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0002	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/22/73-10/19/93	20	33	S
OZAR0006	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0009	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0011	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-03/15/94	20	36	
OZAR0013	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/03/77-08/28/80	3	7	
OZAR0018	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0020	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/18/73	0	3	
OZAR0022	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/20/93	20	33	S
OZAR0024	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/17/73	0	3	
OZAR0032	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/20/93	20	32	S
OZAR0035	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-01/05/94	20	47	T,S
OZAR0039	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0043	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0048	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/22/93-01/22/93	0	1	
OZAR0049	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/17/73	0	3	
OZAR0050	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/16/73	0	3	
OZAR0053	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0056	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/21/93	20	33	S
OZAR0060	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0064	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0069	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/20/93	20	34	S
OZAR0074	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	0	3	
OZAR0078	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	20	33	S
OZAR0085	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0089	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	20	33	S
OZAR0097	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-07/09/74	1	4	
OZAR0101	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-07/09/74	1	4	
OZAR0105	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/74-10/21/93	19	32	
OZAR0108	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/74-07/09/74	0	1	
OZAR0004	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/90-08/11/93	2	6	
OZAR0014	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/90-03/21/95	4	4	
OZAR0021	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/26/94-09/21/94	0	2	
OZAR0032	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/74-07/10/74	0	1	
OZAR0035	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/93-04/14/93	0	1	
OZAR0056	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/93-04/14/93	0	1	
OZAR0069	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/93-04/14/93	0	1	
OZAR0073	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/20/93-03/21/95	1	23	
OZAR0085	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/27/94-09/19/94	0	2	
OZAR0093	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/93-09/23/93	0	1	
OZAR0105	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/29/93-04/29/93	0	1	
OZAR0014	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/07/62-06/03/63	0	9	
OZAR0002	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/17/79-05/17/79	0	1	
OZAR0010	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/61-11/07/61	0	6	
OZAR0011	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/17/79-05/17/79	0	1	
OZAR0013	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/17/79-05/17/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0022	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/16/79-05/16/79	0	1	
OZAR0029	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/27/61-11/07/61	0	6	
OZAR0041	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/61-11/08/61	0	5	
OZAR0056	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/16/79-05/16/79	0	1	
OZAR0058	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/61-11/06/61	0	7	
OZAR0069	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/16/79-05/16/79	0	1	
OZAR0080	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/15/79-05/15/79	0	1	
OZAR0090	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/15/79-05/15/79	0	1	
OZAR0105	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/15/79-05/15/79	0	1	
OZAR0001	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/67-09/24/68	0	3	
OZAR0028	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/67-09/24/68	0	3	
OZAR0055	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/24/67-04/24/67	0	1	
OZAR0070	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/24/67-04/24/67	0	1	
OZAR0071	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/67-09/24/68	0	4	
OZAR0091	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/25/67-04/25/67	0	1	
OZAR0104	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/25/67-09/23/68	0	3	
OZAR0004	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/19/93	20	34	S
OZAR0005	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	37	
OZAR0006	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/18/73	0	4	
OZAR0007	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/73-10/18/73	0	1	
OZAR0008	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/73-10/18/73	0	1	
OZAR0009	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/18/73	0	4	
OZAR0010	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/61-10/18/73	12	7	
OZAR0011	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-03/15/94	20	38	
OZAR0012	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	34	
OZAR0013	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/03/77-08/28/80	3	8	
OZAR0014	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/21/95-03/21/95	0	1	
OZAR0015	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-09/06/94	6	28	
OZAR0018	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/18/73	0	4	
OZAR0019	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/73-10/18/73	0	1	
OZAR0020	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/18/73	0	4	
OZAR0021	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/20/93	20	34	S
OZAR0024	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/21/73-10/17/73	0	3	
OZAR0027	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/90-08/08/90	0	5	
OZAR0029	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/61-11/07/61	0	7	
OZAR0030	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-09/06/94	6	29	
OZAR0031	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-10/17/73	0	1	
OZAR0032	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/20/93	20	33	S
OZAR0033	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	44	
OZAR0034	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-02/06/91	2	18	
OZAR0035	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-01/05/94	20	49	T,S
OZAR0036	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	47	
OZAR0038	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/90-06/13/90	0	1	
OZAR0039	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/17/73	0	3	
OZAR0040	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-10/17/73	0	1	
OZAR0041	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/61-10/22/74	13	8	
OZAR0042	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/74-10/22/74	0	4	
OZAR0043	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/17/73	0	4	
OZAR0044	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	51	
OZAR0045	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-10/17/73	0	1	
OZAR0046	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-09/06/94	6	47	
OZAR0047	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	51	
OZAR0048	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/22/93-01/22/93	0	1	
OZAR0049	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/73-10/17/73	0	3	
OZAR0050	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/16/73	0	4	
OZAR0052	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0053	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/16/73	0	4	
OZAR0054	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	37	
OZAR0056	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/21/93	20	35	S
OZAR0057	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	36	
OZAR0058	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/61-11/06/61	0	7	
OZAR0060	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/73-10/16/73	0	3	
OZAR0061	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0062	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/16/73	0	4	
OZAR0063	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0064	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/16/73	0	4	
OZAR0065	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0066	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	41	
OZAR0067	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/74-10/16/74	0	2	
OZAR0068	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	38	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0069	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/20/93	20	36	S
OZAR0073	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/93-03/21/95	1	23	
OZAR0074	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/73-10/16/73	0	3	
OZAR0075	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	33	
OZAR0076	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/90-06/13/90	0	1	
OZAR0077	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/73-10/15/73	0	1	
OZAR0078	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/19/93	20	34	S
OZAR0081	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0082	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/92-07/14/92	0	1	
OZAR0084	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	6	36	
OZAR0085	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/02/73-09/19/94	21	6	
OZAR0089	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/02/73-10/19/93	20	34	S
OZAR0095	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/74-10/21/74	0	4	
OZAR0096	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-07/09/74	0	2	
OZAR0097	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-07/09/74	1	5	
OZAR0098	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/91-08/03/93	1	5	
OZAR0100	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/25/91-06/25/91	0	1	
OZAR0101	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/02/73-07/09/74	1	5	
OZAR0105	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/74-10/21/93	19	32	
OZAR0108	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/74-07/09/74	0	1	
OZAR0109	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/74-07/09/74	0	1	
OZAR0110	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/91-01/07/92	0	3	
OZAR0111	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/91-01/07/92	0	2	
OZAR0004	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/73-09/11/91	18	9	
OZAR0006	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/73-10/18/73	0	4	
OZAR0009	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-10/18/73	0	4	
OZAR0011	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/73-08/11/93	20	9	
OZAR0014	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/12/90-03/21/95	4	4	
OZAR0018	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-10/18/73	0	4	
OZAR0020	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-10/18/73	0	4	
OZAR0021	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/73-10/17/73	0	4	
OZAR0024	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/26/77-07/26/77	0	1	
OZAR0026	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/21/73-10/17/73	0	3	
OZAR0032	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-04/15/75	2	9	
OZAR0039	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/17/73	0	4	
OZAR0043	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/17/73	0	4	
OZAR0049	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/20/73-10/17/73	0	3	
OZAR0050	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/16/73	0	4	
OZAR0053	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/73-10/16/73	0	4	
OZAR0056	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/73-10/16/73	0	4	
OZAR0060	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/19/73-10/16/73	0	3	
OZAR0062	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/73-10/16/73	0	4	
OZAR0064	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/16/73	0	4	
OZAR0069	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/16/73	0	4	
OZAR0073	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/20/93-03/21/95	1	23	
OZAR0074	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/19/73-10/16/73	0	3	
OZAR0078	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/18/73-10/15/73	0	3	
OZAR0080	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/73-10/15/73	0	4	
OZAR0085	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/02/73-09/19/94	21	6	
OZAR0089	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/18/73-10/15/73	0	3	
OZAR0090	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/02/73-10/15/73	0	4	
OZAR0093	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/93-09/23/93	0	1	
OZAR0097	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/16/73	0	4	
OZAR0101	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/02/73-10/15/73	0	4	
OZAR0001	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/67-09/24/68	0	3	
OZAR0004	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/90-08/11/93	2	6	
OZAR0014	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/90-03/21/95	4	4	
OZAR0021	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/94-09/21/94	0	2	
OZAR0028	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/67-09/24/68	0	3	
OZAR0035	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/93-04/14/93	0	1	
OZAR0055	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/24/67-04/24/67	0	1	
OZAR0056	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/93-04/14/93	0	1	
OZAR0069	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/93-04/14/93	0	1	
OZAR0070	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/24/67-04/24/67	0	1	
OZAR0071	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/67-09/24/68	0	4	
OZAR0073	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/93-03/21/95	1	23	
OZAR0085	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/27/94-09/19/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0091	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/25/67-04/25/67	0	1	
OZAR0093	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/23/93-09/23/93	0	1	
OZAR0104	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/67-09/23/68	0	3	
OZAR0105	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/93-04/29/93	0	1	
OZAR0004	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/90-08/11/93	2	5	
OZAR0014	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/90-09/10/91	0	3	
OZAR0035	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/93-03/18/93	0	1	
OZAR0013	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/77-08/28/80	3	7	
OZAR0014	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/21/95-03/21/95	0	1	
OZAR0021	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/20/93-03/21/95	1	22	
OZAR0085	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/27/94-09/19/94	0	2	
OZAR0093	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/23/93-09/23/93	0	1	
OZAR0014	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	03/21/95-03/21/95	0	1	
OZAR0021	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	05/26/94-09/21/94	0	2	
OZAR0073	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	04/20/93-03/21/95	1	22	
OZAR0085	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/19/94-09/19/94	0	1	
OZAR0001	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/67-09/24/68	0	5	
OZAR0004	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/73-09/06/79	6	8	
OZAR0006	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/73-09/06/79	6	3	
OZAR0013	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/06/79-09/06/79	0	1	
OZAR0014	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/07/62-06/03/63	0	9	
OZAR0018	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-08/02/73	0	2	
OZAR0022	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/73-09/05/79	6	3	
OZAR0023	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/67-09/24/68	0	4	
OZAR0032	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-04/15/75	2	10	
OZAR0039	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-08/01/73	0	2	
OZAR0041	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/18/74-10/22/74	0	4	
OZAR0043	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-08/01/73	0	2	
OZAR0050	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/73-09/05/79	6	3	
OZAR0062	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-09/05/79	6	3	
OZAR0070	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/67-11/20/68	1	7	
OZAR0078	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/73-09/05/79	6	3	
OZAR0085	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/02/73-07/30/73	0	2	
OZAR0090	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/02/73-09/04/79	6	3	
OZAR0091	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/66-04/30/71	4	3	
OZAR0095	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/18/74-10/21/74	0	4	
OZAR0097	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/64-07/31/73	8	3	
OZAR0101	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/02/73-07/30/73	0	2	
OZAR0103	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/71-04/26/71	0	1	
OZAR0104	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/67-09/23/68	0	5	
OZAR0105	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/04/79-09/04/79	0	1	
OZAR0106	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/71-04/16/71	0	1	
OZAR0107	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/71-04/16/71	0	1	
OZAR0108	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/14/65-10/14/65	0	1	
OZAR0001	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/26/67-09/24/68	0	4	
OZAR0004	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/73-09/06/79	6	8	
OZAR0006	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/73-09/06/79	6	3	
OZAR0013	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/06/79-09/06/79	0	1	
OZAR0014	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/07/62-06/03/63	0	9	
OZAR0018	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-08/02/73	0	2	
OZAR0022	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/73-09/05/79	6	3	
OZAR0023	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/27/71-04/27/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0024	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/26/67-09/24/68	0	4	
OZAR0032	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-04/15/75	2	10	
OZAR0039	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-08/01/73	0	2	
OZAR0043	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-08/01/73	0	2	
OZAR0050	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/03/73-09/05/79	6	3	
OZAR0062	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-09/05/79	6	3	
OZAR0070	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/26/67-11/20/68	1	6	
OZAR0078	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/03/73-09/05/79	6	3	
OZAR0085	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/02/73-07/30/73	0	2	
OZAR0090	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/02/73-09/04/79	6	3	
OZAR0091	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/03/66-04/30/71	4	3	
OZAR0097	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/01/64-07/31/73	8	3	
OZAR0101	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/02/73-07/30/73	0	2	
OZAR0103	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/26/71-04/26/71	0	1	
OZAR0104	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/25/67-09/23/68	0	4	
OZAR0105	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/04/79-09/04/79	0	1	
OZAR0106	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/16/71-04/16/71	0	1	
OZAR0107	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/16/71-04/16/71	0	1	
OZAR0108	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/14/65-10/14/65	0	1	
OZAR0001	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/26/67-09/24/68	0	5	
OZAR0004	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/73-09/11/91	18	10	
OZAR0006	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/73-01/05/94	20	8	
OZAR0014	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/06/63-03/21/95	31	5	
OZAR0018	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-08/02/73	0	2	
OZAR0021	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/73-08/01/73	0	2	
OZAR0023	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/26/67-09/24/68	0	4	
OZAR0032	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-01/05/94	20	18	S
OZAR0039	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-08/01/73	0	2	
OZAR0043	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-08/01/73	0	2	
OZAR0048	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/22/93-01/22/93	0	1	
OZAR0050	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-07/31/73	0	2	
OZAR0070	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/26/67-11/20/68	1	7	
OZAR0073	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/93-03/21/95	1	23	
OZAR0078	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/02/73-09/19/94	21	4	
OZAR0090	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/02/73-07/30/73	0	2	
OZAR0091	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/66-04/30/71	4	3	
OZAR0093	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/93-09/23/93	0	1	
OZAR0097	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/01/64-07/31/73	8	3	
OZAR0101	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/02/73-07/30/73	0	2	
OZAR0103	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/26/71-04/26/71	0	1	
OZAR0104	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/67-09/23/68	0	5	
OZAR0106	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/16/71-04/16/71	0	1	
OZAR0107	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/16/71-04/16/71	0	1	
OZAR0108	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/14/65-10/14/65	0	1	
OZAR0041	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/18/74-10/22/74	0	4	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0042	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	01/18/74-10/22/74	0	4	
OZAR0095	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/18/74-10/21/74	0	4	
OZAR0001	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/67-09/24/68	0	5	
OZAR0004	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/73-09/11/91	18	10	
OZAR0006	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/73-01/05/94	20	8	
OZAR0014	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/06/63-03/21/95	31	5	
OZAR0018	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-08/02/73	0	2	
OZAR0021	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/73-08/01/73	0	2	
OZAR0023	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/67-09/24/68	0	4	
OZAR0032	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-01/05/94	20	18	S
OZAR0039	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-08/01/73	0	2	
OZAR0043	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-08/01/73	0	2	
OZAR0048	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/22/93-01/22/93	0	1	
OZAR0050	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-07/31/73	0	2	
OZAR0070	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/67-11/20/68	1	7	
OZAR0073	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/93-03/21/95	1	23	
OZAR0078	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/02/73-09/19/94	21	4	
OZAR0090	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/02/73-07/30/73	0	2	
OZAR0091	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/66-04/30/71	4	3	
OZAR0093	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/93-09/23/93	0	1	
OZAR0097	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/01/64-07/31/73	8	3	
OZAR0101	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/02/73-07/30/73	0	2	
OZAR0103	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/26/71-04/26/71	0	1	
OZAR0104	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/67-09/23/68	0	5	
OZAR0106	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/71-04/16/71	0	1	
OZAR0107	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/71-04/16/71	0	1	
OZAR0108	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/14/65-10/14/65	0	1	
OZAR0041	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/18/74-10/22/74	0	4	
OZAR0095	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/18/74-10/21/74	0	4	
OZAR0041	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	01/18/74-10/22/74	0	4	
OZAR0095	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/18/74-10/21/74	0	4	
OZAR0001	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/67-09/24/68	0	3	
OZAR0004	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/73-09/11/91	18	10	
OZAR0006	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/73-01/05/94	20	8	
OZAR0014	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/62-03/21/95	32	13	
OZAR0018	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-08/02/73	0	2	
OZAR0021	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/73-08/01/73	0	2	
OZAR0023	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/67-09/24/68	0	3	
OZAR0032	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-01/05/94	20	18	S
OZAR0039	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-08/01/73	0	2	
OZAR0043	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-08/01/73	0	2	
OZAR0048	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/22/93-01/22/93	0	1	
OZAR0050	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/03/73-07/31/73	0	2	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0062	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-07/31/73	0	2	
OZAR0070	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/67-09/24/68	0	4	
OZAR0073	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/93-03/21/95	1	23	
OZAR0078	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/02/73-09/19/94	21	4	
OZAR0090	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/02/73-07/30/73	0	2	
OZAR0091	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/66-04/30/71	4	3	
OZAR0093	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/93-09/23/93	0	1	
OZAR0097	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/01/64-07/31/73	8	3	
OZAR0101	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/02/73-07/30/73	0	2	
OZAR0103	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/26/71-04/26/71	0	1	
OZAR0104	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/67-09/23/68	0	3	
OZAR0106	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/16/71-04/16/71	0	1	
OZAR0107	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/16/71-04/16/71	0	1	
OZAR0108	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/14/65-10/14/65	0	1	
OZAR0004	Yes	00931	SODIUM ADSORPTION RATIO	04/06/73-07/10/74	1	7	
OZAR0006	Yes	00931	SODIUM ADSORPTION RATIO	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00931	SODIUM ADSORPTION RATIO	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00931	SODIUM ADSORPTION RATIO	04/06/73-08/02/73	0	2	
OZAR0014	No	00931	SODIUM ADSORPTION RATIO	11/05/62-05/06/63	0	7	
OZAR0018	No	00931	SODIUM ADSORPTION RATIO	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00931	SODIUM ADSORPTION RATIO	04/05/73-08/02/73	0	2	
OZAR0022	Yes	00931	SODIUM ADSORPTION RATIO	04/06/73-08/01/73	0	2	
OZAR0024	Yes	00931	SODIUM ADSORPTION RATIO	07/26/77-07/26/77	0	1	
OZAR0032	Yes	00931	SODIUM ADSORPTION RATIO	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00931	SODIUM ADSORPTION RATIO	04/05/73-04/15/75	2	10	
OZAR0039	Yes	00931	SODIUM ADSORPTION RATIO	04/04/73-08/01/73	0	2	
OZAR0043	No	00931	SODIUM ADSORPTION RATIO	04/04/73-08/01/73	0	2	
OZAR0050	No	00931	SODIUM ADSORPTION RATIO	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00931	SODIUM ADSORPTION RATIO	04/03/73-07/31/73	0	2	
OZAR0056	Yes	00931	SODIUM ADSORPTION RATIO	04/03/73-07/31/73	0	2	
OZAR0062	Yes	00931	SODIUM ADSORPTION RATIO	04/03/73-07/31/73	0	2	
OZAR0064	Yes	00931	SODIUM ADSORPTION RATIO	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00931	SODIUM ADSORPTION RATIO	04/04/73-07/31/73	0	2	
OZAR0078	Yes	00931	SODIUM ADSORPTION RATIO	07/30/73-07/30/73	0	1	
OZAR0080	Yes	00931	SODIUM ADSORPTION RATIO	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00931	SODIUM ADSORPTION RATIO	04/02/73-07/30/73	0	2	
OZAR0090	Yes	00931	SODIUM ADSORPTION RATIO	04/02/73-07/30/73	0	2	
OZAR0097	Yes	00931	SODIUM ADSORPTION RATIO	04/04/73-07/31/73	0	2	
OZAR0101	No	00931	SODIUM ADSORPTION RATIO	04/02/73-07/30/73	0	2	
OZAR0108	No	00931	SODIUM ADSORPTION RATIO	10/14/65-10/14/65	0	1	
OZAR0004	Yes	00932	SODIUM, PERCENT	04/06/73-07/10/74	1	7	
OZAR0006	Yes	00932	SODIUM, PERCENT	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00932	SODIUM, PERCENT	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00932	SODIUM, PERCENT	04/06/73-08/02/73	0	2	
OZAR0014	No	00932	SODIUM, PERCENT	11/05/62-05/06/63	0	7	
OZAR0018	No	00932	SODIUM, PERCENT	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00932	SODIUM, PERCENT	04/05/73-08/02/73	0	2	
OZAR0022	Yes	00932	SODIUM, PERCENT	04/06/73-08/01/73	0	2	
OZAR0024	Yes	00932	SODIUM, PERCENT	07/26/77-07/26/77	0	1	
OZAR0032	Yes	00932	SODIUM, PERCENT	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00932	SODIUM, PERCENT	04/05/73-04/15/75	2	10	
OZAR0039	Yes	00932	SODIUM, PERCENT	04/04/73-08/01/73	0	2	
OZAR0043	No	00932	SODIUM, PERCENT	04/04/73-08/01/73	0	2	
OZAR0050	No	00932	SODIUM, PERCENT	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00932	SODIUM, PERCENT	04/03/73-07/31/73	0	2	
OZAR0056	Yes	00932	SODIUM, PERCENT	04/03/73-07/31/73	0	2	
OZAR0062	Yes	00932	SODIUM, PERCENT	04/03/73-07/31/73	0	2	
OZAR0064	Yes	00932	SODIUM, PERCENT	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00932	SODIUM, PERCENT	04/04/73-07/31/73	0	2	
OZAR0078	Yes	00932	SODIUM, PERCENT	07/30/73-07/30/73	0	1	
OZAR0080	Yes	00932	SODIUM, PERCENT	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00932	SODIUM, PERCENT	04/02/73-07/30/73	0	2	
OZAR0090	Yes	00932	SODIUM, PERCENT	04/02/73-07/30/73	0	2	
OZAR0097	Yes	00932	SODIUM, PERCENT	04/04/73-07/31/73	0	2	
OZAR0101	No	00932	SODIUM, PERCENT	04/02/73-07/30/73	0	2	
OZAR0108	No	00932	SODIUM, PERCENT	10/14/65-10/14/65	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0001	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/67-09/24/68	0	3	
OZAR0004	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/06/73-09/11/91	18	10	
OZAR0006	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/06/73-01/05/94	20	8	
OZAR0014	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/05/62-03/21/95	32	7	
OZAR0018	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-08/02/73	0	2	
OZAR0021	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/06/73-08/01/73	0	2	
OZAR0023	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/67-09/24/68	0	3	
OZAR0032	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-01/05/94	20	18	S
OZAR0039	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-08/01/73	0	2	
OZAR0043	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-08/01/73	0	2	
OZAR0048	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/22/93-01/22/93	0	1	
OZAR0050	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-07/31/73	0	2	
OZAR0070	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/67-09/24/68	0	4	
OZAR0073	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/93-03/21/95	1	23	
OZAR0078	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/02/73-09/19/94	21	4	
OZAR0090	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/02/73-07/30/73	0	2	
OZAR0091	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/66-04/30/71	4	3	
OZAR0093	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/93-09/23/93	0	1	
OZAR0097	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/01/64-07/31/73	8	3	
OZAR0101	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/02/73-07/30/73	0	2	
OZAR0103	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/26/71-04/26/71	0	1	
OZAR0104	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/67-09/23/68	0	3	
OZAR0106	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/71-04/16/71	0	1	
OZAR0107	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/71-04/16/71	0	1	
OZAR0108	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/65-10/14/65	0	1	
OZAR0041	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	01/18/74-10/22/74	0	4	
OZAR0095	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/18/74-10/21/74	0	4	
OZAR0001	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/67-09/24/68	0	3	
OZAR0002	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/06/73-09/11/91	18	10	
OZAR0006	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/06/73-01/05/94	20	8	
OZAR0013	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/03/77-08/28/80	3	8	
OZAR0014	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/07/62-03/21/95	32	13	
OZAR0018	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-08/02/73	0	2	
OZAR0021	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/06/73-08/01/73	0	2	
OZAR0023	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/67-09/24/68	0	3	
OZAR0032	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-01/05/94	20	18	S
OZAR0039	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-08/01/73	0	2	
OZAR0041	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/74-10/22/74	0	4	
OZAR0043	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-08/01/73	0	2	
OZAR0048	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/22/93-01/22/93	0	1	
OZAR0050	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/03/73-07/31/73	0	2	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0062	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-07/31/73	0	2	
OZAR0070	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/67-09/24/68	0	4	
OZAR0073	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/93-03/21/95	1	23	
OZAR0078	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/02/73-09/19/94	21	4	
OZAR0090	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/02/73-07/30/73	0	2	
OZAR0091	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/66-04/30/71	4	3	
OZAR0093	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/93-09/23/93	0	1	
OZAR0095	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/74-10/21/74	0	4	
OZAR0097	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/64-07/31/73	8	3	
OZAR0101	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/02/73-07/30/73	0	2	
OZAR0103	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/71-04/26/71	0	1	
OZAR0104	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/25/67-09/23/68	0	3	
OZAR0106	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/71-04/16/71	0	1	
OZAR0107	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/71-04/16/71	0	1	
OZAR0108	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/65-10/14/65	0	1	
OZAR0001	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/67-09/24/68	0	3	
OZAR0002	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/06/73-09/11/91	18	10	
OZAR0006	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/06/73-01/05/94	20	8	
OZAR0013	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/12/78-09/12/78	0	1	
OZAR0014	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/07/62-03/21/95	32	13	
OZAR0018	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-08/02/73	0	2	
OZAR0021	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/06/73-08/01/73	0	2	
OZAR0023	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/67-09/24/68	0	3	
OZAR0032	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-01/05/94	20	18	S
OZAR0039	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-08/01/73	0	2	
OZAR0041	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/74-07/10/74	0	3	
OZAR0043	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-08/01/73	0	2	
OZAR0048	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/93-01/22/93	0	1	
OZAR0050	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-07/31/73	0	2	
OZAR0070	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/67-09/24/68	0	4	
OZAR0073	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/93-03/21/95	1	23	
OZAR0078	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/02/73-09/19/94	21	4	
OZAR0090	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/02/73-07/30/73	0	2	
OZAR0091	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/66-04/30/71	4	3	
OZAR0093	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/93-09/23/93	0	1	
OZAR0095	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/74-10/21/74	0	4	
OZAR0097	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/64-07/31/73	8	3	
OZAR0101	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/02/73-07/30/73	0	2	
OZAR0103	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/26/71-04/26/71	0	1	
OZAR0104	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/25/67-09/23/68	0	3	
OZAR0106	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/71-04/16/71	0	1	
OZAR0107	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/71-04/16/71	0	1	
OZAR0108	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/65-10/14/65	0	1	
OZAR0001	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/26/67-09/24/68	0	3	
OZAR0004	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/06/73-09/11/91	18	10	
OZAR0006	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/06/73-08/02/73	0	2	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0009	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/06/73-01/05/94	20	8	
OZAR0014	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/03/62-03/21/95	32	6	
OZAR0018	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-08/02/73	0	2	
OZAR0021	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/06/73-08/01/73	0	2	
OZAR0023	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/26/67-09/24/68	0	3	
OZAR0032	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-01/05/94	20	18	S
OZAR0039	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-08/01/73	0	2	
OZAR0043	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-08/01/73	0	2	
OZAR0048	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/22/93-01/22/93	0	1	
OZAR0050	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-07/31/73	0	2	
OZAR0070	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/26/67-09/24/68	0	4	
OZAR0073	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/93-03/21/95	1	23	
OZAR0078	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/02/73-09/19/94	21	4	
OZAR0090	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/02/73-07/30/73	0	2	
OZAR0091	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/66-04/30/71	4	3	
OZAR0093	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/93-09/23/93	0	1	
OZAR0097	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/01/64-07/31/73	8	3	
OZAR0101	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/02/73-07/30/73	0	2	
OZAR0103	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/26/71-04/26/71	0	1	
OZAR0104	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/25/67-09/23/68	0	3	
OZAR0108	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/14/65-10/14/65	0	1	
OZAR0001	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/67-09/24/68	0	3	
OZAR0004	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/73-09/11/91	18	10	
OZAR0006	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-08/02/73	0	2	
OZAR0010	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/28/61-11/07/61	0	7	
OZAR0011	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/73-08/11/93	20	7	
OZAR0014	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/06/63-03/21/95	31	5	
OZAR0018	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-08/02/73	0	2	
OZAR0021	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/73-08/01/73	0	2	
OZAR0023	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/27/71-04/27/71	0	1	
OZAR0024	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/67-09/24/68	0	3	
OZAR0029	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/61-11/07/61	0	8	
OZAR0032	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-04/15/75	2	10	
OZAR0039	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-08/01/73	0	2	
OZAR0041	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/28/61-11/08/61	0	6	
OZAR0043	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-08/01/73	0	2	
OZAR0050	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/04/66-04/26/71	5	5	
OZAR0056	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/03/73-07/31/73	0	2	
OZAR0058	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/61-11/06/61	0	8	
OZAR0062	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-07/31/73	0	2	
OZAR0070	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/67-09/24/68	0	4	
OZAR0073	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/20/93-03/21/95	1	23	
OZAR0078	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/30/73-07/30/73	0	1	
OZAR0079	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/71-04/30/71	0	1	
OZAR0080	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/02/73-09/19/94	21	4	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0090	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/02/73-07/30/73	0	2	
OZAR0091	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/66-04/30/71	4	3	
OZAR0093	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/93-09/23/93	0	1	
OZAR0097	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/01/64-07/31/73	8	3	
OZAR0101	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/02/73-07/30/73	0	2	
OZAR0103	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/26/71-04/26/71	0	1	
OZAR0104	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/25/67-09/23/68	0	3	
OZAR0108	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/14/65-10/14/65	0	1	
OZAR0004	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/12/90-08/11/93	2	5	
OZAR0014	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/06/73-07/10/74	1	6	
OZAR0022	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/06/73-07/10/74	1	4	
OZAR0024	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/05/73-04/15/75	2	9	
OZAR0004	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/12/90-08/11/93	2	5	
OZAR0014	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/06/73-07/10/74	1	6	
OZAR0022	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/06/73-07/10/74	1	4	
OZAR0024	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/05/73-04/15/75	2	8	
OZAR0004	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/12/90-08/11/93	2	5	
OZAR0014	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/23/93-09/23/93	0	1	
OZAR0024	Yes	01022	BORON, TOTAL (UG/L AS B)	07/26/77-07/26/77	0	1	
OZAR0004	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/12/90-01/05/94	3	6	
OZAR0014	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/21/94-09/21/94	0	1	
OZAR0035	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/12/92-01/05/94	1	8	
OZAR0048	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/22/93-01/22/93	0	1	
OZAR0073	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/23/93-09/23/93	0	1	
OZAR0002	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/19/93	20	33	S
OZAR0011	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/76-01/05/94	17	30	
OZAR0022	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/20/93	20	33	S
OZAR0024	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-10/20/93	20	31	S
OZAR0035	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-01/05/94	20	46	T,S
OZAR0048	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/22/93-01/22/93	0	1	
OZAR0056	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/76-10/21/93	17	29	
OZAR0069	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/76-10/20/93	17	29	
OZAR0080	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	17	28	
OZAR0090	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	17	28	
OZAR0105	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/75-10/21/93	18	31	
OZAR0004	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/12/90-08/11/93	2	5	
OZAR0014	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/06/73-07/10/74	1	6	
OZAR0022	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/06/73-07/10/74	1	4	
OZAR0024	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/05/73-04/15/75	2	9	
OZAR0004	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/12/90-08/11/93	2	5	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0014	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	01037	COBALT, TOTAL (UG/L AS CO)	04/06/73-07/10/74	1	6	
OZAR0022	Yes	01037	COBALT, TOTAL (UG/L AS CO)	04/06/73-07/10/74	1	4	
OZAR0032	Yes	01037	COBALT, TOTAL (UG/L AS CO)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	01037	COBALT, TOTAL (UG/L AS CO)	04/05/73-04/15/75	2	9	
OZAR0004	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/12/90-01/05/94	3	6	
OZAR0014	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/21/94-09/21/94	0	1	
OZAR0035	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/12/92-01/05/94	1	8	
OZAR0048	No	01040	COPPER, DISSOLVED (UG/L AS CU)	01/22/93-01/22/93	0	1	
OZAR0073	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/20/93-03/21/95	1	12	
OZAR0089	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/73-10/15/73	0	1	
OZAR0093	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/23/93-09/23/93	0	1	
OZAR0002	No	01042	COPPER, TOTAL (UG/L AS CU)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	01042	COPPER, TOTAL (UG/L AS CU)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/06/73-07/10/74	1	6	
OZAR0022	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/06/73-07/10/74	1	4	
OZAR0024	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/05/73-04/15/75	2	9	
OZAR0041	No	01042	COPPER, TOTAL (UG/L AS CU)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	01042	COPPER, TOTAL (UG/L AS CU)	01/18/74-10/22/74	0	4	
OZAR0095	No	01042	COPPER, TOTAL (UG/L AS CU)	01/18/74-10/21/74	0	3	
OZAR0002	No	01045	IRON, TOTAL (UG/L AS FE)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/24/80-05/08/80	0	2	
OZAR0024	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/26/77-07/26/77	0	1	
OZAR0041	No	01045	IRON, TOTAL (UG/L AS FE)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/18/74-10/22/74	0	4	
OZAR0095	No	01045	IRON, TOTAL (UG/L AS FE)	01/18/74-10/21/74	0	4	
OZAR0004	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/06/73-09/11/91	18	10	
OZAR0006	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/06/73-01/05/94	20	8	
OZAR0014	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/12/90-03/21/95	4	4	
OZAR0018	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-08/02/73	0	2	
OZAR0021	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/06/73-08/01/73	0	2	
OZAR0024	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-01/05/94	20	18	S
OZAR0039	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-08/01/73	0	2	
OZAR0043	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-08/01/73	0	2	
OZAR0048	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/22/93-01/22/93	0	1	
OZAR0050	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/03/73-07/31/73	0	2	
OZAR0056	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/03/73-07/31/73	0	2	
OZAR0064	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-07/31/73	0	2	
OZAR0073	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/20/93-03/21/95	1	23	
OZAR0078	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/30/73-07/30/73	0	1	
OZAR0080	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/02/73-09/19/94	21	4	
OZAR0090	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/02/73-07/30/73	0	2	
OZAR0093	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/23/93-09/23/93	0	1	
OZAR0097	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-07/31/73	0	2	
OZAR0101	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/02/73-07/30/73	0	2	
OZAR0004	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/12/90-01/05/94	3	6	
OZAR0014	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/21/94-09/21/94	0	1	
OZAR0035	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/12/92-01/05/94	1	8	
OZAR0048	No	01049	LEAD, DISSOLVED (UG/L AS PB)	01/22/93-01/22/93	0	1	
OZAR0073	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/23/93-09/23/93	0	1	
OZAR0002	No	01051	LEAD, TOTAL (UG/L AS PB)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	01051	LEAD, TOTAL (UG/L AS PB)	01/24/80-05/08/80	0	2	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0004	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/19/93	20	33	S
OZAR0011	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/22/76-01/05/94	17	30	
OZAR0022	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/20/93	20	33	S
OZAR0024	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/05/73-10/20/93	20	31	S
OZAR0035	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/05/73-01/05/94	20	46	T,S
OZAR0041	No	01051	LEAD, TOTAL (UG/L AS PB)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	01051	LEAD, TOTAL (UG/L AS PB)	01/18/74-10/22/74	0	4	
OZAR0048	No	01051	LEAD, TOTAL (UG/L AS PB)	01/22/93-01/22/93	0	1	
OZAR0056	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/22/76-10/21/93	17	29	
OZAR0069	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/23/76-10/20/93	17	29	
OZAR0080	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	17	28	
OZAR0090	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	17	28	
OZAR0095	No	01051	LEAD, TOTAL (UG/L AS PB)	01/18/74-10/21/74	0	4	
OZAR0105	No	01051	LEAD, TOTAL (UG/L AS PB)	09/23/75-10/21/93	18	31	
OZAR0024	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/26/77-07/26/77	0	1	
OZAR0035	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/12/92-07/09/93	0	7	
OZAR0041	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/74-10/22/74	0	4	
OZAR0048	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/22/93-01/22/93	0	1	
OZAR0095	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/74-10/21/74	0	4	
OZAR0004	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/06/73-09/11/91	18	10	
OZAR0006	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/06/73-01/05/94	20	8	
OZAR0014	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/06/63-03/21/95	31	5	
OZAR0018	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-08/02/73	0	2	
OZAR0021	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/94-09/21/94	0	2	
OZAR0022	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/06/73-08/01/73	0	2	
OZAR0024	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-01/05/94	20	18	S
OZAR0039	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-08/01/73	0	2	
OZAR0043	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-08/01/73	0	2	
OZAR0048	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/22/93-01/22/93	0	1	
OZAR0050	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/73-07/31/73	0	2	
OZAR0056	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-07/31/73	0	2	
OZAR0073	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/20/93-03/21/95	1	24	
OZAR0078	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/73-07/30/73	0	1	
OZAR0080	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/02/73-09/19/94	21	4	
OZAR0090	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/02/73-07/30/73	0	2	
OZAR0093	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/93-09/23/93	0	2	
OZAR0097	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/01/64-07/31/73	8	3	
OZAR0101	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/02/73-07/30/73	0	2	
OZAR0108	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/14/65-10/14/65	0	1	
OZAR0004	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/12/90-08/11/93	2	5	
OZAR0014	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/12/90-08/11/93	2	5	
OZAR0014	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/06/73-07/10/74	1	6	
OZAR0022	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/06/73-07/10/74	1	4	
OZAR0032	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/05/73-04/15/75	2	9	
OZAR0004	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/12/90-08/11/93	2	5	
OZAR0014	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	04/20/93-03/21/95	1	12	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0093	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/19/93	20	33	S
OZAR0011	Yes	01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/20/93	17	30	
OZAR0022	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/20/93	20	33	S
OZAR0024	Yes	01077	SILVER, TOTAL (UG/L AS AG)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	20	30	S
OZAR0035	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	20	38	S
OZAR0056	Yes	01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/21/93	17	30	
OZAR0069	Yes	01077	SILVER, TOTAL (UG/L AS AG)	09/23/76-10/20/93	17	30	
OZAR0080	Yes	01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	17	29	
OZAR0090	Yes	01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	17	29	
OZAR0105	No	01077	SILVER, TOTAL (UG/L AS AG)	09/23/75-10/21/93	18	32	
OZAR0004	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/12/90-08/11/93	2	5	
OZAR0014	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/20/93-08/09/94	1	10	
OZAR0004	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/12/90-08/11/93	2	5	
OZAR0014	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	04/20/93-08/09/94	1	10	
OZAR0004	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/12/90-01/05/94	3	6	
OZAR0014	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/21/94-09/21/94	0	1	
OZAR0035	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/12/92-01/05/94	1	8	
OZAR0048	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/22/93-01/22/93	0	1	
OZAR0073	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/23/93-09/23/93	0	1	
OZAR0002	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/24/80-04/16/80	0	2	
OZAR0003	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	01/24/80-05/08/80	0	2	
OZAR0004	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/19/93	20	33	S
OZAR0011	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/22/76-01/05/94	17	31	
OZAR0022	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/20/93	20	33	S
OZAR0024	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/05/73-10/20/93	20	31	S
OZAR0035	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/05/73-01/05/94	20	46	T,S
OZAR0041	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/18/74-10/22/74	0	4	
OZAR0042	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	01/18/74-10/22/74	0	4	
OZAR0048	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/22/93-01/22/93	0	1	
OZAR0056	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/22/76-10/21/93	17	30	
OZAR0069	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/23/76-10/20/93	17	30	
OZAR0080	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	17	29	
OZAR0090	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	17	29	
OZAR0095	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/18/74-10/21/74	0	4	
OZAR0105	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/23/75-10/21/93	18	32	
OZAR0073	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	11/29/94-03/21/95	0	2	
OZAR0093	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	09/23/93-09/23/93	0	1	
OZAR0011	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/05/94-01/05/94	0	1	
OZAR0035	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/22/93-01/05/94	0	9	
OZAR0048	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/22/93-01/22/93	0	1	
OZAR0004	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/12/90-01/05/94	3	6	
OZAR0014	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/12/90-09/10/91	0	3	
OZAR0035	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	01/22/93-01/05/94	0	9	
OZAR0048	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	01/22/93-01/22/93	0	1	
OZAR0073	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/29/94-03/21/95	0	2	
OZAR0093	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/12/90-08/11/93	2	5	
OZAR0014	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	04/20/93-08/09/94	1	10	
OZAR0004	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/12/90-08/11/93	2	5	
OZAR0014	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/12/90-09/10/91	0	3	
OZAR0021	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/21/94-09/21/94	0	1	
OZAR0073	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/20/93-03/21/95	1	12	
OZAR0093	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/23/93-09/23/93	0	1	
OZAR0024	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/26/77-07/26/77	0	1	
OZAR0021	Yes	04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0073	Yes	04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	0	1	
OZAR0035	Yes	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	01/22/93-01/22/93	0	1	
OZAR0073	Yes	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	0	1	
OZAR0035	Yes	04036	PROMETRYN,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	04036	PROMETRYN,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	01/22/93-01/22/93	0	1	
OZAR0021	Yes	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	0	1	
OZAR0035	Yes	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	01/22/93-01/22/93	0	1	
OZAR0073	Yes	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	0	1	
OZAR0035	Yes	04038	DEISOPROPYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	04038	DEISOPROPYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	01/22/93-01/22/93	0	1	
OZAR0021	Yes	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	05/26/94-05/26/94	0	1	
OZAR0035	Yes	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	01/22/93-01/22/93	0	1	
OZAR0073	Yes	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	0	1	
OZAR0035	Yes	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	01/22/93-01/22/93	0	1	
OZAR0073	Yes	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	0	1	
OZAR0093	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/23/93-09/23/93	0	1	
OZAR0073	Yes	22703	URANIUM, NATURAL, DISSOLVED	11/29/94-03/21/95	0	2	
OZAR0093	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/93-09/23/93	0	1	
OZAR0004	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/06/73-04/06/73	0	1	
OZAR0006	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/06/73-04/06/73	0	1	
OZAR0009	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	0	1	
OZAR0011	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/06/73-04/06/73	0	1	
OZAR0018	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	0	1	
OZAR0020	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	0	1	
OZAR0022	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/06/73-04/06/73	0	1	
OZAR0032	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	0	1	
OZAR0035	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	0	1	
OZAR0039	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	0	1	
OZAR0043	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	0	1	
OZAR0050	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	0	1	
OZAR0053	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/03/73-04/03/73	0	1	
OZAR0056	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/03/73-04/03/73	0	1	
OZAR0062	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/03/73-04/03/73	0	1	
OZAR0064	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	0	1	
OZAR0069	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	0	1	
OZAR0080	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/03/73-04/03/73	0	1	
OZAR0085	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/02/73-04/02/73	0	1	
OZAR0090	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/02/73-04/02/73	0	1	
OZAR0097	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	0	1	
OZAR0101	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/02/73-04/02/73	0	1	
OZAR0002	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/80-04/16/80	0	2	
OZAR0003	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/80-05/08/80	0	2	
OZAR0004	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-07/10/74	1	7	
OZAR0005	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	86	T

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0006	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-10/18/73	0	4	
OZAR0007	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	0	1	
OZAR0008	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	0	1	
OZAR0009	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-10/18/73	0	4	
OZAR0010	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	0	1	
OZAR0011	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-09/22/76	3	5	
OZAR0012	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	80	T
OZAR0015	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	70	T
OZAR0016	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/29/76-05/24/77	0	4	
OZAR0017	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	0	11	
OZAR0018	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-10/18/73	0	4	
OZAR0019	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	0	1	
OZAR0020	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-10/18/73	0	4	
OZAR0022	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-09/23/76	3	6	
OZAR0025	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	0	13	
OZAR0026	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/21/73-10/17/73	0	3	
OZAR0027	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/12/91	7	33	
OZAR0030	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	62	T
OZAR0031	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/17/73-10/17/73	0	1	
OZAR0032	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-01/21/75	1	8	
OZAR0033	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	96	T
OZAR0034	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-04/09/91	7	58	
OZAR0035	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-09/23/76	3	11	
OZAR0036	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	8	78	
OZAR0037	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/16/86	3	15	
OZAR0038	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-07/27/87	1	10	
OZAR0039	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/17/73	0	4	
OZAR0040	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/17/73-10/17/73	0	1	
OZAR0041	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/74-10/22/74	0	3	
OZAR0042	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/74-10/22/74	0	3	
OZAR0043	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/17/73	0	4	
OZAR0044	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	8	86	A
OZAR0045	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/17/73-10/17/73	0	1	
OZAR0046	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	93	T,A
OZAR0047	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	104	T,A
OZAR0049	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/73-10/17/73	0	3	
OZAR0050	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/16/73	0	4	
OZAR0052	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	0	1	
OZAR0053	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-10/16/73	0	4	
OZAR0054	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	87	T
OZAR0056	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-09/22/76	3	5	
OZAR0057	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	84	T
OZAR0059	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-07/27/87	4	33	
OZAR0060	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/73-10/16/73	0	3	
OZAR0061	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	0	1	
OZAR0062	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-10/16/73	0	4	
OZAR0063	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	0	1	
OZAR0064	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/16/73	0	4	
OZAR0065	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	0	1	
OZAR0066	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	88	T,A
OZAR0067	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/74-10/16/74	0	1	
OZAR0068	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	86	T,A
OZAR0069	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-09/23/76	3	6	
OZAR0072	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-07/27/87	4	34	
OZAR0074	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/73-10/16/73	0	3	
OZAR0075	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	78	T
OZAR0076	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/15/88	5	34	
OZAR0077	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/15/73-10/15/73	0	1	
OZAR0078	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/73-10/15/73	0	3	
OZAR0080	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-09/24/76	3	5	
OZAR0081	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	0	1	
OZAR0082	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/92-07/14/92	0	1	
OZAR0083	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/92-07/14/92	0	1	
OZAR0084	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	83	T
OZAR0085	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/73-10/15/73	0	4	
OZAR0086	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/22/93-08/03/93	0	2	
OZAR0087	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/22/93-08/03/93	0	2	
OZAR0088	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/10/87	4	36	
OZAR0089	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/73-10/15/73	0	3	
OZAR0090	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/73-09/24/76	3	5	
OZAR0092	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	0	13	
OZAR0094	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	0	13	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0095	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/74-10/21/74	0	3	
OZAR0096	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	0	1	
OZAR0097	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-07/09/74	1	5	
OZAR0098	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/03/93	10	21	
OZAR0099	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/12/91-06/25/91	0	2	
OZAR0100	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/91-06/25/91	0	3	
OZAR0101	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/73-07/09/74	1	5	
OZAR0102	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/91-04/09/91	0	1	
OZAR0105	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/74-09/24/76	2	2	
OZAR0108	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/74-07/09/74	0	1	
OZAR0109	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/74-07/09/74	0	1	
OZAR0110	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/91-03/04/92	0	5	
OZAR0111	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/91-03/04/92	0	5	
OZAR0004	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-10/19/93	16	27	
OZAR0011	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-03/15/94	16	33	
OZAR0013	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-05/06/80	3	7	
OZAR0014	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/23/95-04/12/95	0	3	
OZAR0021	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/26/94-09/21/94	0	2	
OZAR0022	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	16	30	
OZAR0032	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/78-10/20/93	15	25	
OZAR0035	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-03/22/94	16	39	
OZAR0048	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/22/93-01/22/93	0	1	
OZAR0056	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/21/93	16	31	
OZAR0069	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	16	31	
OZAR0073	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/20/93-04/11/95	1	23	
OZAR0080	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	16	30	
OZAR0085	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/27/94-09/19/94	0	2	
OZAR0090	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	16	30	
OZAR0105	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/06/77-10/21/93	16	31	
OZAR0014	No	31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	02/23/95-04/12/95	0	3	
OZAR0021	Yes	31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	05/26/94-09/21/94	0	2	
OZAR0073	Yes	31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	05/27/94-04/11/95	0	10	
OZAR0085	Yes	31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	05/27/94-09/19/94	0	2	
OZAR0004	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-10/19/93	16	26	
OZAR0005	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	73	T
OZAR0007	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	0	1	
OZAR0008	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	0	1	
OZAR0010	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	0	1	
OZAR0011	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-03/15/94	16	31	
OZAR0012	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	67	T
OZAR0013	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-05/06/80	3	7	
OZAR0014	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/23/95-04/12/95	0	3	
OZAR0015	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	58	T
OZAR0017	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/02/83	0	4	
OZAR0021	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/26/94-09/21/94	0	2	
OZAR0022	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	16	28	
OZAR0025	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/28/83	0	3	
OZAR0027	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/12/91	7	20	
OZAR0030	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	51	T
OZAR0031	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/17/73-10/17/73	0	1	
OZAR0032	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/78-10/20/93	15	24	
OZAR0033	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	82	T
OZAR0034	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-04/09/91	7	45	
OZAR0035	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-03/22/94	16	38	
OZAR0036	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/19/86-09/06/94	8	73	
OZAR0037	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/16/86	3	4	
OZAR0038	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-06/13/89	2	10	
OZAR0040	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/17/73-10/17/73	0	1	
OZAR0041	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/18/74-10/22/74	0	3	
OZAR0042	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/18/74-10/22/74	0	3	
OZAR0044	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	8	82	A
OZAR0045	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/17/73-10/17/73	0	1	
OZAR0046	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	74	T,A
OZAR0047	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	92	T,A
OZAR0048	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/22/93-01/22/93	0	1	
OZAR0052	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	0	1	
OZAR0054	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	74	T
OZAR0056	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/21/93	16	29	
OZAR0057	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	69	T
OZAR0059	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/27/87	4	17	
OZAR0061	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	0	1	
OZAR0063	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0065	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	0	1	
OZAR0066	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	74	T,A
OZAR0067	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/74-10/16/74	0	1	
OZAR0068	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	70	T,A
OZAR0069	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	16	29	
OZAR0072	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/27/87	4	18	
OZAR0073	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/20/93-04/11/95	1	23	
OZAR0075	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	68	T
OZAR0076	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-08/15/88	5	18	
OZAR0077	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/15/73-10/15/73	0	1	
OZAR0080	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	16	28	
OZAR0081	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	0	1	
OZAR0082	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/14/92-07/14/92	0	1	
OZAR0083	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/14/92-07/14/92	0	1	
OZAR0084	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	72	
OZAR0085	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/27/94-09/19/94	0	2	
OZAR0088	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-08/03/88	5	21	
OZAR0090	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	16	28	
OZAR0092	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/17/83	0	4	
OZAR0094	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/02/83	0	4	
OZAR0095	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/18/74-10/21/74	0	3	
OZAR0096	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	0	1	
OZAR0098	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-08/11/92	9	13	
OZAR0099	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/91-06/25/91	0	2	
OZAR0100	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/09/91-06/25/91	0	3	
OZAR0102	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/09/91-04/09/91	0	1	
OZAR0105	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/06/77-10/21/93	16	29	
OZAR0110	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/23/91-03/04/92	0	5	
OZAR0111	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/23/91-03/04/92	0	5	
OZAR0004	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/06/73-07/10/74	1	7	
OZAR0006	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/06/73-10/18/73	0	4	
OZAR0009	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-10/18/73	0	4	
OZAR0011	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/06/73-09/22/76	3	5	
OZAR0018	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-10/18/73	0	4	
OZAR0020	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-10/18/73	0	4	
OZAR0022	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/06/73-09/23/76	3	6	
OZAR0026	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/21/73-10/17/73	0	3	
OZAR0032	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-01/21/75	1	8	
OZAR0035	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-09/23/76	3	11	
OZAR0039	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-10/17/73	0	4	
OZAR0043	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-10/17/73	0	4	
OZAR0049	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/20/73-10/17/73	0	3	
OZAR0050	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-10/16/73	0	4	
OZAR0053	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/03/73-10/16/73	0	4	
OZAR0056	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/03/73-09/22/76	3	5	
OZAR0060	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/19/73-10/16/73	0	3	
OZAR0062	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/03/73-10/16/73	0	4	
OZAR0064	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-10/16/73	0	4	
OZAR0069	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-09/23/76	3	6	
OZAR0074	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/19/73-10/16/73	0	3	
OZAR0078	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/18/73-10/15/73	0	3	
OZAR0080	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/03/73-09/24/76	3	5	
OZAR0085	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/02/73-10/15/73	0	4	
OZAR0089	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/18/73-10/15/73	0	3	
OZAR0090	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/02/73-09/24/76	3	5	
OZAR0097	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-07/09/74	1	5	
OZAR0101	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/02/73-07/09/74	1	5	
OZAR0105	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/09/74-09/24/76	2	2	
OZAR0108	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/09/74-07/09/74	0	1	
OZAR0109	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/09/74-07/09/74	0	1	
OZAR0005	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	12/05/88-09/06/94	5	32	
OZAR0012	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	12/05/88-09/06/94	5	22	
OZAR0015	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/08/88-09/06/94	6	24	
OZAR0027	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/13/90-08/08/90	0	5	
OZAR0030	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/31/89-09/06/94	5	23	
OZAR0033	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/31/89-09/06/94	5	37	
OZAR0034	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/31/89-02/06/91	1	13	
OZAR0036	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/31/89-09/06/94	5	38	
OZAR0038	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/13/90-06/13/90	0	1	
OZAR0044	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/26/88-09/06/94	5	44	
OZAR0046	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/09/88-09/06/94	5	42	
OZAR0047	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/26/88-09/06/94	5	44	

[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]
OZAR0054	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	12/05/88-09/06/94	5	29	
OZAR0057	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	12/05/88-09/06/94	5	30	
OZAR0066	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/26/88-09/06/94	5	34	
OZAR0068	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/16/89-09/06/94	5	28	
OZAR0072	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/25/90-07/25/90	0	1	
OZAR0075	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/16/89-09/06/94	5	27	
OZAR0076	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/13/90-06/13/90	0	1	
OZAR0082	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/14/92-07/14/92	0	1	
OZAR0084	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/16/89-09/06/94	5	29	
OZAR0098	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/23/91-08/11/92	0	7	
OZAR0100	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/25/91-06/25/91	0	1	
OZAR0110	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/23/91-03/04/92	0	5	
OZAR0111	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/23/91-03/04/92	0	5	
OZAR0093	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/23/93-09/23/93	0	1	
OZAR0021	Yes	34253	A-BHC-ALPHA DISSUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	34253	A-BHC-ALPHA DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	34253	A-BHC-ALPHA DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	34253	A-BHC-ALPHA DISSUG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	34653	P,P'-DDE DISSUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	34653	P,P'-DDE DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	34653	P,P'-DDE DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	34653	P,P'-DDE DISSUG/L	09/23/93-09/23/93	0	1	
OZAR0073	Yes	34790	SURFACTANTS, AS CTAS, WATER MG/L	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34792	ALUMINUM,BEDLOAD SEDIMENT,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34792	ALUMINUM,BEDLOAD SEDIMENT,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0073	Yes	34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34802	ARSENIC, BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34802	ARSENIC, BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34805	BARIUM, BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34807	BARIUM, BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34807	BARIUM, BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34812	BERYLLIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34812	BERYLLIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34817	BISMUTH,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34817	BISMUTH,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34827	CADMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34827	CADMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34832	CALCIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34832	CALCIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34837	CERIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34837	CERIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34842	COBALT,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34842	COBALT,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34847	CHROMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34847	CHROMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34852	COPPER,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34852	COPPER,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34857	EUROPIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34857	EUROPIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34862	GALLIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34862	GALLIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34872	GOLD,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34872	GOLD,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34877	HOLMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34877	HOLMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34880	IRON,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34882	IRON,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34882	IRON,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	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]
OZAR0004	Yes	34887	LANTHANUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34887	LANTHANUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34892	LEAD,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34892	LEAD,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34897	LITHIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34897	LITHIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34902	MAGNESIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34902	MAGNESIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34907	MANGANESE,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34907	MANGANESE,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0073	Yes	34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34917	MOLYBDENUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34917	MOLYBDENUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34922	NEODYMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34922	NEODYMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34927	NICKEL,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34927	NICKEL,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34932	NIOBIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34932	NIOBIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34937	PHOSPHORUS,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34937	PHOSPHORUS,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34942	POTASSIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34942	POTASSIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34947	SCANDIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34947	SCANDIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0073	Yes	34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34957	SILVER,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34957	SILVER,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34962	SODIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34962	SODIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34967	STRONTIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34967	STRONTIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0073	Yes	34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34977	TANTALUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34977	TANTALUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34982	THORIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34982	THORIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	34985	TIN,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	34987	TIN,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34987	TIN,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0004	Yes	34992	TITANIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	34992	TITANIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	35002	URANIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	35002	URANIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	35007	VANADIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	35007	VANADIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	35012	YTTRIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	35012	YTTRIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	35017	YTTERBIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0011	Yes	35017	YTTERBIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0073	Yes	35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	0	1	
OZAR0004	Yes	35022	ZINC,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	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]
OZAR0011	Yes	35022	ZINC,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	0	1	
OZAR0004	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/06/73-07/10/74	1	6	
OZAR0006	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/06/73-08/02/73	0	2	
OZAR0014	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/07/62-05/06/63	0	2	
OZAR0018	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-08/02/73	0	2	
OZAR0022	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/06/73-08/01/73	0	2	
OZAR0032	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-04/15/75	2	9	
OZAR0039	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-08/01/73	0	2	
OZAR0043	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-08/01/73	0	2	
OZAR0050	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/03/73-07/31/73	0	2	
OZAR0056	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/03/73-07/31/73	0	2	
OZAR0064	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-07/31/73	0	2	
OZAR0078	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/30/73-07/30/73	0	1	
OZAR0080	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/02/73-07/30/73	0	2	
OZAR0090	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/02/73-07/30/73	0	2	
OZAR0093	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/23/93-09/23/93	0	1	
OZAR0097	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-07/31/73	0	2	
OZAR0101	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/02/73-07/30/73	0	2	
OZAR0035	Yes	38401	AMETRYN WATER,DISSUG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	38401	AMETRYN WATER,DISSUG/L	01/22/93-01/22/93	0	1	
OZAR0021	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0021	Yes	38478	LINURON WATER,DISSUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38478	LINURON WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38478	LINURON WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0021	Yes	38482	MCPA WATER,DISSUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38482	MCPA WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38482	MCPA WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0021	Yes	38487	MCPB WATER,DISSUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38487	MCPB WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38487	MCPB WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0021	Yes	38501	METHIOCARB WATER,DISSUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38501	METHIOCARB WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38501	METHIOCARB WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0035	Yes	38535	PROPAZINE WATER,DISSUG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	38535	PROPAZINE WATER,DISSUG/L	01/22/93-01/22/93	0	1	
OZAR0021	Yes	38538	PROPOXUR WATER,DISSUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38538	PROPOXUR WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38538	PROPOXUR WATER,DISSUG/L	05/27/94-05/27/94	0	1	
OZAR0021	Yes	38711	BENTAZON WATER, DISUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38711	BENTAZON WATER, DISUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38711	BENTAZON WATER, DISUG/L	05/27/94-05/27/94	0	1	
OZAR0021	Yes	38746	2,4-DB WATER, DISUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38746	2,4-DB WATER, DISUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38746	2,4-DB WATER, DISUG/L	05/27/94-05/27/94	0	1	
OZAR0021	Yes	38811	FLUOMETURON WATER, DISUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38811	FLUOMETURON WATER, DISUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38811	FLUOMETURON WATER, DISUG/L	05/27/94-05/27/94	0	1	
OZAR0021	Yes	38866	OXAMYL WATER, DISUG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38866	OXAMYL WATER, DISUG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38866	OXAMYL WATER, DISUG/L	05/27/94-05/27/94	0	1	
OZAR0021	Yes	38933	CHLORPYRIFOS,DISSOLVED UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	38933	CHLORPYRIFOS,DISSOLVED UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	38933	CHLORPYRIFOS,DISSOLVED UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/25/80-09/25/80	0	1	
OZAR0032	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	0	1	
OZAR0035	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	0	1	
OZAR0011	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	01/05/94-01/05/94	0	1	
OZAR0014	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	02/23/95-04/12/95	0	3	
OZAR0021	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	05/26/94-09/21/94	0	2	
OZAR0035	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	08/10/93-01/05/94	0	2	
OZAR0073	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/20/93-04/11/95	1	23	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0085	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	05/27/94-09/19/94	0	2	
OZAR0004	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	09/25/80-09/25/80	0	1	
OZAR0032	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	09/24/80-09/24/80	0	1	
OZAR0035	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	09/24/80-09/24/80	0	1	
OZAR0004	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0004	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/05/73-09/24/80	7	6	
OZAR0021	Yes	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/05/73-09/24/80	7	6	
OZAR0004	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0004	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0004	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0004	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0021	Yes	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	0	1	
OZAR0073	Yes	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/25/80-09/25/80	0	1	
OZAR0032	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	0	1	
OZAR0035	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	0	1	
OZAR0004	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0004	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	6	2	
OZAR0032	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0035	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0004	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	6	2	
OZAR0032	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0035	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0004	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0021	Yes	39415	METOLACHLOR, WATER, DISSOLVED UG/L	05/26/94-05/26/94	0	1	
OZAR0035	Yes	39415	METOLACHLOR, WATER, DISSOLVED UG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	01/22/93-01/22/93	0	1	
OZAR0073	Yes	39415	METOLACHLOR, WATER, DISSOLVED UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39415	METOLACHLOR, WATER, DISSOLVED UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0004	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/25/80-09/25/80	0	1	
OZAR0032	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	0	1	
OZAR0035	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	0	1	
OZAR0004	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0004	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	6	2	
OZAR0032	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0035	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0021	Yes	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	0	1	
OZAR0073	Yes	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	6	2	
OZAR0032	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0035	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0021	Yes	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	0	1	
OZAR0073	Yes	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	6	2	
OZAR0032	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0035	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0021	Yes	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	0	1	
OZAR0073	Yes	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	6	2	
OZAR0032	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0035	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0021	Yes	39632	ATRAZINE DISSOLVED IN WATER PPB	05/26/94-05/26/94	0	1	
OZAR0035	Yes	39632	ATRAZINE DISSOLVED IN WATER PPB	11/12/92-07/09/93	0	5	
OZAR0048	No	39632	ATRAZINE DISSOLVED IN WATER PPB	01/22/93-01/22/93	0	1	
OZAR0073	Yes	39632	ATRAZINE DISSOLVED IN WATER PPB	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39632	ATRAZINE DISSOLVED IN WATER PPB	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39632	ATRAZINE DISSOLVED IN WATER PPB	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0021	Yes	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	0	1	
OZAR0073	Yes	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0021	Yes	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	0	1	
OZAR0073	Yes	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39755	MIREX, TOTAL (UG/L)	09/25/80-09/25/80	0	1	
OZAR0032	Yes	39755	MIREX, TOTAL (UG/L)	09/24/80-09/24/80	0	1	
OZAR0035	Yes	39755	MIREX, TOTAL (UG/L)	09/24/80-09/24/80	0	1	
OZAR0004	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	7	6	
OZAR0032	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0035	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	7	6	
OZAR0021	Yes	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	0	1	
OZAR0073	Yes	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0085	Yes	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	0	1	
OZAR0093	Yes	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	0	1	
OZAR0004	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	6	2	
OZAR0032	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0035	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0004	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	6	2	
OZAR0032	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0035	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	6	2	
OZAR0021	Yes	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	05/26/94-05/26/94	0	1	
OZAR0035	Yes	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	01/22/93-01/22/93	0	1	
OZAR0073	Yes	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	49235	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49235	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49235	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49236	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49236	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49236	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0074	Yes	49237	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49238	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49239	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49240	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49241	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49242	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49243	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49244	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49245	INVALID PARAMETER	10/19/93-10/19/93	0	1	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0074	Yes	49246	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49247	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49248	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49249	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49250	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49251	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49252	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49253	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49254	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49255	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49257	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49258	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49261	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49264	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0073	Yes	49266	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49267	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49269	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49270	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49271	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49272	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0074	Yes	49273	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0073	Yes	49274	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49275	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49276	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49277	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49278	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49279	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49280	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0074	Yes	49289	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0021	Yes	49291	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49291	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49291	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49292	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49292	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49292	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49293	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49293	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49293	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49294	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49294	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49294	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49295	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49295	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49295	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49296	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49296	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49296	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49297	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49297	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49297	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49298	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49298	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49298	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49299	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49299	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49299	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49300	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49300	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49300	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49301	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49301	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49301	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49302	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49302	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49302	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49303	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49303	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49303	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49304	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49304	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49304	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49305	INVALID PARAMETER	05/26/94-05/26/94	0	1	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0073	Yes	49305	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49305	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49306	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49306	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49306	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49307	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49307	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49307	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49308	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49308	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49308	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49309	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49309	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49309	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49310	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49310	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49310	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49311	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49311	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49311	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49312	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49312	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49312	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49313	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49313	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49313	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49314	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49314	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49314	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0021	Yes	49315	INVALID PARAMETER	05/26/94-05/26/94	0	1	
OZAR0073	Yes	49315	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0085	Yes	49315	INVALID PARAMETER	05/27/94-05/27/94	0	1	
OZAR0073	Yes	49316	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49317	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49318	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49319	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49320	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49321	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49322	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49324	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49325	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49326	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49327	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49328	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49329	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49330	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49331	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49332	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49335	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49338	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49339	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49341	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49342	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49343	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49344	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49345	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49346	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49347	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49348	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49349	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49350	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49351	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0074	Yes	49353	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49354	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49355	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49356	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49357	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49358	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49359	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49360	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49361	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49362	INVALID PARAMETER	10/19/93-10/19/93	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0074	Yes	49363	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49364	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49365	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49366	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49367	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49368	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49369	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49370	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49371	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49372	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49373	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49374	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49375	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49376	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49377	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49378	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49379	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0074	Yes	49380	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0073	Yes	49381	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49382	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49383	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49384	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49387	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49388	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49389	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49390	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49391	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49392	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49393	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49394	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49395	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49396	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49397	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49398	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49399	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49400	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49401	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49402	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49403	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49404	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49405	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49406	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49407	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49408	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49409	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49410	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49411	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49413	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49421	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49422	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49424	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49426	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49427	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49428	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49429	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49430	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49431	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49433	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49434	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49435	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49436	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49437	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49438	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49439	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49441	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49442	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49443	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49444	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49446	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49449	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49450	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49451	INVALID PARAMETER	10/21/93-10/21/93	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0073	Yes	49452	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49454	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49455	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49458	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49459	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49460	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49461	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0074	Yes	49465	INVALID PARAMETER	10/19/93-10/19/93	0	1	
OZAR0073	Yes	49466	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49467	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49468	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0073	Yes	49490	INVALID PARAMETER	10/21/93-10/21/93	0	1	
OZAR0004	Yes	60050	ALGAE, TOTAL (CELLS/ML)	04/18/74-08/28/80	6	6	
OZAR0032	Yes	60050	ALGAE, TOTAL (CELLS/ML)	04/17/74-08/27/80	6	6	
OZAR0035	Yes	60050	ALGAE, TOTAL (CELLS/ML)	04/17/74-08/27/80	6	10	
OZAR0001	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/26/67-09/24/68	0	3	
OZAR0004	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/06/73-09/11/91	18	10	
OZAR0006	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/06/73-08/02/73	0	2	
OZAR0009	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-08/02/73	0	2	
OZAR0011	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/06/73-01/05/94	20	8	
OZAR0014	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/06/63-03/21/95	31	5	
OZAR0018	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-08/02/73	0	2	
OZAR0020	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-08/02/73	0	2	
OZAR0021	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/26/94-09/21/94	0	2	
OZAR0022	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/06/73-08/01/73	0	2	
OZAR0023	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/71-04/27/71	0	1	
OZAR0024	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/26/77-07/26/77	0	1	
OZAR0028	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/26/67-09/24/68	0	3	
OZAR0032	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-01/21/75	1	8	
OZAR0035	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-01/05/94	20	21	S
OZAR0039	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-08/01/73	0	2	
OZAR0043	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-08/01/73	0	2	
OZAR0048	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/22/93-01/22/93	0	1	
OZAR0050	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-08/01/73	0	2	
OZAR0053	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/73-07/31/73	0	2	
OZAR0055	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/04/66-04/26/71	5	5	
OZAR0056	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/73-07/31/73	0	2	
OZAR0062	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/02/64-07/31/73	8	3	
OZAR0064	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-07/31/73	0	2	
OZAR0069	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-07/31/73	0	2	
OZAR0070	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/04/66-04/27/71	5	5	
OZAR0071	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/26/67-09/24/68	0	4	
OZAR0073	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/93-03/21/95	1	23	
OZAR0078	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/73-07/30/73	0	1	
OZAR0079	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/30/71-04/30/71	0	1	
OZAR0080	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/73-07/30/73	0	2	
OZAR0085	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/02/73-09/19/94	21	4	
OZAR0090	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/02/73-07/30/73	0	2	
OZAR0091	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/66-04/30/71	4	3	
OZAR0093	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/23/93-09/23/93	0	1	
OZAR0097	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/64-07/31/73	8	3	
OZAR0101	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/02/73-07/30/73	0	2	
OZAR0103	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/26/71-04/26/71	0	1	
OZAR0104	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/67-09/23/68	0	3	
OZAR0106	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/71-04/16/71	0	1	
OZAR0107	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/71-04/16/71	0	1	
OZAR0108	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/14/65-10/14/65	0	1	
OZAR0001	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/26/67-09/24/68	0	3	
OZAR0004	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/73-07/10/74	1	7	
OZAR0006	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/73-08/02/73	0	2	
OZAR0009	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-08/02/73	0	2	
OZAR0011	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/73-08/02/73	0	2	
OZAR0014	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/06/63-05/06/63	0	1	
OZAR0018	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-08/02/73	0	2	
OZAR0020	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-08/02/73	0	2	
OZAR0022	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/73-08/01/73	0	2	
OZAR0024	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/26/77-07/26/77	0	1	
OZAR0028	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/26/67-09/24/68	0	3	
OZAR0032	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-04/15/75	2	10	
OZAR0039	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-08/01/73	0	2	
OZAR0043	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-08/01/73	0	2	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0050	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-08/01/73	0	2	
OZAR0053	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/03/73-07/31/73	0	2	
OZAR0055	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/04/66-04/24/67	1	4	
OZAR0056	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/03/73-07/31/73	0	2	
OZAR0062	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/02/64-07/31/73	8	3	
OZAR0064	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-07/31/73	0	2	
OZAR0069	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-07/31/73	0	2	
OZAR0070	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/04/66-04/24/67	1	4	
OZAR0071	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/26/67-09/24/68	0	4	
OZAR0078	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/30/73-07/30/73	0	1	
OZAR0080	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/03/73-07/30/73	0	2	
OZAR0085	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/02/73-07/30/73	0	2	
OZAR0090	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/02/73-07/30/73	0	2	
OZAR0091	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/66-04/25/67	0	2	
OZAR0097	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/01/64-07/31/73	8	3	
OZAR0101	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/02/73-07/30/73	0	2	
OZAR0104	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/25/67-09/23/68	0	3	
OZAR0108	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/14/65-10/14/65	0	1	
OZAR0004	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/06/73-07/10/74	1	7	
OZAR0006	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/06/73-08/02/73	0	2	
OZAR0009	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-08/02/73	0	2	
OZAR0011	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/06/73-08/02/73	0	2	
OZAR0014	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/06/63-05/06/63	0	1	
OZAR0018	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-08/02/73	0	2	
OZAR0020	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-08/02/73	0	2	
OZAR0022	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/06/73-08/01/73	0	2	
OZAR0032	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-01/21/75	1	8	
OZAR0035	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-04/15/75	2	10	
OZAR0039	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-08/01/73	0	2	
OZAR0043	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-08/01/73	0	2	
OZAR0050	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-08/01/73	0	2	
OZAR0053	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/03/73-07/31/73	0	2	
OZAR0056	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/03/73-07/31/73	0	2	
OZAR0062	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	12/02/64-07/31/73	8	3	
OZAR0064	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-07/31/73	0	2	
OZAR0069	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-07/31/73	0	2	
OZAR0078	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/30/73-07/30/73	0	1	
OZAR0080	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/03/73-07/30/73	0	2	
OZAR0085	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/02/73-07/30/73	0	2	
OZAR0090	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/02/73-07/30/73	0	2	
OZAR0097	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	12/01/64-07/31/73	8	3	
OZAR0101	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/02/73-07/30/73	0	2	
OZAR0108	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/65-10/14/65	0	1	
OZAR0004	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/06/73-07/10/74	1	7	
OZAR0006	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/06/73-08/02/73	0	2	
OZAR0009	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-08/02/73	0	2	
OZAR0011	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/06/73-08/02/73	0	2	
OZAR0014	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/06/63-05/06/63	0	1	
OZAR0018	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-08/02/73	0	2	
OZAR0020	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-08/02/73	0	2	
OZAR0022	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/06/73-08/01/73	0	2	
OZAR0024	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/26/77-07/26/77	0	1	
OZAR0032	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-01/21/75	1	8	
OZAR0035	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-04/15/75	2	10	
OZAR0039	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-08/01/73	0	2	
OZAR0043	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-08/01/73	0	2	
OZAR0050	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-08/01/73	0	2	
OZAR0053	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/03/73-07/31/73	0	2	
OZAR0056	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/03/73-07/31/73	0	2	
OZAR0062	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/02/64-07/31/73	8	3	
OZAR0064	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-07/31/73	0	2	
OZAR0069	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-07/31/73	0	2	
OZAR0078	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/30/73-07/30/73	0	1	
OZAR0080	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/03/73-07/30/73	0	2	
OZAR0085	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/02/73-07/30/73	0	2	
OZAR0090	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/02/73-07/30/73	0	2	
OZAR0097	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/01/64-07/31/73	8	3	
OZAR0101	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/02/73-07/30/73	0	2	
OZAR0108	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/14/65-10/14/65	0	1	
OZAR0021	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/26/94-09/21/94	0	2	
OZAR0073	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/20/93-09/20/94	1	15	
OZAR0085	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/27/94-09/19/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0004	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-10/19/93	2	5	
OZAR0007	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/73-10/18/73	0	1	
OZAR0008	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/73-10/18/73	0	1	
OZAR0010	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/73-10/18/73	0	1	
OZAR0011	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-03/15/94	3	7	
OZAR0019	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/73-10/18/73	0	1	
OZAR0022	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-10/20/93	2	4	
OZAR0031	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/17/73-10/17/73	0	1	
OZAR0032	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-10/20/93	2	5	
OZAR0035	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-01/05/94	3	14	
OZAR0040	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/17/73-10/17/73	0	1	
OZAR0041	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/18/74-10/22/74	0	3	
OZAR0042	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/18/74-10/22/74	0	3	
OZAR0045	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/17/73-10/17/73	0	1	
OZAR0048	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/22/93-01/22/93	0	1	
OZAR0052	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0056	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/21/93	2	4	
OZAR0061	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0063	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0065	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0067	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/74-10/16/74	0	1	
OZAR0069	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/20/93	2	3	
OZAR0077	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/15/73-10/15/73	0	1	
OZAR0080	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/19/93	2	4	
OZAR0081	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0090	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/19/93	2	4	
OZAR0095	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/18/74-10/21/74	0	4	
OZAR0096	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	0	1	
OZAR0105	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/21/93	2	4	
OZAR0004	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/17/79-08/28/80	1	3	
OZAR0011	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/17/79-08/28/80	1	4	
OZAR0013	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/17/79-08/28/80	1	3	
OZAR0022	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/16/79-08/27/80	1	4	
OZAR0032	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/27/80-08/27/80	0	1	
OZAR0035	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/06/80-08/27/80	0	2	
OZAR0056	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/16/79-08/26/80	1	4	
OZAR0069	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/16/79-08/27/80	1	4	
OZAR0080	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/15/79-08/26/80	1	4	
OZAR0090	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/15/79-08/26/80	1	4	
OZAR0105	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/15/79-08/26/80	1	4	
OZAR0001	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/26/67-09/24/68	0	3	
OZAR0010	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/25/61-11/07/61	0	6	
OZAR0023	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/27/71-04/27/71	0	1	
OZAR0028	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/26/67-09/24/68	0	3	
OZAR0029	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/27/61-11/07/61	0	7	
OZAR0041	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/25/61-11/08/61	0	5	
OZAR0055	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/04/66-04/26/71	5	5	
OZAR0058	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/25/61-11/06/61	0	7	
OZAR0070	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/26/67-09/24/68	0	4	
OZAR0079	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/30/71-04/30/71	0	1	
OZAR0091	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/03/66-04/30/71	4	3	
OZAR0103	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/26/71-04/26/71	0	1	
OZAR0104	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/25/67-09/23/68	0	3	
OZAR0106	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/16/71-04/16/71	0	1	
OZAR0107	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/16/71-04/16/71	0	1	
OZAR0014	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/07/62-06/03/63	0	9	
OZAR0062	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/02/64-12/02/64	0	1	
OZAR0097	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/01/64-12/01/64	0	1	
OZAR0108	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/14/65-10/14/65	0	1	
OZAR0014	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/06/63-05/06/63	0	1	
OZAR0093	Yes	71870	BROMIDE (MG/L AS BR)	09/23/93-09/23/93	0	1	
OZAR0001	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/26/67-09/24/68	0	3	
OZAR0023	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	04/27/71-04/27/71	0	1	
OZAR0028	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/26/67-09/24/68	0	3	
OZAR0055	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	02/04/66-04/26/71	5	5	
OZAR0070	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	02/04/66-04/27/71	5	5	
OZAR0071	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/26/67-09/24/68	0	4	
OZAR0079	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	04/30/71-04/30/71	0	1	
OZAR0091	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/03/66-04/30/71	4	3	
OZAR0103	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	04/26/71-04/26/71	0	1	
OZAR0104	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/25/67-09/23/68	0	3	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0001	Yes	71885	IRON (UG/L AS FE)	09/24/68-09/24/68	0	1	
OZAR0014	No	71885	IRON (UG/L AS FE)	05/06/63-05/06/63	0	1	
OZAR0023	Yes	71885	IRON (UG/L AS FE)	04/27/71-04/27/71	0	1	
OZAR0028	Yes	71885	IRON (UG/L AS FE)	09/24/68-09/24/68	0	1	
OZAR0055	Yes	71885	IRON (UG/L AS FE)	02/04/66-04/26/71	5	3	
OZAR0062	Yes	71885	IRON (UG/L AS FE)	12/02/64-12/02/64	0	1	
OZAR0070	Yes	71885	IRON (UG/L AS FE)	02/04/66-04/27/71	5	3	
OZAR0071	Yes	71885	IRON (UG/L AS FE)	09/05/68-09/24/68	0	2	
OZAR0079	Yes	71885	IRON (UG/L AS FE)	04/30/71-04/30/71	0	1	
OZAR0091	Yes	71885	IRON (UG/L AS FE)	04/30/71-04/30/71	0	1	
OZAR0097	Yes	71885	IRON (UG/L AS FE)	12/01/64-12/01/64	0	1	
OZAR0103	No	71885	IRON (UG/L AS FE)	04/26/71-04/26/71	0	1	
OZAR0104	No	71885	IRON (UG/L AS FE)	09/23/68-09/23/68	0	1	
OZAR0108	No	71885	IRON (UG/L AS FE)	10/14/65-10/14/65	0	1	
OZAR0004	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/17/79-05/16/84	4	8	
OZAR0011	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/17/79-05/17/84	5	10	
OZAR0013	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/17/79-08/28/80	1	3	
OZAR0014	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/07/62-06/03/63	0	9	
OZAR0022	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/16/79-09/11/85	6	9	
OZAR0032	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/27/80-09/14/83	3	6	
OZAR0035	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/06/80-05/16/84	4	7	
OZAR0056	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/16/79-05/17/84	5	9	
OZAR0069	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/16/79-05/16/84	5	9	
OZAR0080	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/15/79-05/15/84	5	9	
OZAR0090	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/15/79-09/10/85	6	12	
OZAR0105	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/15/79-09/10/85	6	13	
OZAR0004	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/22/73-07/01/82	9	13	
OZAR0006	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/18/73	0	3	
OZAR0009	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/18/73	0	3	
OZAR0011	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-06/30/82	9	15	
OZAR0013	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/03/77-08/28/80	3	7	
OZAR0018	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/18/73	0	3	
OZAR0020	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/18/73	0	3	
OZAR0022	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-06/30/82	9	15	
OZAR0024	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/26/77-07/26/77	0	1	
OZAR0026	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/17/73	0	3	
OZAR0032	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-06/30/82	9	13	
OZAR0035	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-06/30/82	9	18	
OZAR0039	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-10/17/73	0	3	
OZAR0043	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-10/17/73	0	3	
OZAR0049	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-10/17/73	0	3	
OZAR0050	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-10/16/73	0	3	
OZAR0053	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	0	3	
OZAR0056	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-07/01/82	9	15	
OZAR0060	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	0	3	
OZAR0062	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	0	3	
OZAR0064	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	0	3	
OZAR0069	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-06/30/82	9	16	
OZAR0074	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	0	3	
OZAR0078	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-10/15/73	0	3	
OZAR0080	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-07/01/82	9	14	
OZAR0085	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-10/15/73	0	3	
OZAR0089	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-10/15/73	0	3	
OZAR0090	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-06/29/82	9	15	
OZAR0097	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-07/09/74	1	4	
OZAR0101	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-07/09/74	1	4	
OZAR0105	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/09/74-06/29/82	7	14	
OZAR0108	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/09/74-07/09/74	0	1	
OZAR0109	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/09/74-07/09/74	0	1	
OZAR0004	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/12/90-09/11/91	0	3	
OZAR0011	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/12/90-08/11/93	2	5	
OZAR0014	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/12/90-09/10/91	0	3	
OZAR0004	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/06/73-07/10/74	1	6	
OZAR0011	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	01/05/94-01/05/94	0	1	
OZAR0022	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/06/73-07/10/74	1	4	
OZAR0024	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/26/77-07/26/77	0	1	
OZAR0032	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/05/73-01/21/75	1	7	
OZAR0035	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/05/73-01/05/94	20	16	S
OZAR0048	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/22/93-01/22/93	0	1	
OZAR0013	Yes	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	05/03/77-08/28/80	3	8	
OZAR0079	Yes	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	04/30/71-04/30/71	0	1	
OZAR0106	No	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	04/16/71-04/16/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0079	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	04/30/71-04/30/71	0	1	
OZAR0093	Yes	75985	TRITIUM,1 SIGMA PRC EST, TOTAL, WATER PC/L	09/23/93-09/23/93	0	1	
OZAR0004	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/06/73-07/10/74	1	7	
OZAR0021	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/26/94-09/21/94	0	2	
OZAR0032	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/05/73-04/15/75	2	10	
OZAR0073	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/20/93-09/20/94	1	18	
OZAR0085	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/27/94-09/19/94	0	2	
OZAR0004	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/06/73-07/10/74	1	7	
OZAR0032	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/05/73-01/21/75	1	8	
OZAR0035	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/05/73-04/15/75	2	10	
OZAR0105	No	82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	06/09/81-06/09/81	0	1	
OZAR0021	Yes	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	05/26/94-05/26/94	0	1	
OZAR0035	Yes	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	11/12/92-07/09/93	0	5	
OZAR0048	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	01/22/93-01/22/93	0	1	
OZAR0073	Yes	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/27/61 To 04/12/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OZAR0085	Yes	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	
OZAR0021	Yes	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	0	1	
OZAR0073	Yes	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0085	Yes	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	0	1	
OZAR0093	Yes	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	0	1	

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

Station-By-Station Results

Station Inventory for Station: OZAR0001

NPS Station ID: OZAR0001
LAT/LON: 36.835837/ -90.941949
Agency: 112WRD
Date Created: 02/28/78
Location: T25N R01E 15DBA1
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 365009090563100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008020
RF1 Mile Point: 4.580
Distance from RF1: 5.90
On/Off RF1: ON
RF3 Index: 11010008010200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.31
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/68-09/24/68	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/26/67-09/24/68	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/67-09/24/68	4	329.	325.75	364.	281.	1722.917	41.508	**	**	**	**
00400	PH (STANDARD UNITS)	10/26/67-09/24/68	4	7.53	7.49	7.6	7.3	0.02	0.143	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/26/67-09/24/68	4	7.524	7.472	7.6	7.3	0.021	0.144	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/26/67-09/24/68	4	0.03	0.034	0.05	0.025	0.	0.012	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/26/67-09/24/68	5	219.	216.6	244.	180.	817.8	28.597	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/26/67-09/24/68	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/26/67-09/24/68	3	0.14	0.28	0.63	0.07	0.093	0.305	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/67-09/24/68	3	0.	0.003	0.01	0.	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/67-09/24/68	3	0.	0.001	0.003	0.	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/67-09/24/68	5	186.	178.6	195.	155.	340.3	18.447	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/26/67-09/24/68	4	3.	3.5	8.	0.	17.	4.123	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/26/67-09/24/68	5	38.	36.8	40.	34.	7.2	2.683	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/67-09/24/68	5	22.	21.	24.	17.	8.5	2.915	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/67-09/24/68	3	1.2	1.1	1.4	0.7	0.13	0.361	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/67-09/24/68	3	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/67-09/24/68	3	1.	1.267	2.	0.8	0.413	0.643	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/67-09/24/68	3	3.	2.6	4.	0.8	2.68	1.637	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/26/67-09/24/68	3	0.	0.033	0.1	0.	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/67-09/24/68	3	7.4	7.967	9.2	7.3	1.143	1.069	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/26/67-09/24/68	3	177.	191.333	223.	174.	754.333	27.465	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/26/67-09/24/68	3	198.	183.	198.	153.	675.	25.981	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/26/67-09/24/68	3	0.6	1.233	2.8	0.3	1.863	1.365	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/26/67-09/24/68	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/68-09/24/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	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: OZAR0002

NPS Station ID: OZAR0002
LAT/LON: 36.954699/ -90.942948
Agency: 21MO0001
Date Created: 09/15/84
Location: T26N, R1E, SECYTON 3, NW, NW
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11010008020A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: WHITE RIVER
Elevation: 0
Water Body Id:
Minor Basin: CURRENT RIVER
ECO Region:
RF1 Index: 11010008020
RF1 Mile Point: 16.810
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008045000.00
RF3 Mile Point: 0.26
Distance from RF3: 0.04
On/Off RF3:
Description:
COUNTY: CARTER ESTABLISHED FOR: TUCKER SPRING

Parameter Inventory for Station: OZAR0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/24/80-04/16/80	2	58.	58.	58.	58.	0.	0.	**	**	**	**
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/24/80-04/16/80	2	51.5	51.5	60.	43.	144.5	12.021	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/80-04/16/80	2	43.5	43.5	49.	38.	60.5	7.778	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/24/80-04/16/80	2	2.65	2.65	3.	2.3	0.245	0.495	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/24/80-04/16/80	2	3.	3.	6.	0.	18.	4.243	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/80-04/16/80	2	5.	5.	8.	2.	18.	4.243	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/80-04/16/80	2	297.	297.	338.	256.	3362.	57.983	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/24/80-04/16/80	2	8.1	8.1	10.1	6.1	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	01/24/80-04/16/80	2	7.545	7.545	7.68	7.41	0.036	0.191	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/24/80-04/16/80	2	7.524	7.524	7.68	7.41	0.037	0.193	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/80-04/16/80	2	0.03	0.03	0.039	0.021	0.	0.013	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	01/24/80-04/16/80	2	0.35	0.35	0.41	0.29	0.007	0.085	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/80-04/16/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/80-04/16/80	2	0.145	0.145	0.15	0.14	0.	0.007	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/80-04/16/80	2	0.205	0.205	0.26	0.15	0.006	0.078	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/24/80-04/16/80	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/80-04/16/80	2	1.3	1.3	2.	0.6	0.98	0.99	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/80-04/16/80	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/80-04/16/80	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/24/80-04/16/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/24/80-04/16/80	2	135.	135.	170.	100.	2450.	49.497	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/24/80-04/16/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/24/80-04/16/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/80-04/16/80	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/80-04/16/80	2	0.151	0.151	0.301	0.	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			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: OZAR0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00				2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00400	PH	Other-Hi Lim.	9.	2	0	0.00				2	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				2	0	0.00						
		Drinking Water	250.	2	0	0.00				2	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				2	0	0.00						
		Drinking Water	5.	2	0	0.00				2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				2	0	0.00						
		Drinking Water	1300.	2	0	0.00				2	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				2	0	0.00						
		Drinking Water	15.	2	0	0.00				2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				2	0	0.00						
		Drinking Water	5000.	2	0	0.00				2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00				2	0	0.00						

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

Station Inventory for Station: OZAR0003

NPS Station ID: OZAR0003
LAT/LON: 36.834726/ -90.945198
Agency: 21MO0001
Date Created: 09/15/84
Location: T25N, R1E, SECTION 10, SE, SW
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11010008019D
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: WHITE RIVER
Elevation: 0
Water Body Id:
Minor Basin: CURRENT RIVER
ECO Region:
RF1 Index: 11010008020
RF1 Mile Point: 4.350
Distance from RF1: 2.30
On/Off RF1: ON
RF3 Index: 11010008165200.00
RF3 Mile Point: 1.85
Distance from RF3: 0.02
On/Off RF3:
Description:
COUNTY: CARTER ESTABLISHED FOR: PHILLIPS SPRING

Parameter Inventory for Station: OZAR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/24/80-05/08/80	2	57.5	57.5	58.	57.	0.5	0.707	**	**	**	**
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/24/80-05/08/80	2	64.5	64.5	69.	60.	40.5	6.364	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/80-05/08/80	2	32.	32.	32.	32.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/24/80-05/08/80	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/24/80-05/08/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/80-05/08/80	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/80-05/08/80	2	132.5	132.5	262.	3.	33540.5	183.141	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/24/80-05/08/80	2	7.	7.	7.5	6.5	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	01/24/80-05/08/80	2	7.57	7.57	7.78	7.36	0.088	0.297	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/24/80-05/08/80	2	7.521	7.521	7.78	7.36	0.093	0.305	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/80-05/08/80	2	0.03	0.03	0.044	0.017	0.	0.019	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	01/24/80-05/08/80	2	0.19	0.19	0.23	0.15	0.003	0.057	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/80-05/08/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/80-05/08/80	2	0.12	0.12	0.14	0.1	0.001	0.028	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/80-05/08/80	2	0.07	0.07	0.09	0.05	0.001	0.028	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/24/80-05/08/80	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/80-05/08/80	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/80-05/08/80	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/80-05/08/80	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/24/80-05/08/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/24/80-05/08/80	2	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/24/80-05/08/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/24/80-05/08/80	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/80-05/08/80	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/80-05/08/80	2	0.151	0.151	0.301	0.	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			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: OZAR0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Station Inventory for Station: OZAR0004

NPS Station ID: OZAR0004
LAT/LON: 36.818892/ -90.946670
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER BELOW HAWES CAMPGROUND
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07067800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008002017.55
RF3 Mile Point: 17.85
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/19/93	37	17.5	17.73	22.5	11.	10.994	3.316	13.1	15.	20.5	22.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/19/93	19	780.	778.789	795.	769.	36.953	6.079	771.	774.	782.	788.
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-05/03/77	2	1940.	1940.	2420.	1460.	460800.	678.823	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-09/29/92	36	2155.	2639.722	8700.	1000.	2886277.063	1698.905	1158.	1457.5	2990.	5187.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/06/73-07/10/74	6	1.5	2.833	10.	1.	12.567	3.545	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/12/90-09/11/91	3	0.8	1.	1.7	0.5	0.39	0.624	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/06/73-07/10/74	7	2.	2.429	5.	1.	3.286	1.813	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/19/93	37	295.	297.541	345.	222.	1168.589	34.185	250.	272.5	327.5	340.
00300	OXYGEN, DISSOLVED MG/L	04/06/73-10/19/93	37	9.2	9.324	11.2	7.	0.942	0.971	8.02	8.7	10.	10.62
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/73-07/01/82	15	91.	93.067	107.	82.	55.352	7.44	82.6	87.	99.	104.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/74-01/17/74	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/06/73-07/10/74	7	1.	5.	24.	0.	74.667	8.641	**	**	**	**
00400	PH (STANDARD UNITS)	04/06/73-10/19/93	37	8.	8.002	8.3	7.4	0.043	0.208	7.76	7.9	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/06/73-10/19/93	37	8.	7.946	8.3	7.4	0.046	0.216	7.76	7.9	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-10/19/93	37	0.01	0.011	0.04	0.005	0.	0.007	0.006	0.006	0.013	0.018
00403	PH, LAB, STANDARD UNITS SU	09/12/90-09/11/91	3	8.2	8.167	8.2	8.1	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/12/90-09/11/91	3	8.2	8.164	8.2	8.1	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/90-09/11/91	3	0.006	0.007	0.008	0.006	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/73-09/23/81	14	2.85	3.093	5.8	1.7	1.125	1.061	1.7	2.45	3.6	5.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	36	161.5	158.917	189.	115.	468.25	21.639	129.3	139.25	179.75	186.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/08/86-09/29/92	15	176.	169.133	192.	134.	382.41	19.555	135.2	156.	183.	190.8
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	20	197.	192.45	230.	140.	714.682	26.734	146.	171.25	215.	229.2
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/08/86-09/29/92	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/08/86-09/29/92	15	215.	206.267	234.	163.	569.067	23.855	164.8	190.	223.	232.8
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	07/10/74-07/10/74	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/22/73-07/01/82	12	0.44	0.587	2.1	0.23	0.257	0.507	0.251	0.358	0.515	1.749
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/06/73-06/11/81	12	0.1	0.18	0.97	0.	0.075	0.273	0.	0.008	0.203	0.796
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/12/90-09/11/91	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/19/93	33	0.01	0.024	0.15	0.005	0.001	0.03	0.005	0.005	0.03	0.046
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/12/90-09/11/91	3 ##	0.005	0.017	0.04	0.005	0.	0.02	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/22/73-10/19/93	33 ##	0.005	0.007	0.02	0.	0.	0.004	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/06/73-09/23/81	14	0.29	0.336	1.1	0.11	0.054	0.233	0.145	0.23	0.358	0.75
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/12/90-09/11/91	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/19/93	34	0.17	0.29	1.3	0.03	0.101	0.318	0.07	0.1	0.393	0.845
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/22/73-10/19/93	33	0.29	0.357	2.5	0.12	0.173	0.416	0.2	0.2	0.3	0.402
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/90-09/11/91	3	0.2	0.233	0.3	0.2	0.003	0.058	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/17/79-05/17/79	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: OZAR0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/19/93	34	0.01	0.012	0.04	0.	0.009	0.005	0.005	0.005	0.016	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/73-09/11/91	9 ##	0.005	0.011	0.03	0.005	0.	0.011	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/90-09/11/91	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/90-09/11/91	3	0.9	0.867	1.	0.7	0.023	0.153	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/73-09/06/79	8	150.	132.5	170.	0.	3078.571	55.485	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/73-09/06/79	8	1.5	1.75	4.	0.	3.071	1.753	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/73-09/11/91	10	33.	32.7	38.	26.	13.122	3.622	26.4	30.	35.5	37.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/73-09/11/91	10	18.5	18.3	22.	13.	7.567	2.751	13.3	16.75	20.5	22.
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/73-09/11/91	10	1.75	1.81	2.7	1.1	0.268	0.517	1.11	1.425	2.125	2.68
00931	SODIUM ADSORPTION RATIO	04/06/73-07/10/74	7	0.1	0.071	0.1	0.	0.002	0.049	**	**	**	**
00932	SODIUM, PERCENT	04/06/73-07/10/74	7	2.	2.714	4.	2.	0.905	0.951	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/06/73-09/11/91	10	0.9	0.87	1.	0.8	0.005	0.067	0.8	0.8	0.9	0.99
00940	CHLORIDE,TOTAL IN WATER MG/L	04/06/73-09/11/91	10	2.	2.4	5.	1.	1.6	1.265	1.	1.75	3.25	4.9
00945	SULFATE, TOTAL (MG/L AS SO4)	04/06/73-09/11/91	10	4.5	5.1	12.	2.	7.433	2.726	2.1	3.75	6.	11.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/06/73-09/11/91	10 ##	0.05	0.075	0.2	0.05	0.002	0.049	0.05	0.05	0.1	0.19
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/73-09/11/91	10	7.85	7.86	8.8	6.9	0.4	0.633	6.91	7.375	8.45	8.78
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/12/90-09/11/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/06/73-07/10/74	6	1.5	1.917	5.	0.5	2.642	1.625	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/12/90-09/11/91	3	32.	31.333	33.	29.	4.333	2.082	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/06/73-07/10/74	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/12/90-09/11/91	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/12/90-09/11/91	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/19/93	33 ##	0.5	2.136	10.	0.	11.942	3.456	0.	0.5	1.5	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/12/90-09/11/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/06/73-07/10/74	6 ##	0.	1.667	10.	0.	16.667	4.082	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/12/90-09/11/91	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	04/06/73-07/10/74	6 ##	31.25	30.167	50.	6.	477.667	21.856	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/12/90-09/11/91	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/06/73-07/10/74	6 ##	10.	8.333	10.	0.	16.667	4.082	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/06/73-09/11/91	10	20.	40.2	130.	1.5	2353.9	48.517	1.5	3.375	75.	129.
01049	LEAD, DISSOLVED (UG/L AS PB)	09/12/90-09/11/91	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/19/93	33	2.5	24.03	300.	0.	3339.468	57.788	0.5	2.	7.	100.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/06/73-09/11/91	10 ##	5.	5.8	20.	2.	26.178	5.116	2.1	3.	5.	18.5
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/12/90-09/11/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/12/90-09/11/91	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/06/73-07/10/74	6 ##	18.75	30.167	100.	6.	1227.667	35.038	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/12/90-09/11/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/19/93	33 ##	0.5	1.909	10.	0.	12.132	3.483	0.	0.5	1.	10.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/12/90-09/11/91	3	31.	30.333	32.	28.	4.333	2.082	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/12/90-09/11/91	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/12/90-09/11/91	3	4.	4.667	6.	4.	1.333	1.155	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/19/93	33	10.	27.97	210.	0.	1878.843	43.346	5.	5.	30.	68.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/12/90-09/11/91	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/12/90-09/11/91	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/12/90-09/11/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/06/73-04/06/73	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/06/73-04/06/73	1	3.079	3.079	3.079	3.079	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1200.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-07/10/74	7	10.	11.	25.	3.	50.	7.071	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-07/10/74	7	1.	0.965	1.398	0.477	0.083	0.287	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.221								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-10/19/93	27	9.	57.333	840.	1.	27151.308	164.777	2.	6.	20.	174.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-10/19/93	27	0.954	1.077	2.924	0.	0.44	0.663	0.301	0.778	1.301	2.236
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			11.945								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-10/19/93	26	20.	109.75	1640.	0.5	109029.985	330.197	1.	10.	26.5	398.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-10/19/93	26	1.301	1.21	3.215	-0.301	0.653	0.808	0.	1.	1.423	2.599
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			16.203								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/06/73-07/10/74	7	24.	26.571	54.	6.	238.619	15.447	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/06/73-07/10/74	7	1.38	1.348	1.732	0.778	0.092	0.303	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			22.265								
34792	ALUMINUM,BEDLOAD SEDIMENT,DRY SIEVE DIAM	09/12/90-09/12/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34802	ARSENIC, BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
34807	BARIUM, BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	350.	350.	350.	350.	0.	0.	**	**	**	**

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Parameter Inventory for Station: OZAR0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34812	BERYLLIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34817	BISMUTH,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34827	CADMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34832	CALCIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34837	CERIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	60.	60.	60.	60.	0.	0.	**	**	**	**
34842	COBALT,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	48.	48.	48.	48.	0.	0.	**	**	**	**
34847	CHROMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
34852	COPPER,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	38.	38.	38.	38.	0.	0.	**	**	**	**
34857	EUROPIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34862	GALLIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
34872	GOLD,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34877	HOLMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34882	IRON,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34887	LANTHANUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
34892	LEAD,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	35.	35.	35.	35.	0.	0.	**	**	**	**
34897	LITHIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	22.	22.	22.	22.	0.	0.	**	**	**	**
34902	MAGNESIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34907	MANGANESE,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	830.	830.	830.	830.	0.	0.	**	**	**	**
34917	MOLYBDENUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34922	NEODYMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
34927	NICKEL,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	21.	21.	21.	21.	0.	0.	**	**	**	**
34932	NIOBIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34937	PHOSPHORUS,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
34942	POTASSIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34947	SCANDIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
34957	SILVER,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34962	SODIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34967	STRONTIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	52.	52.	52.	52.	0.	0.	**	**	**	**
34977	TANTALUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34982	THORIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
34987	TIN,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34992	TITANIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
35002	URANIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
35007	VANADIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	56.	56.	56.	56.	0.	0.	**	**	**	**
35012	YTTRIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	16.	16.	16.	16.	0.	0.	**	**	**	**
35017	YTTERBIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
35022	ZINC,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	47.	47.	47.	47.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/06/73-07/10/74	6	0.025	0.035	0.1	0.	0.002	0.04	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/25/80-09/25/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	09/25/80-09/25/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/25/80-09/25/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/25/80-09/25/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	09/25/80-09/25/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/06/73-09/25/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OZAR0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	04/18/74-08/28/80	6	625.	1680.	7400.	150.	7920360.	2814.313	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/06/73-09/11/91	10	168.	165.7	236.	128.	1050.456	32.411	128.2	138.25	181.5	231.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/73-07/10/74	7	161.	156.857	176.	125.	274.476	16.567	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/06/73-07/10/74	7	1220.	1336.286	2250.	974.	187309.905	432.793	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/06/73-07/10/74	7	0.23	0.217	0.25	0.18	0.001	0.027	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-10/19/93	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/17/79-08/28/80	3	0.01	0.103	0.3	0.	0.029	0.17	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/17/79-05/16/84	8	0.03	0.045	0.12	0.	0.001	0.036	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/22/73-07/01/82	13	1.9	2.523	9.3	1.	4.672	2.161	1.12	1.65	2.2	7.22
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/12/90-09/11/91	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/06/73-07/10/74	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/06/73-07/10/74	7	8.	9.857	15.	6.	11.476	3.388	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/06/73-07/10/74	7	82.	82.571	138.	39.	1131.619	33.64	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	37	0	0.00	17	0	0.00	4	0	0.00	16	0	0.00			
00400	PH	Other-Hi Lim.	9.	37	0	0.00	17	0	0.00	4	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	37	0	0.00	17	0	0.00	4	0	0.00	16	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	33	0	0.00	15	0	0.00	3	0	0.00	15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	5	0	0.00	3	0	0.00	6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	33	0	0.00	15	0	0.00	3	0	0.00	15	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00	2	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	28 &	1	0.04	13	0	0.00	2	0	0.00	13	1	0.08			
		Drinking Water	5.	28 &	0	0.00	13	0	0.00	2	0	0.00	13	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1300.	3	0	0.00	2	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	1300.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	15.	3	0	0.00	2	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	30 &	1	0.03	15	1	0.07	2	0	0.00	13	0	0.00			
		Drinking Water	15.	29 &	3	0.10	14	1	0.07	2	0	0.00	13	2	0.15			

& - 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: OZAR0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	100.	5 &	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	28 &	0	0.00	13	0	0.00	2	0	0.00	13	0	0.00			
		Drinking Water	100.	33	0	0.00	15	0	0.00	4	0	0.00	14	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5000.	3	0	0.00	2	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	33	2	0.06	15	1	0.07	4	1	0.25	14	0	0.00			
		Drinking Water	5000.	33	0	0.00	15	0	0.00	4	0	0.00	14	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	27	2	0.07	13	1	0.08	1	0	0.00	13	1	0.08			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	0.2	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	3	0	0.00	1	0	0.00	2	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	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	3.	2	0	0.00	1	0	0.00				1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	0.4	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	0.2	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	2	0	0.00	1	0	0.00				1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	2.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/19/93	17	17.5	18.	22.5	14.	10.719	3.274	14.	14.75	21.25	22.1
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/19/93	10	780.	780.9	795.	771.	44.767	6.691	771.3	777.75	783.5	794.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-09/29/92	16	1415.	1557.5	2530.	1000.	235273.333	485.05	1035.	1220.	1920.	2453.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/19/93	17	327.	324.235	345.	284.	266.816	16.335	292.	317.5	337.5	342.6
00300p	OXYGEN, DISSOLVED MG/L	04/06/73-10/19/93	17	9.2	9.282	11.2	7.	1.285	1.134	7.56	8.6	10.1	11.04
00400p	PH (STANDARD UNITS)	04/06/73-10/19/93	17	8.	7.999	8.3	7.4	0.044	0.21	7.72	7.9	8.15	8.22
00400p	CONVERTED PH (STANDARD UNITS)	04/06/73-10/19/93	17	8.	7.94	8.3	7.4	0.048	0.218	7.72	7.9	8.15	8.22
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-10/19/93	17	0.01	0.011	0.04	0.005	0.	0.008	0.006	0.007	0.013	0.021
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	16	180.	178.688	189.	161.	58.896	7.674	165.9	174.	185.75	187.6
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	8	216.	215.625	230.	196.	145.125	12.047	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/19/93	14	0.01	0.026	0.15	0.005	0.002	0.043	0.005	0.005	0.02	0.125
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/22/73-10/19/93	15 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.014
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/19/93	15	0.105	0.264	1.3	0.09	0.096	0.309	0.09	0.1	0.3	0.76
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/22/73-10/19/93	15	0.28	0.403	2.5	0.12	0.34	0.583	0.168	0.2	0.3	1.21
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/19/93	15 ##	0.005	0.007	0.01	0.	0.	0.003	0.003	0.005	0.01	0.01
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/19/93	15 ##	0.5	1.767	10.	0.	11.281	3.359	0.	0.5	1.	10.
01051p	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/19/93	15	2.5	23.767	300.	0.5	5875.888	76.654	0.5	2.	4.	135.
01077p	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/19/93	15 ##	0.5	1.667	10.	0.	11.488	3.389	0.	0.5	0.5	10.
01092p	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/19/93	15	20.	29.333	150.	0.	1567.381	39.59	3.	5.	40.	108.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-10/19/93	13	9.	28.846	230.	1.	3835.641	61.933	1.4	6.	17.	159.6
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-10/19/93	13	0.954	1.001	2.362	0.	0.344	0.587	0.12	0.778	1.224	2.11
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			10.017								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-10/19/93	12	13.	18.958	67.	0.5	310.566	17.623	0.65	10.5	24.25	56.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-10/19/93	12	1.113	1.039	1.826	-0.301	0.365	0.604	-0.211	1.02	1.384	1.726
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10.928								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/19/93	4	11.25	11.75	13.5	11.	1.417	1.19	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/19/93	1	782.	782.	782.	782.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-09/29/92	4	3370.	3677.5	6400.	1570.	4161491.667	2039.973	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/19/93	4	276.5	276.5	326.	227.	1641.667	40.517	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/06/73-10/19/93	4	9.5	9.7	10.7	9.1	0.54	0.735	**	**	**	**
00400p	PH (STANDARD UNITS)	04/06/73-10/19/93	4	7.95	8.	8.2	7.9	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/06/73-10/19/93	4	7.947	7.984	8.2	7.9	0.02	0.143	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-10/19/93	4	0.011	0.01	0.013	0.006	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	4	142.5	142.	168.	115.	470.	21.679	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	3	172.	162.667	176.	140.	389.333	19.732	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/19/93	4	0.035	0.031	0.05	0.005	0.	0.019	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/22/73-10/19/93	3	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/19/93	4	0.22	0.235	0.39	0.11	0.014	0.117	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/22/73-10/19/93	3	0.23	0.24	0.3	0.19	0.003	0.056	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/19/93	4	0.022	0.021	0.03	0.01	0.	0.011	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/19/93	4 ##	5.25	5.125	10.	0.	31.729	5.633	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/19/93	4 ##	50.25	50.125	100.	0.	3316.729	57.591	**	**	**	**
01077p	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/19/93	4 ##	5.5	5.375	10.	0.5	28.563	5.344	**	**	**	**
01092p	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/19/93	4	40.	73.75	210.	5.	8589.583	92.68	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-10/19/93	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-10/19/93	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-10/19/93	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-10/19/93	1	1.041	1.041	1.041	1.041	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0004

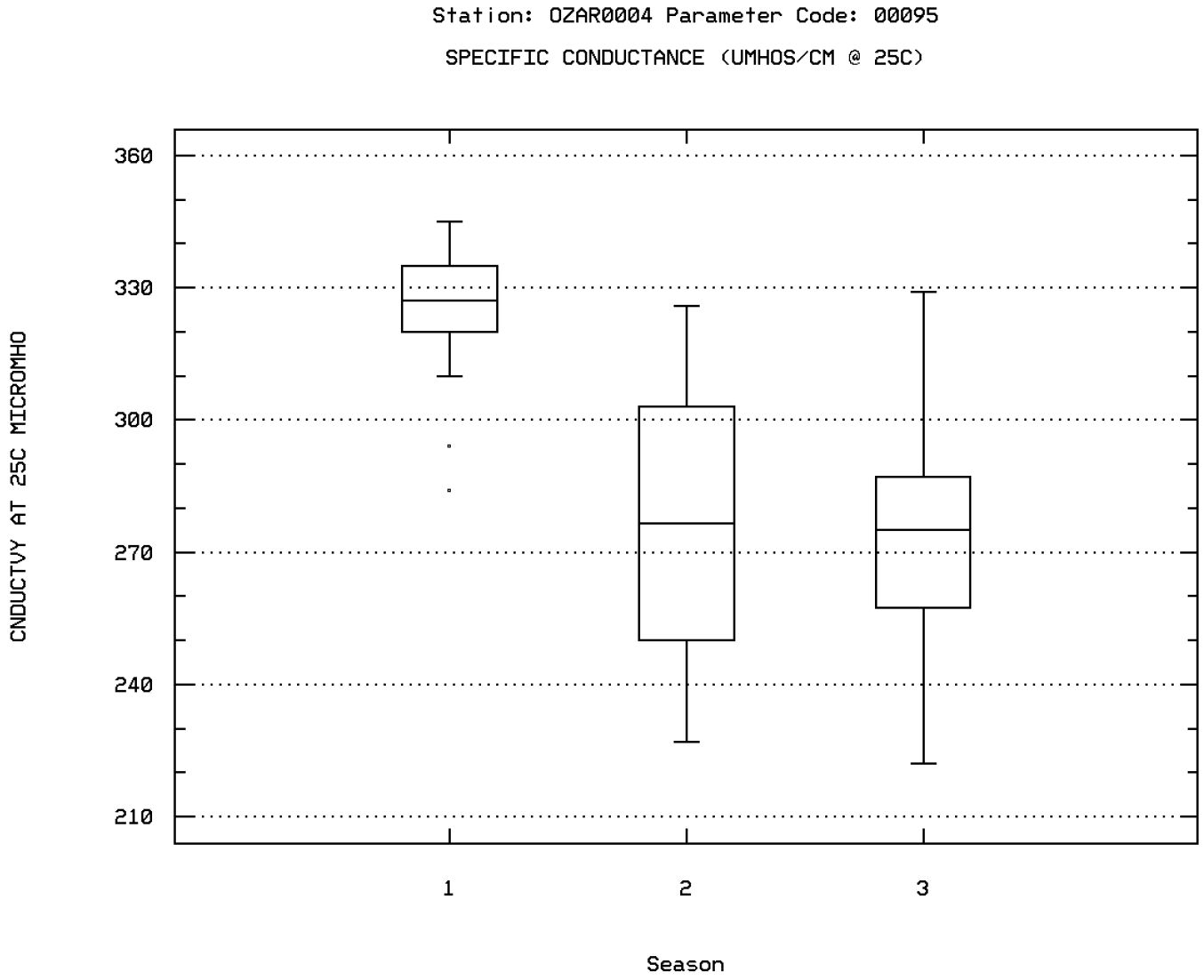
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			11.								

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

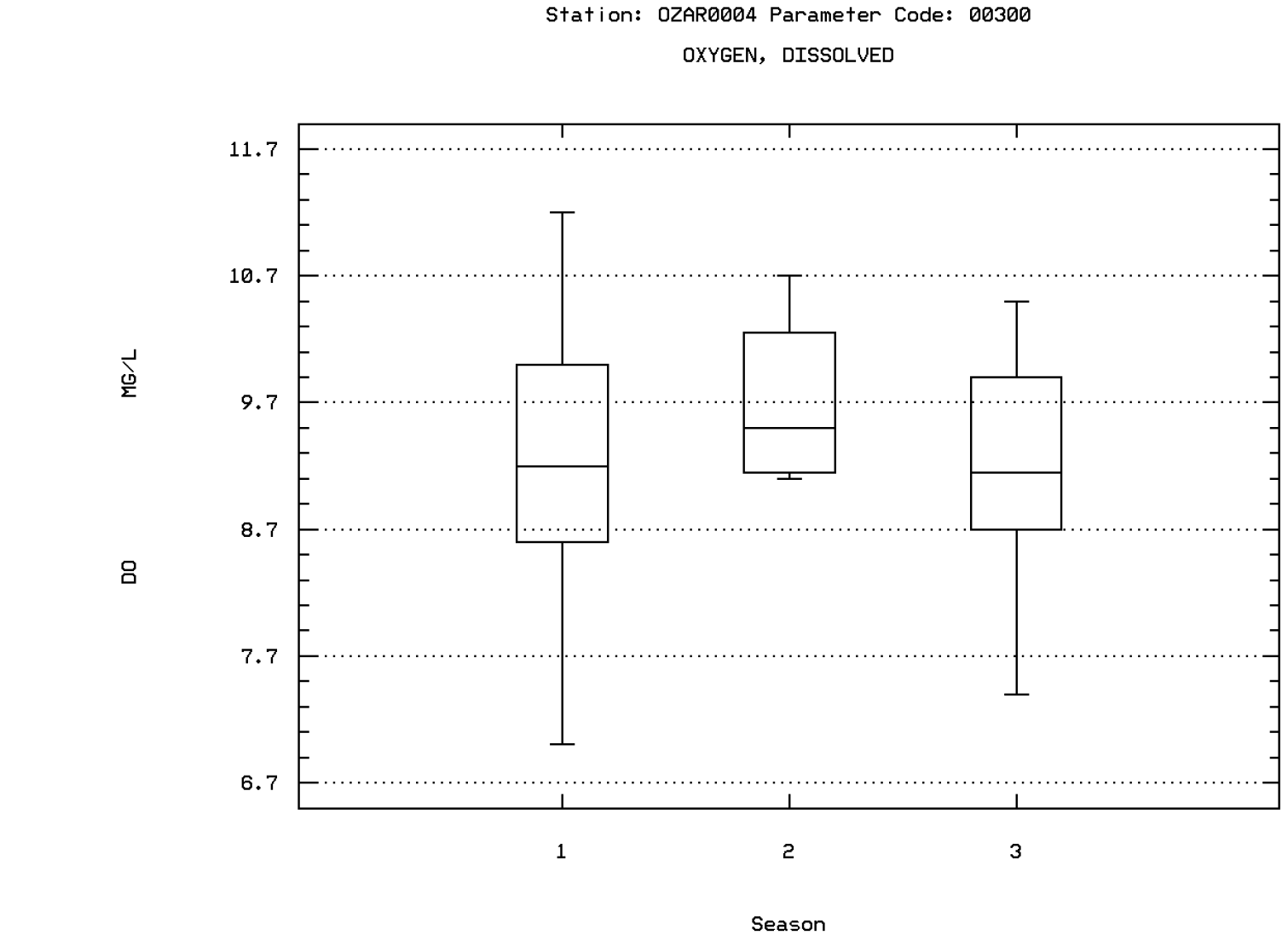
Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/19/93	16	19.	18.938	22.5	16.	3.496	1.87	16.7	17.	20.5	21.45
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/19/93	8	775.5	775.75	783.	769.	19.071	4.367	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-09/29/92	16	2945.	3462.5	8700.	1730.	3408500.	1846.212	1821.	2152.5	4312.5	6971.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/19/93	16	275.	274.438	329.	222.	696.663	26.394	241.6	255.25	287.5	319.9
00300p	OXYGEN, DISSOLVED MG/L	04/06/73-10/19/93	16	9.15	9.275	10.5	7.4	0.741	0.861	8.1	8.65	9.9	10.43
00400p	PH (STANDARD UNITS)	04/06/73-10/19/93	16	8.	8.006	8.3	7.5	0.053	0.229	7.57	7.85	8.2	8.23
00400p	CONVERTED PH (STANDARD UNITS)	04/06/73-10/19/93	16	8.	7.942	8.3	7.5	0.057	0.239	7.57	7.85	8.2	8.23
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-10/19/93	16	0.01	0.011	0.032	0.005	0.	0.007	0.006	0.006	0.014	0.027
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	16	139.5	143.375	166.	118.	188.783	13.74	121.5	135.25	155.75	163.2
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	9	184.	181.778	216.	144.	475.194	21.799	144.	167.	198.5	216.
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/19/93	15	0.02	0.019	0.04	0.005	0.	0.013	0.005	0.005	0.03	0.034
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/22/73-10/19/93	15 ##	0.005	0.007	0.02	0.	0.	0.005	0.003	0.005	0.01	0.014
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/19/93	15	0.15	0.332	1.2	0.03	0.136	0.369	0.036	0.1	0.5	1.074
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/22/73-10/19/93	15	0.3	0.333	1.1	0.2	0.049	0.222	0.2	0.23	0.32	0.686
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/19/93	15	0.01	0.015	0.04	0.005	0.	0.01	0.005	0.01	0.02	0.034
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/19/93	14 ##	0.5	1.679	10.	0.	6.793	2.606	0.25	0.5	2.	7.
01051p	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/19/93	14	4.	16.857	100.	0.5	861.94	29.359	0.75	2.	15.75	78.5
01077p	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/19/93	14 ##	0.5	1.179	10.	0.	6.562	2.562	0.	0.375	1.	5.5
01092p	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/19/93	14	10.	13.429	30.	5.	79.956	8.942	5.	5.	20.	30.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-10/19/93	13	9.	89.769	840.	2.	52753.692	229.682	2.	5.5	54.	568.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-10/19/93	13	0.954	1.177	2.924	0.301	0.585	0.765	0.301	0.739	1.721	2.636
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			15.018								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-10/19/93	13	23.	201.154	1640.	1.	208754.474	456.897	1.	6.	204.	1160.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-10/19/93	13	1.362	1.38	3.215	0.	0.962	0.981	0.	0.651	2.013	2.986
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			24.011								

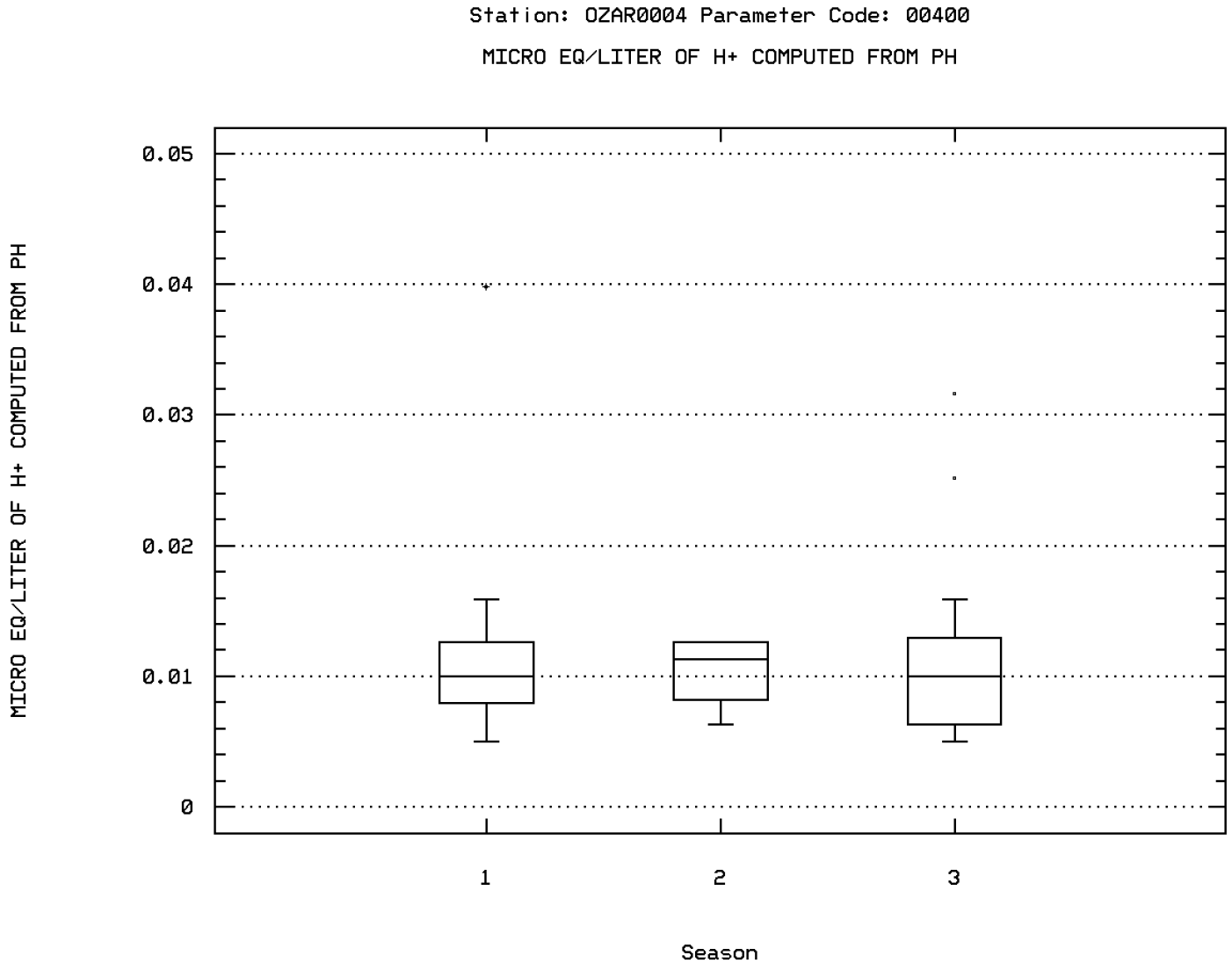
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



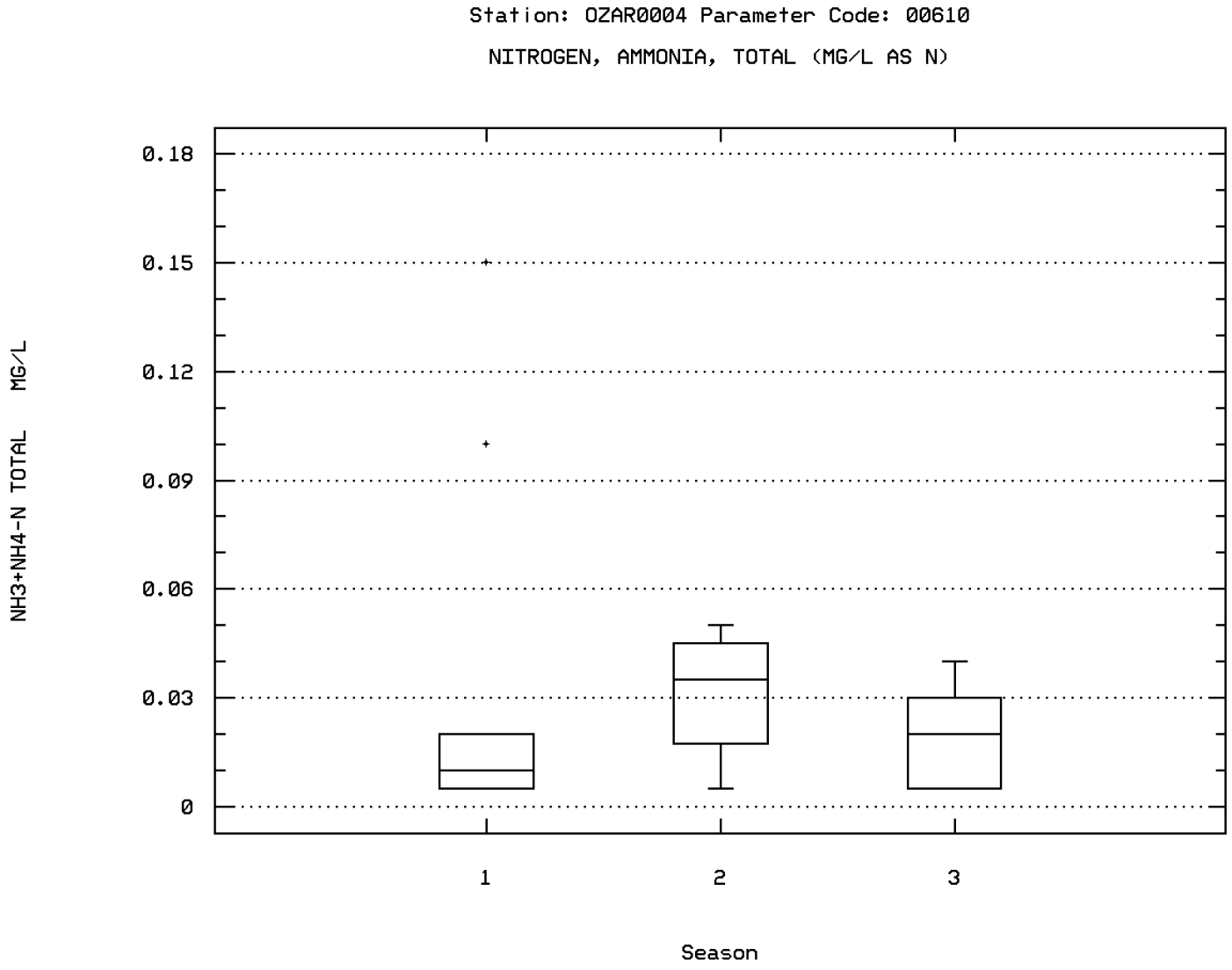
CURRENT RIVER BELOW HAWES CAMPGROUND



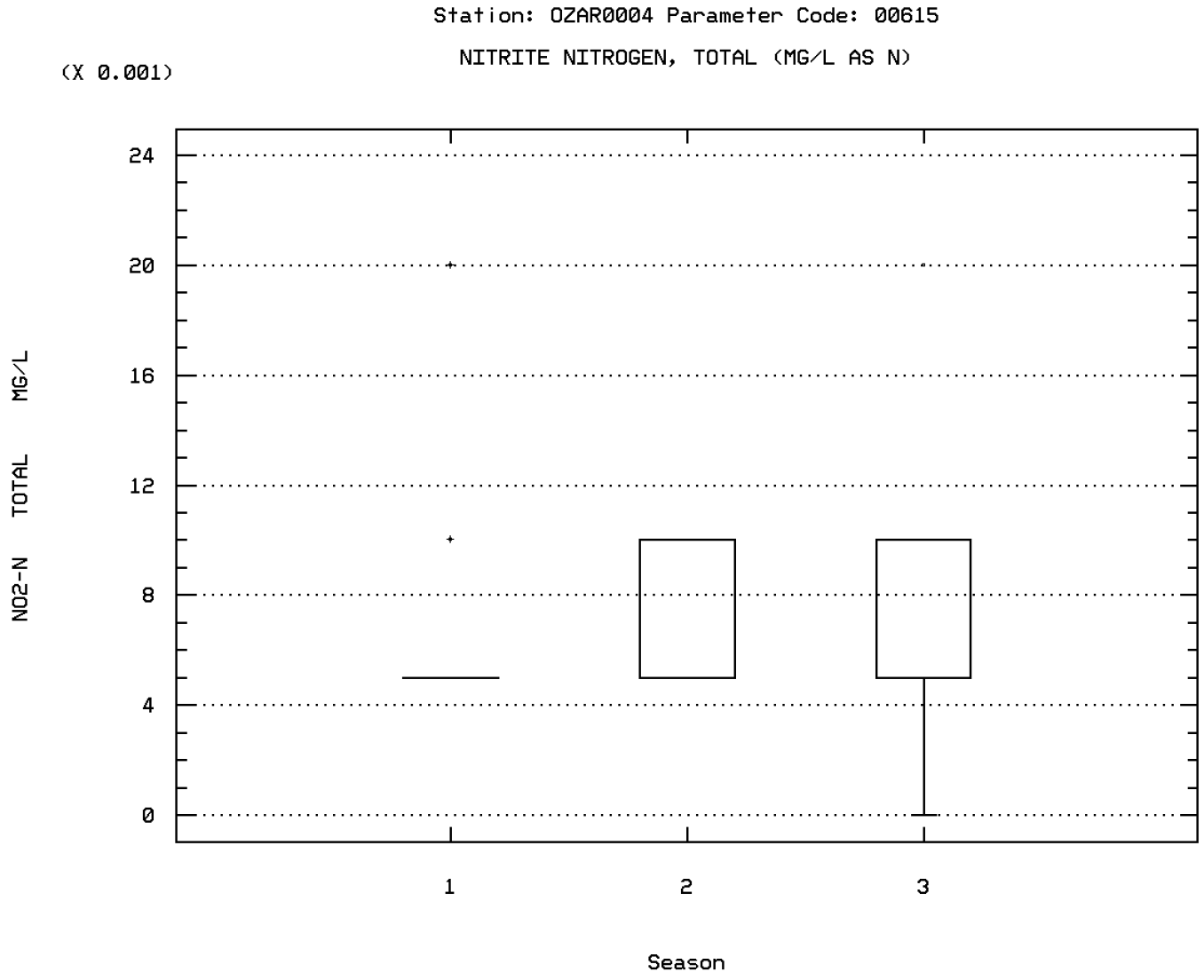
CURRENT RIVER BELOW HAWES CAMPGROUND



CURRENT RIVER BELOW HAWES CAMPGROUND



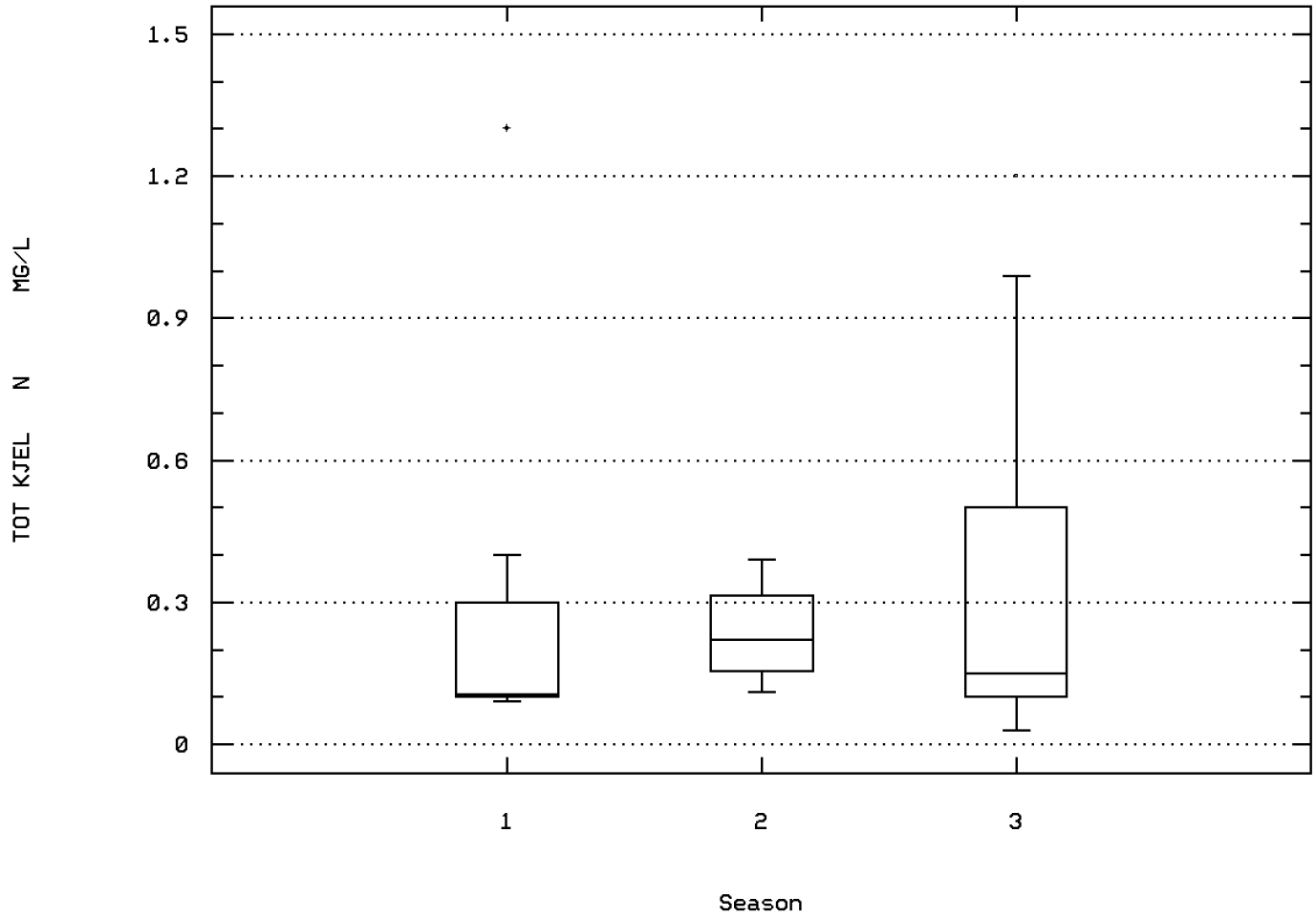
CURRENT RIVER BELOW HAWES CAMPGROUND



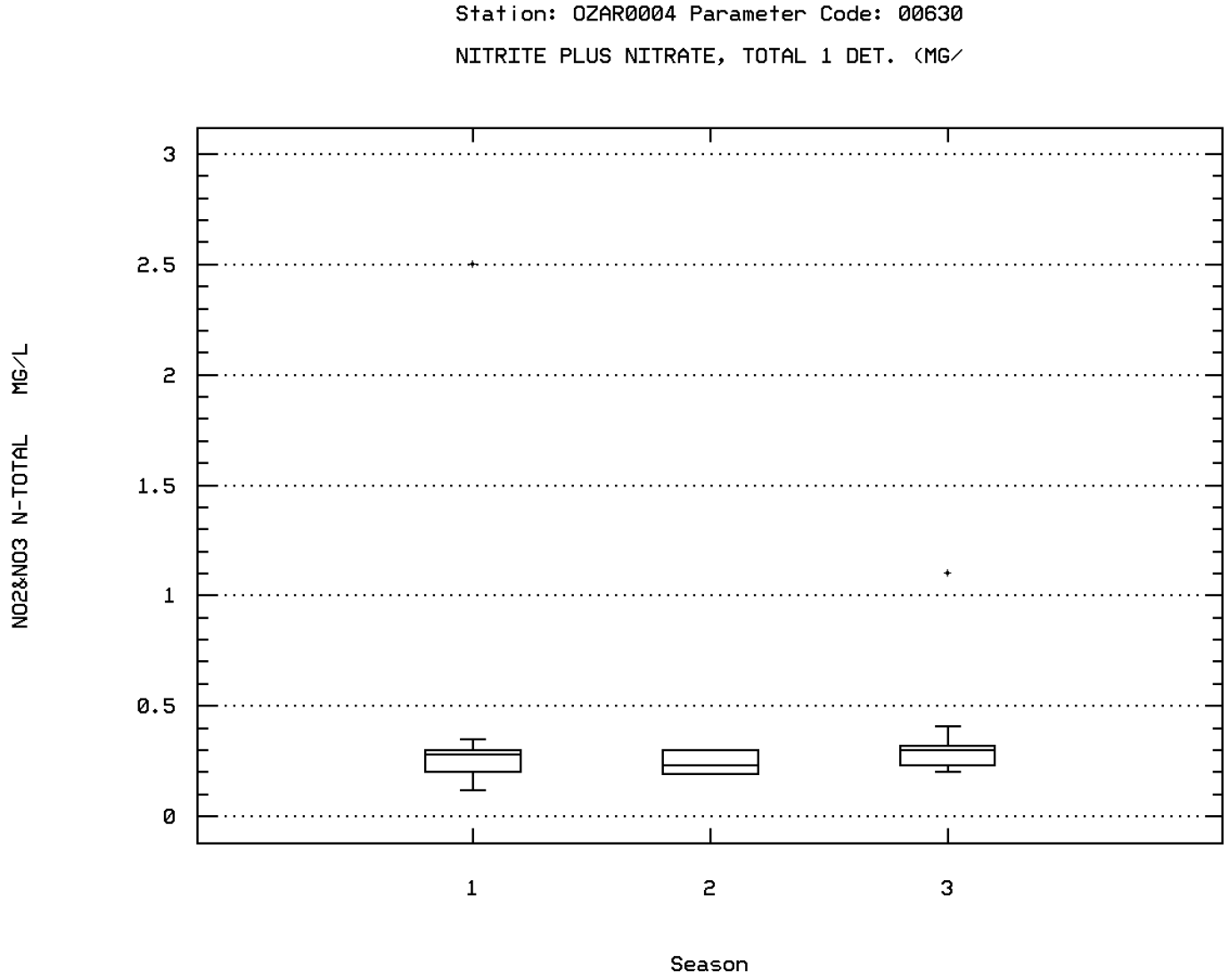
CURRENT RIVER BELOW HAWES CAMPGROUND

Station: OZAR0004 Parameter Code: 00625

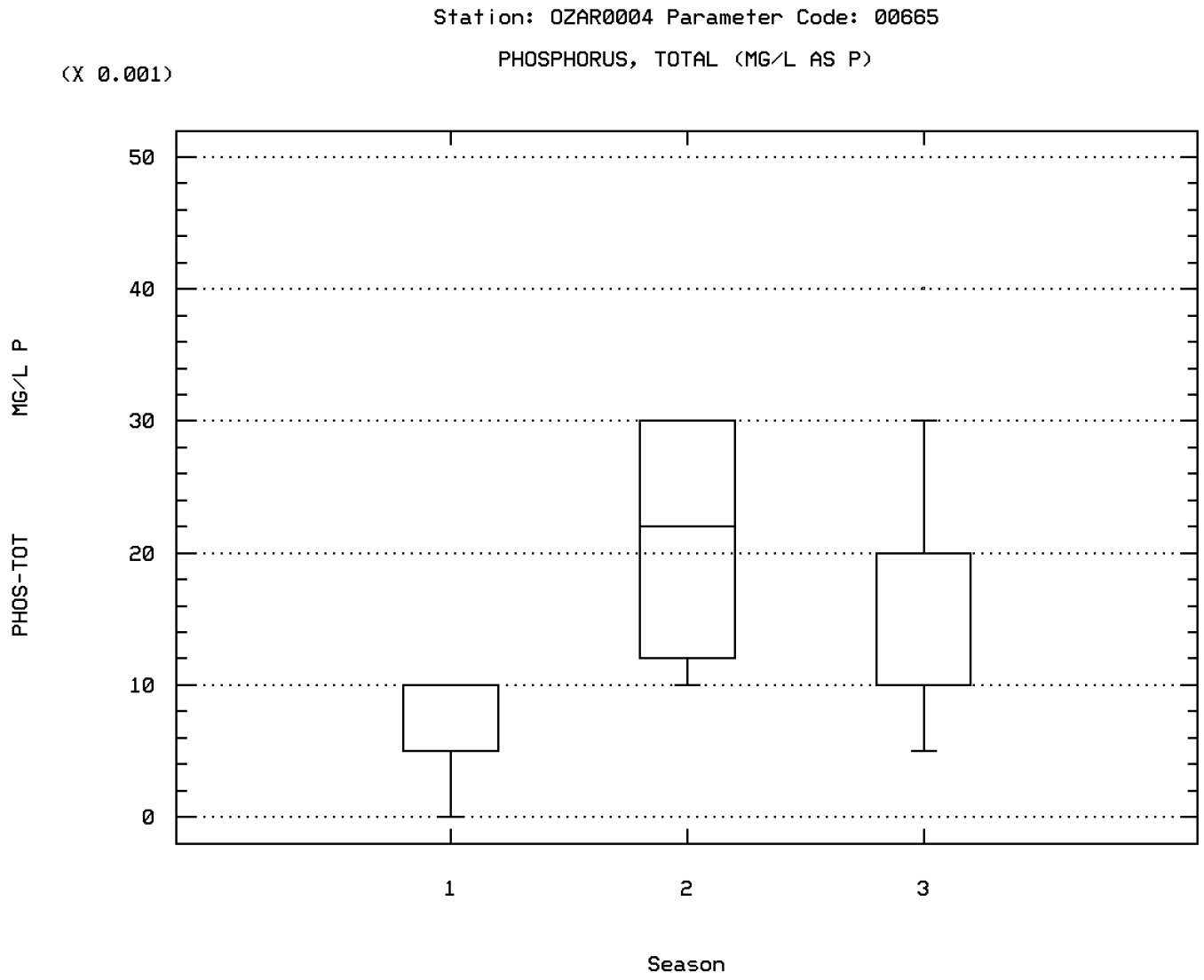
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



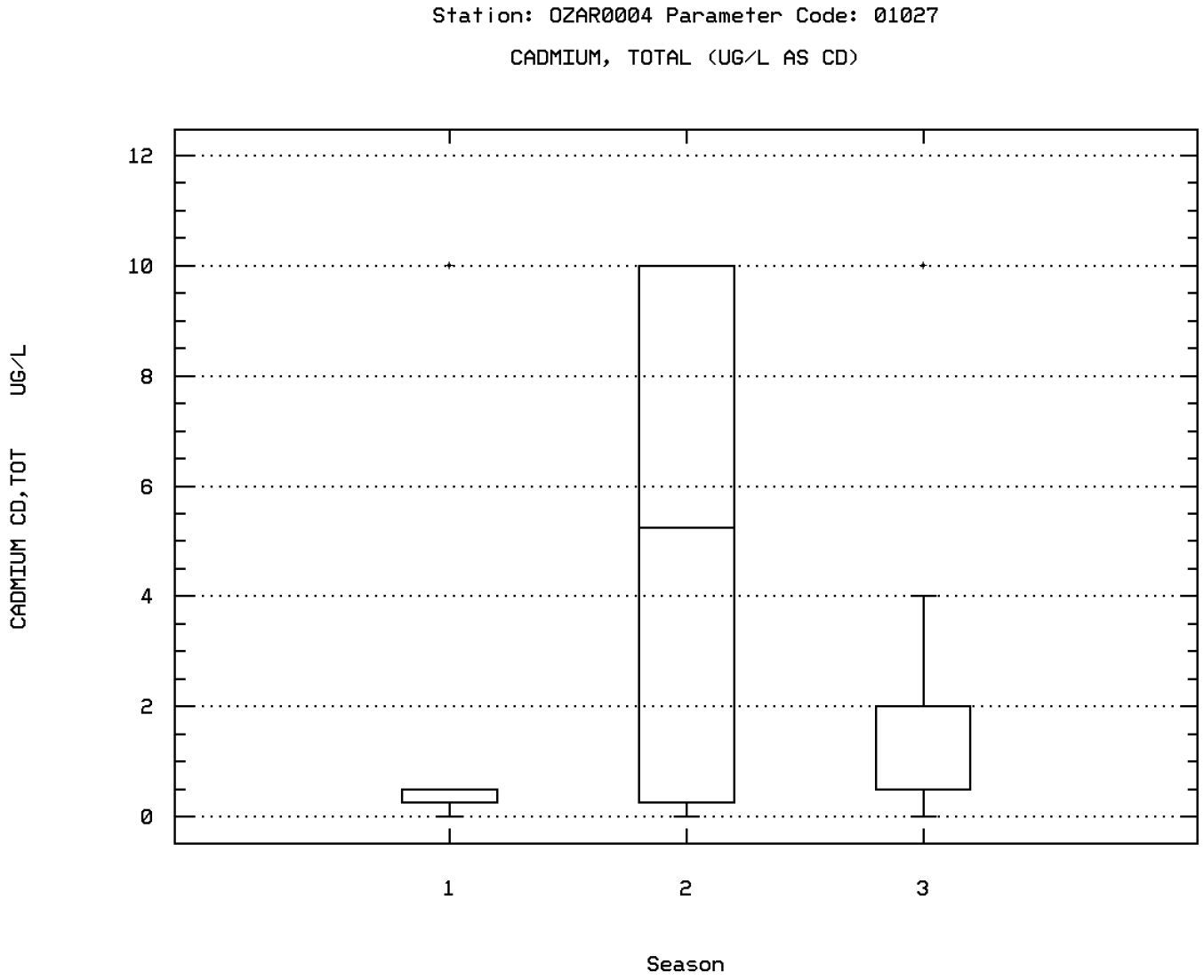
CURRENT RIVER BELOW HAWES CAMPGROUND



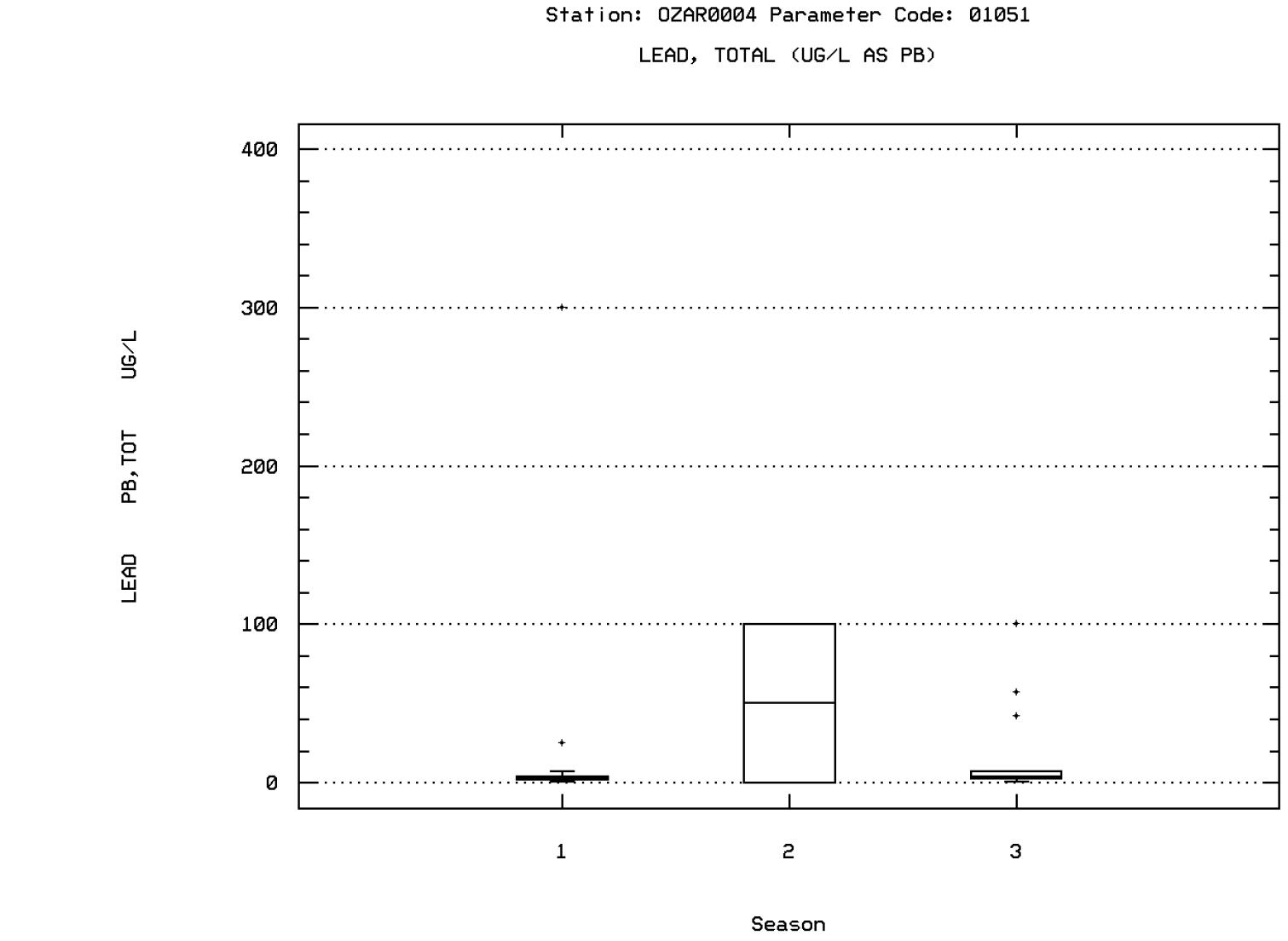
CURRENT RIVER BELOW HAWES CAMPGROUND



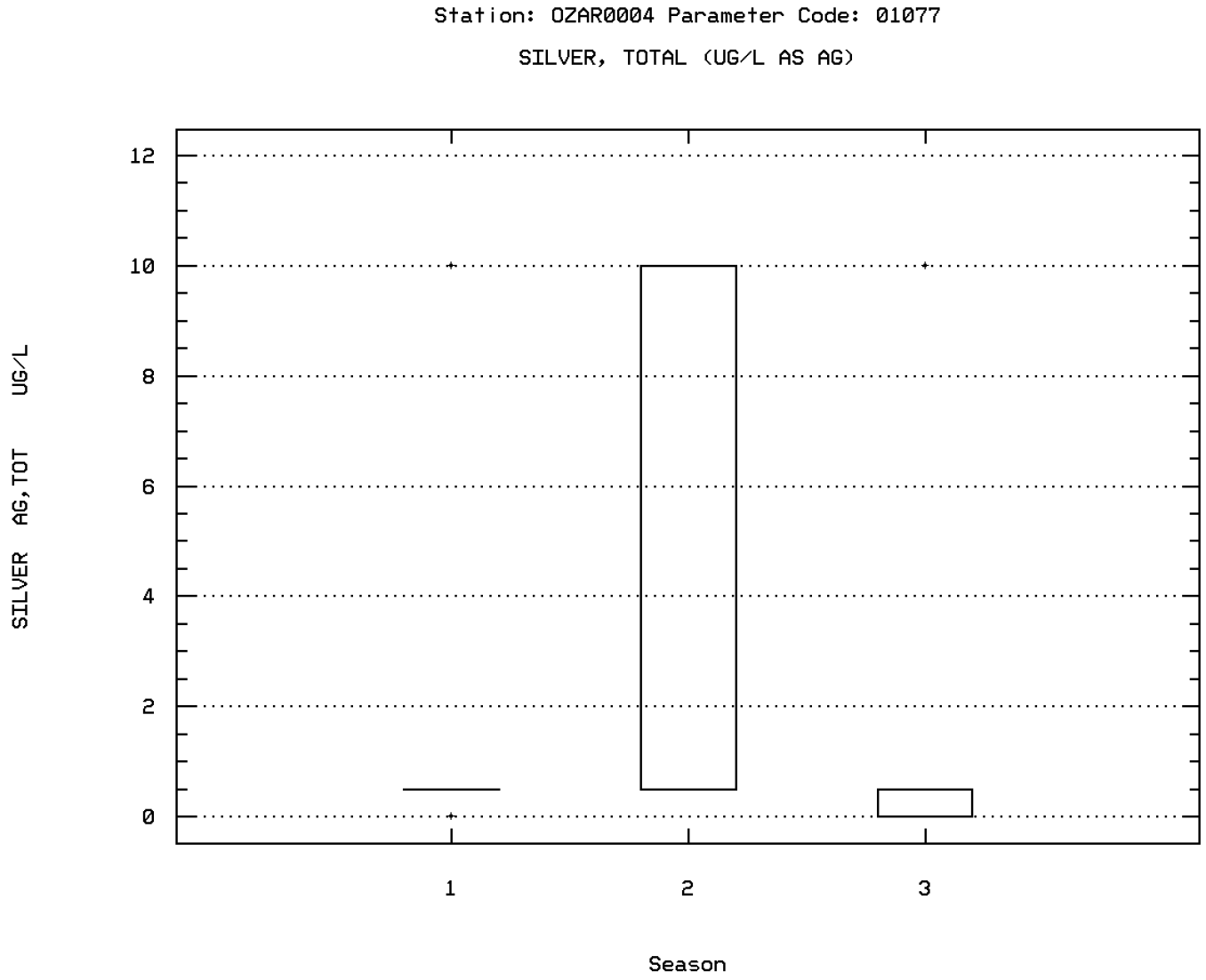
CURRENT RIVER BELOW HAWES CAMPGROUND



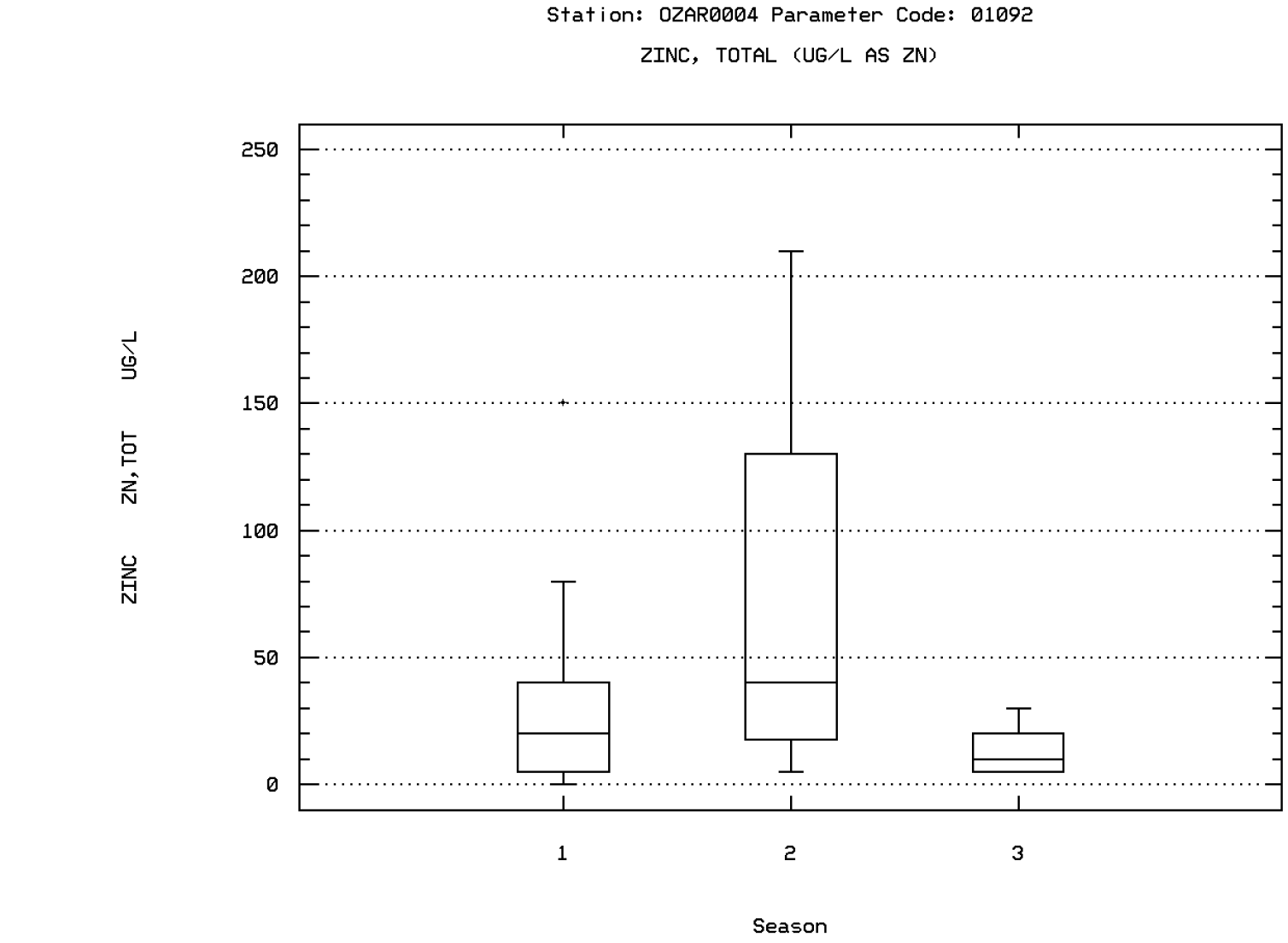
CURRENT RIVER BELOW HAWES CAMPGROUND



CURRENT RIVER BELOW HAWES CAMPGROUND



CURRENT RIVER BELOW HAWES CAMPGROUND



CURRENT RIVER BELOW HAWES CAMPGROUND

Station Inventory for Station: OZAR0005

NPS Station ID: OZAR0005 | LAT/LON: 36.952504/ -90.972226 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: BIG SPRING - ACCESS | FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): BSAC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED AT THE BIG SPRING CANOE ACCESS ON THE CURRENT RIVER. COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0005

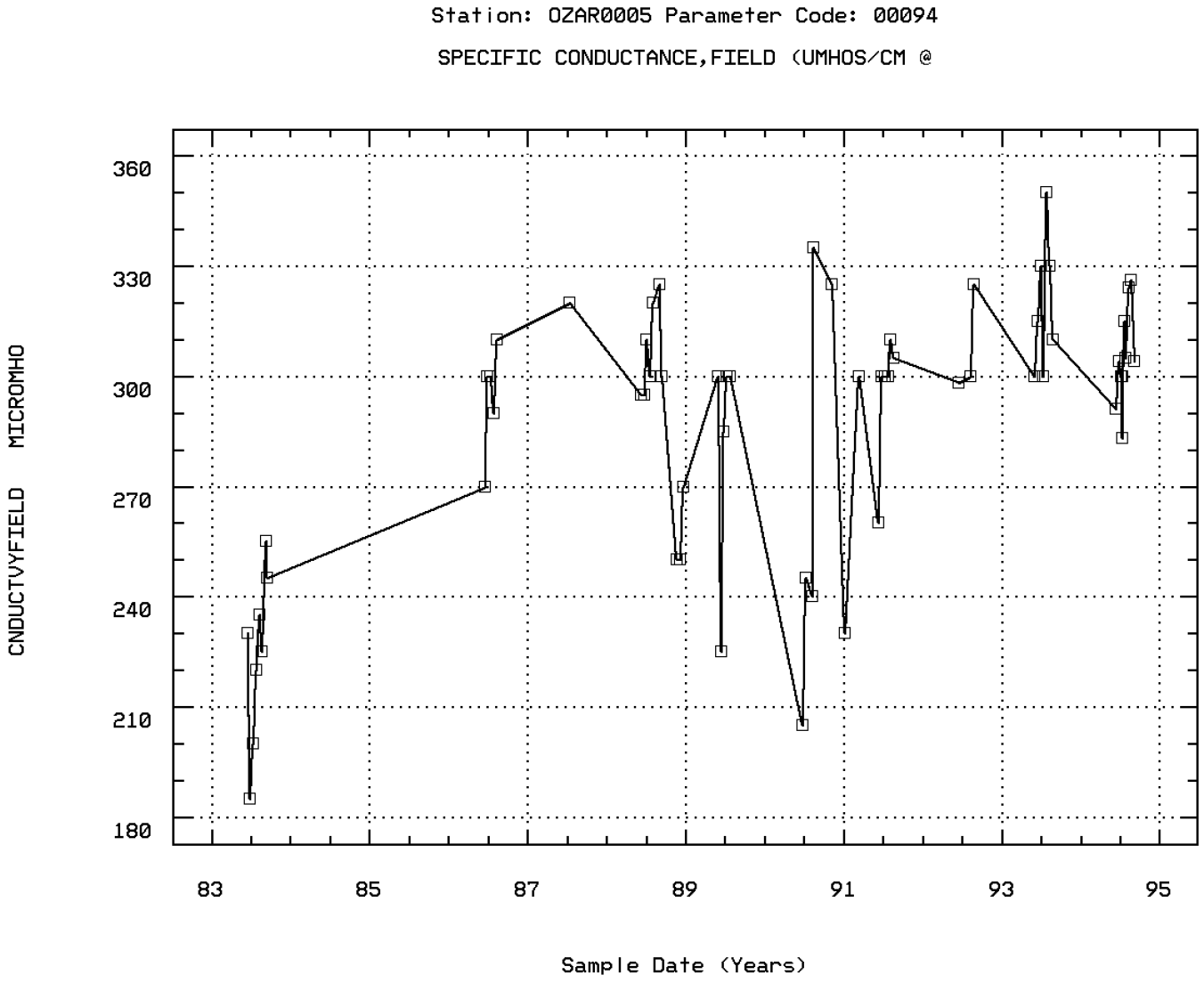
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/83-09/06/94	82	24.	22.855	27.2	6.9	17.134	4.139	19.	22.	25.	26.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/10/93	40	27.	26.335	35.	2.7	48.04	6.931	13.3	25.	31.	33.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	62	300.	286.694	350.	185.	1379.593	37.143	226.5	258.75	310.	325.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/23/94	10	9.5	9.74	12.	7.4	1.854	1.362	7.54	9.025	11.1	11.94
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	47	8.15	8.111	8.7	7.	0.126	0.356	7.6	8.	8.32	8.52
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	47	8.15	7.93	8.7	7.	0.16	0.4	7.6	8.	8.32	8.52
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	47	0.007	0.012	0.1	0.002	0.	0.016	0.003	0.005	0.01	0.025
00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	16	8.015	7.988	8.38	7.43	0.096	0.31	7.458	7.755	8.288	8.331
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/08/91-08/24/93	16	8.009	7.88	8.38	7.43	0.109	0.33	7.458	7.755	8.288	8.331
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/91-08/24/93	16	0.01	0.013	0.037	0.004	0.	0.01	0.005	0.005	0.018	0.035
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	50	162.	159.28	189.	90.	400.41	20.01	123.7	155.5	170.	184.4
00600p	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	40	0.31	0.32	0.54	0.09	0.01	0.1	0.162	0.263	0.38	0.478
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-07/28/86	8	0.155	0.175	0.29	0.09	0.005	0.067	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	37	0.008	0.009	0.034	0.004	0.	0.005	0.005	0.006	0.009	0.011
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	86	10.	60.047	3270.	0.	123930.304	352.037	0.	4.	25.5	57.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	86	1.	0.994	3.515	0.	0.456	0.676	0.	0.602	1.406	1.748
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.86								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	73	20.	73.767	2125.	0.	64731.014	254.423	0.4	10.	50.	116.4
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	73	1.301	1.296	3.327	0.	0.448	0.67	0.	1.	1.699	2.065
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			19.786								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	12/05/88-09/06/94	32	0.6	0.65	1.5	0.2	0.069	0.263	0.4	0.425	0.8	0.97

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

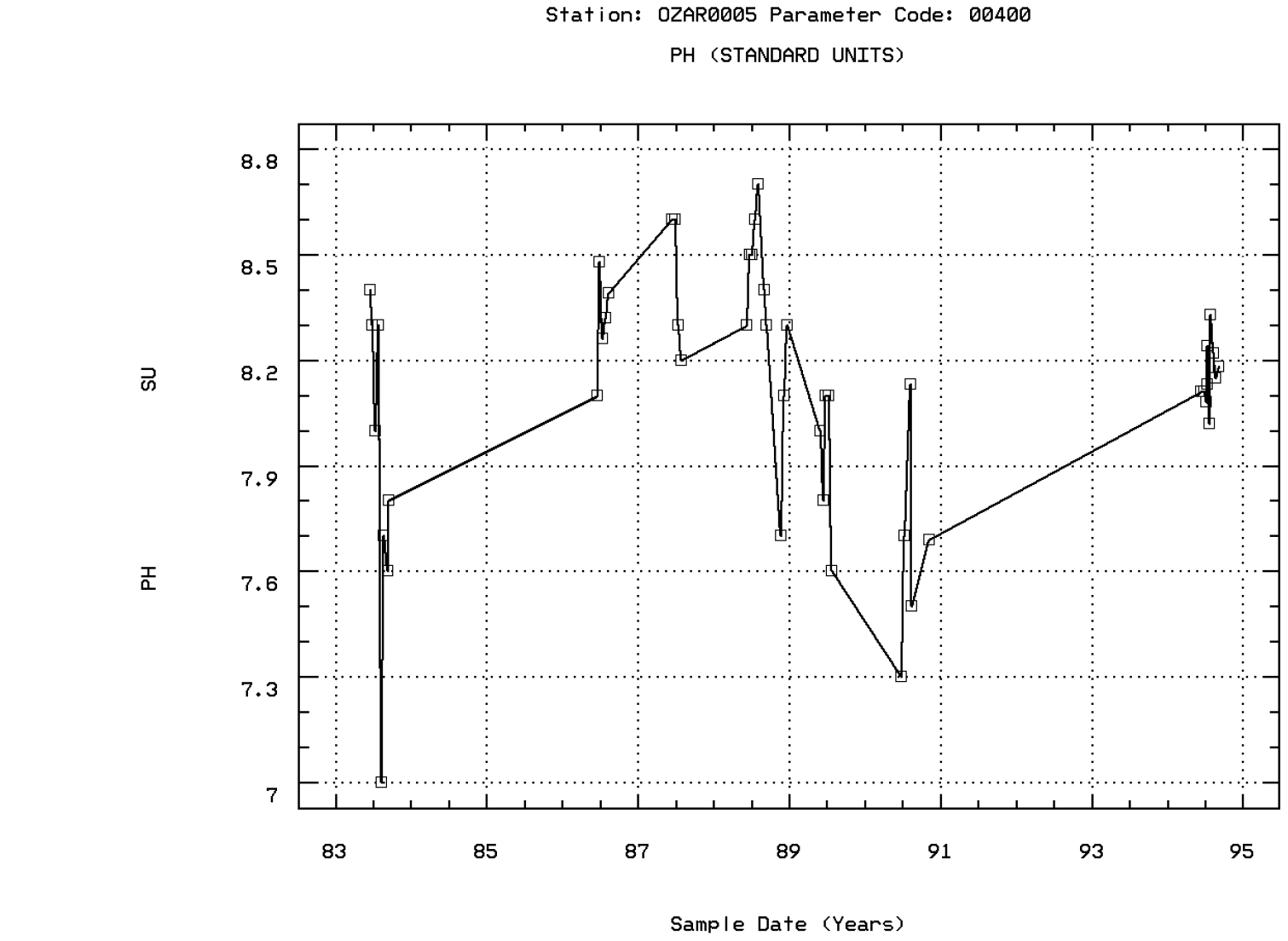
EPA Water Quality Criteria Analysis for Station: OZAR0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	4	0	0.00				6	0	0.00			
00400	PH	Other-Hi Lim.	9.	47	0	0.00	13	0	0.00	4	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	47	0	0.00	13	0	0.00	4	0	0.00	30	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	16	0	0.00	4	0	0.00	2	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00	4	0	0.00	2	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	3	0	0.00				5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	86	2	0.02	32	1	0.03	6	0	0.00	48	1	0.02			

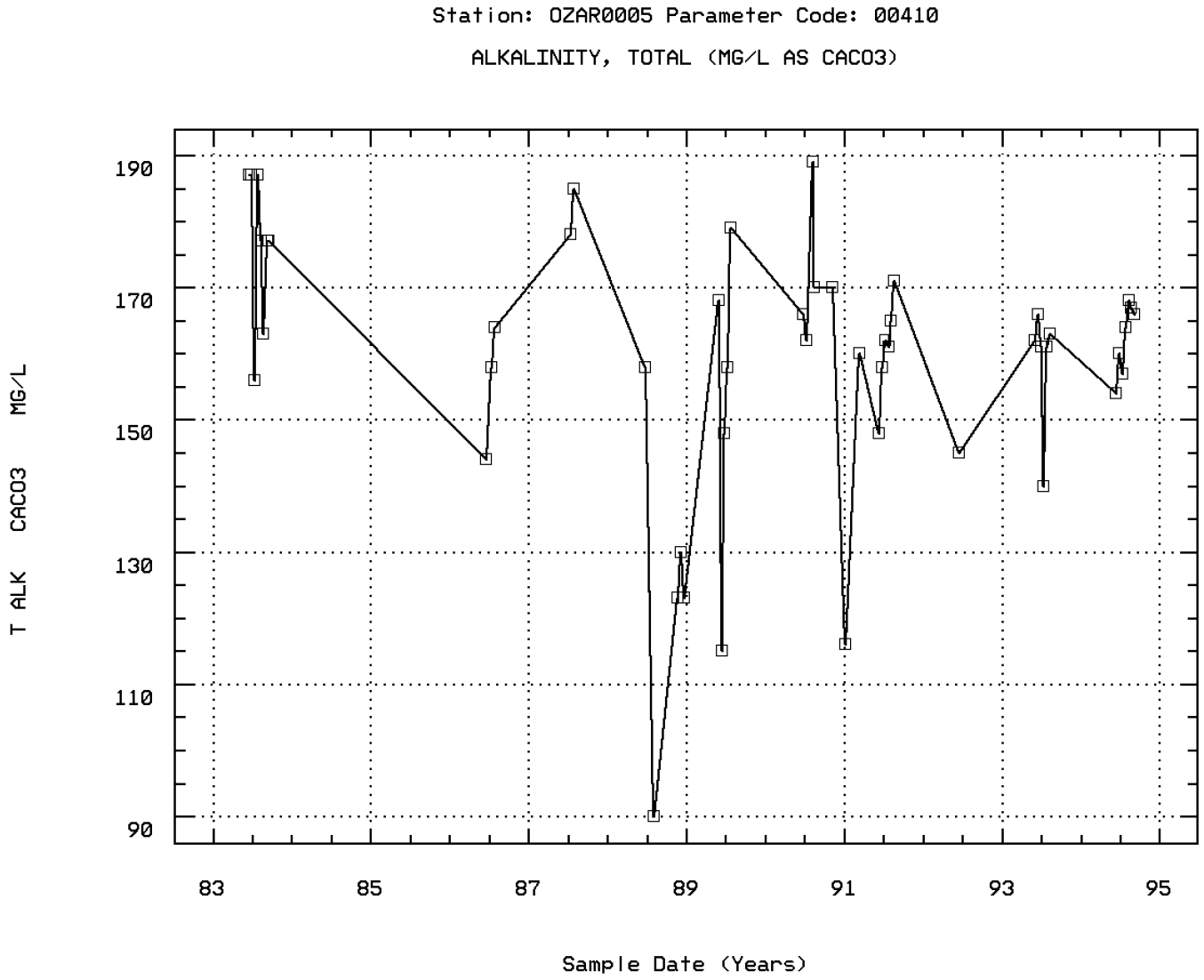
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



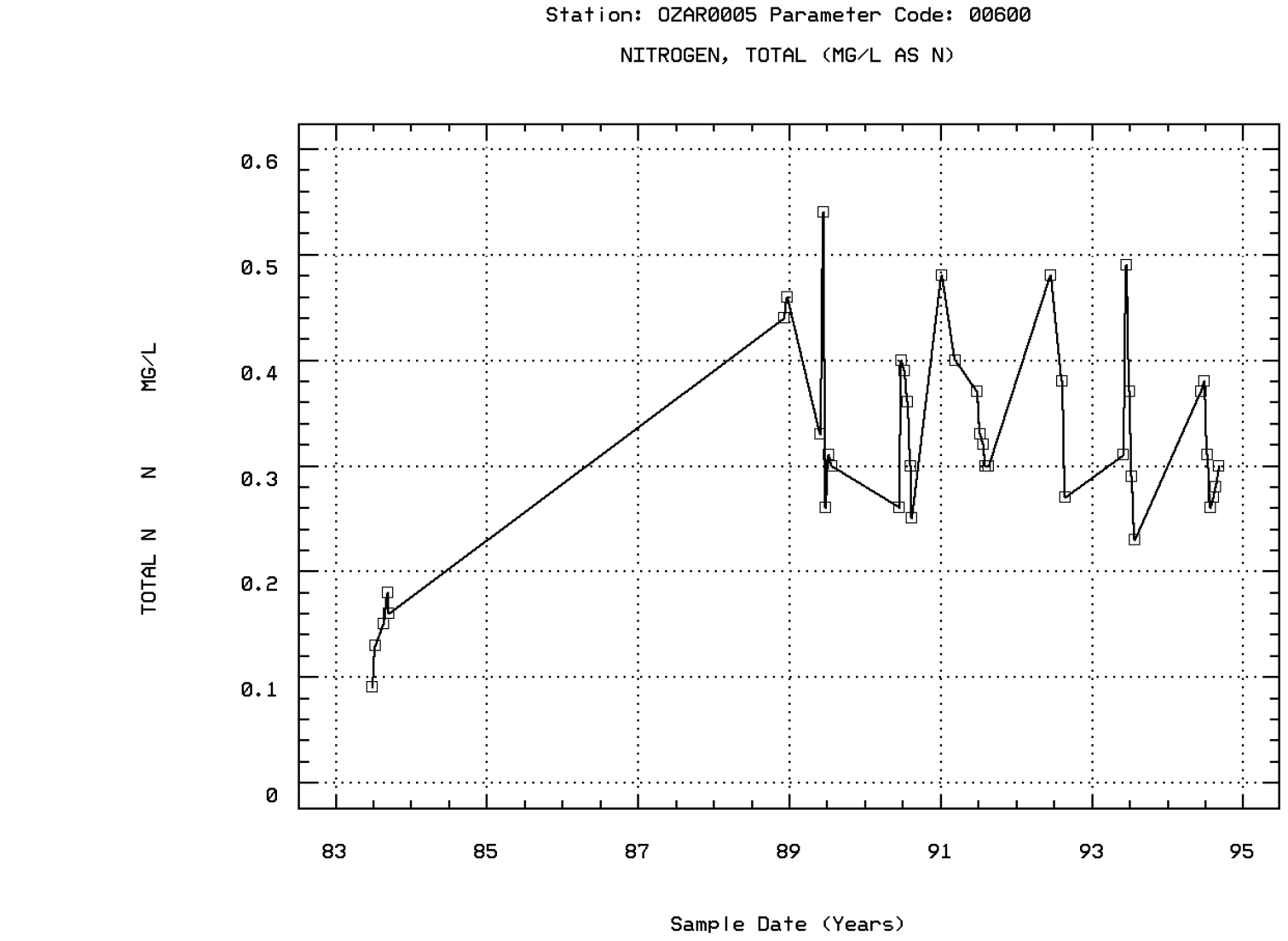
BIG SPRING - ACCESS



BIG SPRING - ACCESS



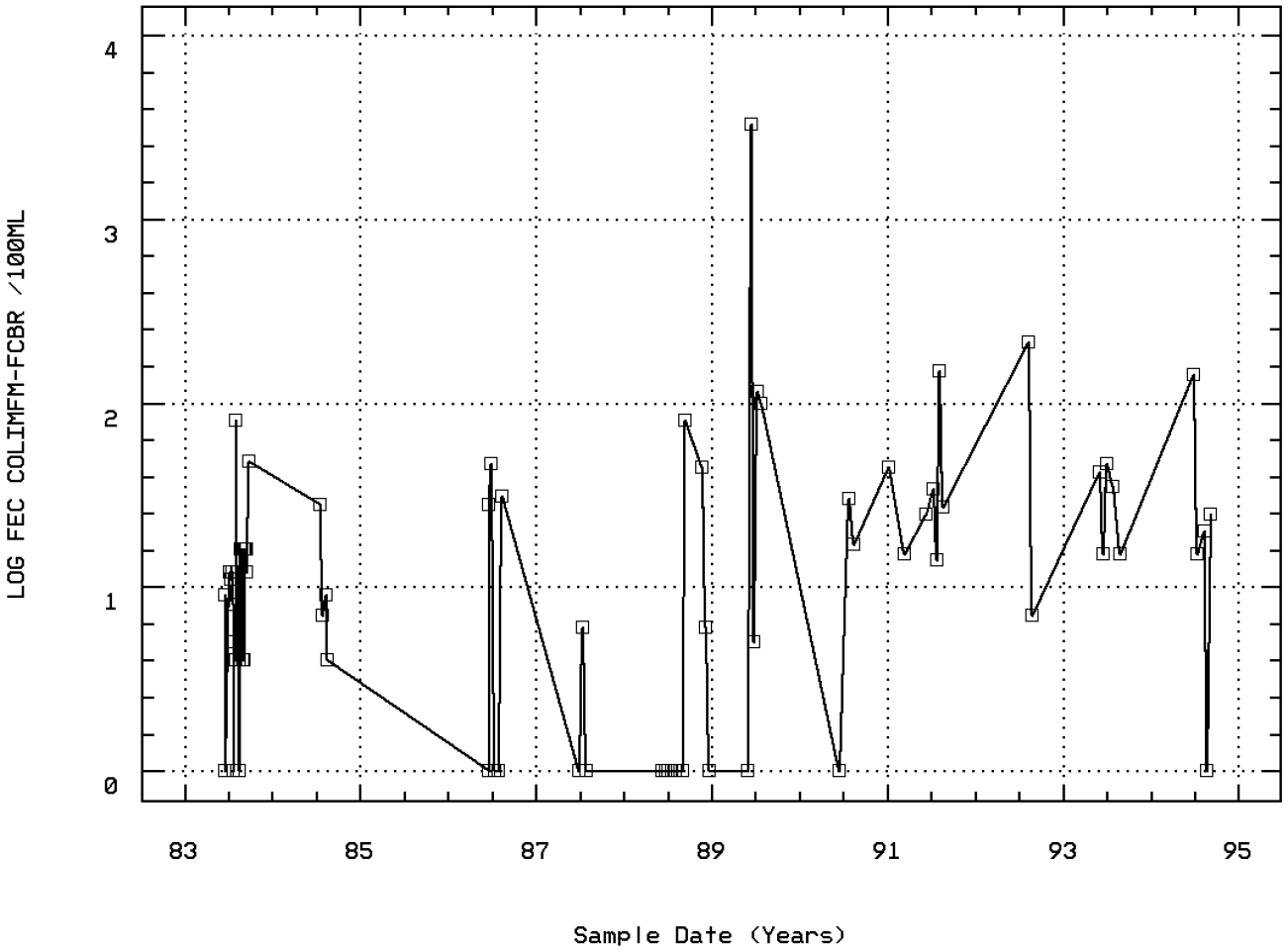
BIG SPRING - ACCESS



BIG SPRING - ACCESS

Station: OZAR0005 Parameter Code: 31616

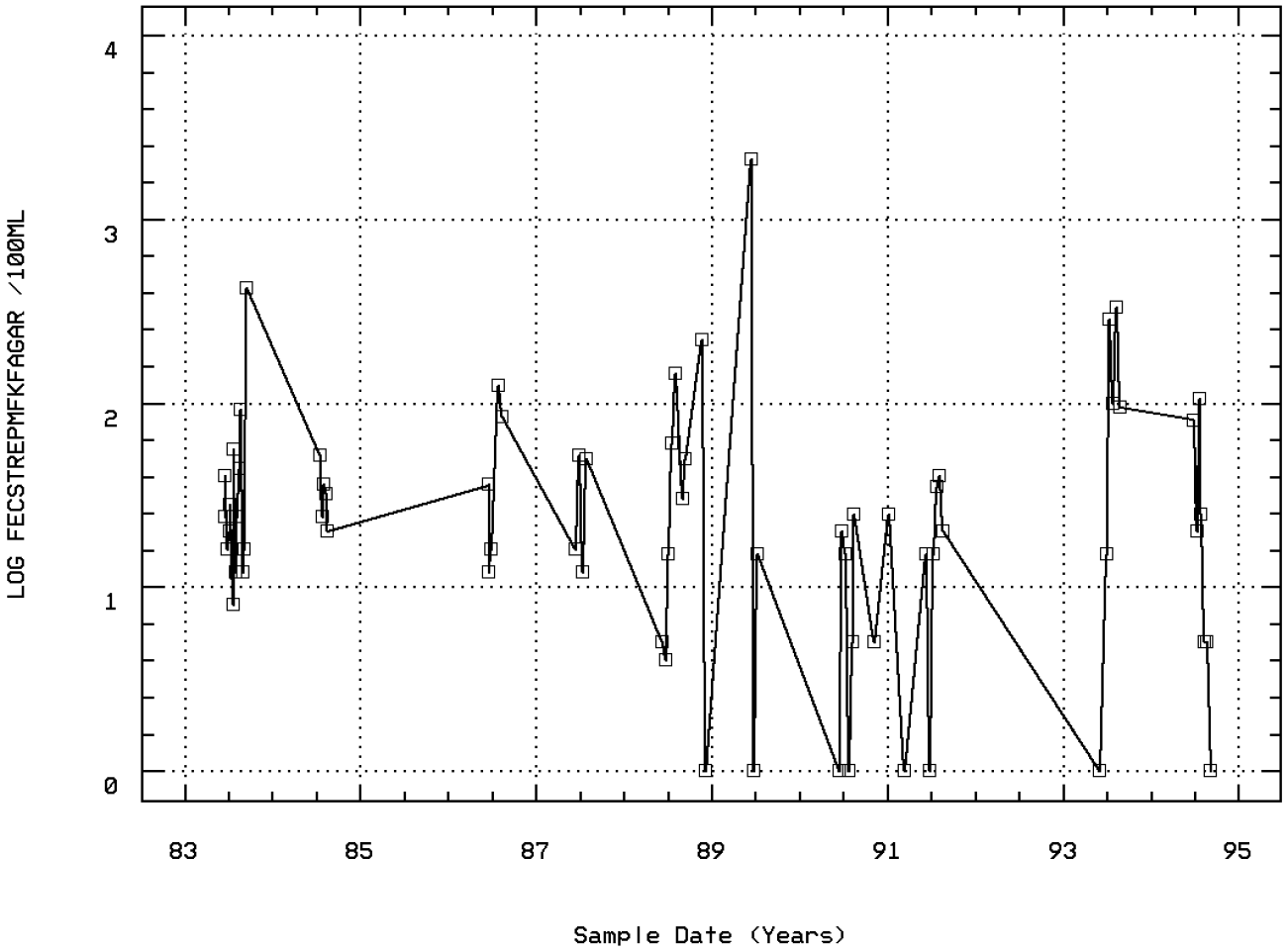
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



BIG SPRING - ACCESS

Station: OZAR0005 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



BIG SPRING - ACCESS

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/83-09/06/94	29	24.	23.776	26.7	18.3	4.171	2.042	21.6	22.	25.6	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/10/93	10	27.	27.57	33.	23.	11.005	3.317	23.	25.25	30.275	32.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	19	310.	296.	335.	225.	1309.111	36.182	235.	255.	325.	330.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	13	8.15	8.005	8.7	7.	0.213	0.461	7.2	7.65	8.345	8.58
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	13	8.15	7.743	8.7	7.	0.287	0.536	7.2	7.65	8.345	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	13	0.007	0.018	0.1	0.002	0.001	0.026	0.003	0.005	0.023	0.073
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	13	168.	164.846	189.	90.	559.641	23.657	119.2	164.	177.	184.2
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	12	0.275	0.262	0.38	0.15	0.005	0.067	0.153	0.198	0.3	0.356
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	9	0.007	0.008	0.011	0.005	0.	0.002	0.005	0.006	0.009	0.011
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	32	13.5	27.688	215.	0.	2088.157	45.696	0.	4.75	23.75	80.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	32	1.128	1.078	2.332	0.	0.345	0.588	0.	0.663	1.374	1.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.962								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	24	27.5	64.667	420.	0.	10542.754	102.678	5.	12.	75.5	237.5
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	24	1.438	1.437	2.623	0.	0.361	0.601	0.699	1.079	1.868	2.34
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			27.362								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/83-09/06/94	5	9.3	9.08	11.2	6.9	4.327	2.08	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/10/93	5	11.7	10.74	16.	2.7	24.633	4.963	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	6	260.	270.833	325.	230.	1264.167	35.555	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	4	7.9	7.948	8.3	7.69	0.092	0.303	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	4	7.855	7.875	8.3	7.69	0.099	0.314	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	4	0.014	0.013	0.02	0.005	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	6	126.5	137.	170.	116.	500.	22.361	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	4	0.45	0.445	0.48	0.4	0.001	0.034	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	3	0.006	0.006	0.008	0.005	0.	0.002	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	12.5	20.167	45.	0.	394.167	19.854	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	1.088	1.043	1.653	0.	0.384	0.62	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.052								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	5.	50.6	222.	0.	9283.3	96.35	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	0.699	0.889	2.346	0.	1.	1.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.738								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/83-09/06/94	48	24.	23.733	27.2	14.4	5.178	2.276	21.	23.	25.	26.12
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/10/93	25	29.	28.96	35.	23.	11.353	3.369	24.2	26.5	32.	33.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	37	300.	284.486	350.	185.	1414.868	37.615	217.	276.5	300.	316.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	30	8.22	8.179	8.6	7.3	0.09	0.299	7.71	8.065	8.348	8.59
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	30	8.22	8.056	8.6	7.3	0.105	0.325	7.71	8.065	8.347	8.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	30	0.006	0.009	0.05	0.003	0.	0.009	0.003	0.005	0.009	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	31	161.	161.258	187.	115.	230.065	15.168	144.2	156.	166.	186.6
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	24	0.325	0.328	0.54	0.09	0.01	0.101	0.18	0.268	0.378	0.485
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	25	0.008	0.009	0.034	0.004	0.	0.006	0.006	0.006	0.01	0.013
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	48	10.	86.604	3270.	0.	221073.776	470.185	0.	0.	27.25	52.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	48	1.	0.932	3.515	0.	0.548	0.74	0.	0.	1.435	1.705
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.545								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	44	16.	81.364	2125.	0.	101716.423	318.93	0.	10.	47.5	102.5

** - 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: 4/21 to 7/31 - Station OZAR0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	44	1.204	1.266	3.327	0.	0.433	0.658	0.	1.	1.675	2.011
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			18.446								

** - Less than 9 observations ## - Computed 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: OZAR0006

NPS Station ID: OZAR0006
LAT/LON: 36.945837/ -90.980004
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER BELOW BIG SPRING
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07067600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008020
RF1 Mile Point: 18.210
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008002014.88
RF3 Mile Point: 16.64
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/18/73	4	16.	15.75	19.	12.	10.917	3.304	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	1	2390.	2390.	2390.	2390.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-10/18/73	4	2585.	3412.5	6300.	2180.	3767425.	1940.986	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/06/73-08/02/73	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/18/73	4	303.	291.5	330.	230.	2109.667	45.931	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/06/73-10/18/73	4	9.4	9.4	9.8	9.	0.213	0.462	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/73-10/18/73	4	92.5	93.	96.	91.	6.	2.449	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/06/73-08/02/73	3	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00400	PH (STANDARD UNITS)	04/06/73-10/18/73	4	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/06/73-10/18/73	4	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-10/18/73	4	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/73-10/18/73	4	4.9	4.675	5.3	3.6	0.576	0.759	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-10/18/73	4	158.5	151.25	171.	117.	593.583	24.364	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-10/18/73	4	193.	184.	208.	142.	888.	29.799	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-10/18/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	3	0.51	0.483	0.52	0.42	0.003	0.055	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/06/73-10/18/73	4	0.115	0.095	0.15	0.	0.004	0.066	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/18/73	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/06/73-10/18/73	4	0.35	0.348	0.38	0.31	0.001	0.03	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/18/73	4	0.12	0.113	0.16	0.05	0.002	0.046	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/18/73	3	0.36	0.35	0.38	0.31	0.001	0.036	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/18/73	4	0.03	0.033	0.06	0.01	0.	0.022	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/73-10/18/73	4 ##	0.005	0.014	0.04	0.005	0.	0.018	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/73-08/02/73	2	140.	140.	160.	120.	800.	28.284	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/73-08/02/73	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/73-08/02/73	2	29.5	29.5	33.	26.	24.5	4.95	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/73-08/02/73	2	16.	16.	19.	13.	18.	4.243	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/73-08/02/73	2	1.5	1.5	1.9	1.1	0.32	0.566	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/06/73-08/02/73	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	04/06/73-08/02/73	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/06/73-08/02/73	2	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/06/73-08/02/73	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/06/73-08/02/73	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/06/73-08/02/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/73-08/02/73	2	7.45	7.45	7.9	7.	0.405	0.636	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/06/73-08/02/73	2 ##	87.5	87.5	170.	5.	13612.5	116.673	**	**	**	**

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

Parameter Inventory for Station: OZAR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/06/73-08/02/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/06/73-04/06/73	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/06/73-04/06/73	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			460.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-10/18/73	4	10.	9.25	10.	7.	2.25	1.5	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-10/18/73	4	1.	0.961	1.	0.845	0.006	0.077	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.147								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/06/73-10/18/73	4	39.	44.5	82.	18.	723.667	26.901	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/06/73-10/18/73	4	1.591	1.588	1.914	1.255	0.072	0.269	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			38.702								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/06/73-08/02/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/06/73-08/02/73	2	149.	149.	167.	131.	648.	25.456	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/73-08/02/73	2	147.	147.	168.	126.	882.	29.698	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/06/73-08/02/73	2	1606.5	1606.5	2230.	983.	777504.5	881.762	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/06/73-08/02/73	2	0.205	0.205	0.23	0.18	0.001	0.035	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/18/73	3	2.3	2.167	2.3	1.9	0.053	0.231	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: OZAR0006

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: OZAR0007

NPS Station ID: OZAR0007 LAT/LON: 36.963726/ -90.980782 Agency: 21MO0001 Date Created: 10/06/84
Location: T27N, R1E, SEC.32, SW 1/4, PEAVINE CAMPGROUND FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008020B
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: CURRENT RIVER ECO Region:
RF1 Index: 11010008020 RF1 Mile Point: 19.650 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008166900.00 RF3 Mile Point: 1.72 Distance from RF3: 0.12 On/Off RF3:
Description:
COUNTY: CARTER ESTABLISHED FOR: CURRENT RIVER WATER QUAITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/18/73-10/18/73	1	57.2	57.2	57.2	57.2	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/18/73-10/18/73	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	1	1930.	1930.	1930.	1930.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/73-10/18/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/73-10/18/73	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/73-10/18/73	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	1	160.	160.	160.	160.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	1	2.204	2.204	2.204	2.204	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			160.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/73-10/18/73	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: OZAR0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0008

NPS Station ID: OZAR0008 LAT/LON: 36.943477/ -90.980560 Agency: 21MO0001 Date Created: 10/06/84
Location: T26N, R1E, SEC.5, SW 1/4, CARTER CNTY ROUTE Z FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008020D
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: CURRENT RIVER ECO Region:
RF1 Index: 11010008020 RF1 Mile Point: 18.210 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008047300.12 RF3 Mile Point: 0.11 Distance from RF3: 0.00 On/Off RF3:
Description:
COUNTY: CARTER ESTABLISHED FOR: CURRENT RIVER WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/18/73-10/18/73	1	57.2	57.2	57.2	57.2	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/18/73-10/18/73	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	1	1940.	1940.	1940.	1940.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	321.	321.	321.	321.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/73-10/18/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/73-10/18/73	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/73-10/18/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	1	1.114	1.114	1.114	1.114	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	1	62.	62.	62.	62.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	1	1.792	1.792	1.792	1.792	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			62.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/73-10/18/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: OZAR0008

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-4/20----------			----------4/21-7/31----------			--------------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									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0009

NPS Station ID: OZAR0009
LAT/LON: 36.960004/ -90.983616
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER BELOW VAN BUREN, MO
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07067300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008020
RF1 Mile Point: 19.410
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008005200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/18/73	4	17.25	16.875	21.	12.	20.729	4.553	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	1	1940.	1940.	1940.	1940.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/18/73	4	2065.	2805.	5440.	1650.	3134566.667	1770.471	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-08/02/73	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/18/73	4	300.	290.25	321.	240.	1222.917	34.97	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/05/73-10/18/73	4	9.2	9.375	10.4	8.7	0.629	0.793	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-10/18/73	4	94.	93.75	97.	90.	10.917	3.304	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/05/73-08/02/73	3	5.	7.333	17.	0.	76.333	8.737	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/73-10/18/73	4	8.05	8.05	8.1	8.	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/05/73-10/18/73	4	8.047	8.047	8.1	8.	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-10/18/73	4	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-10/18/73	4	2.45	2.575	3.1	2.3	0.143	0.377	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-10/18/73	4	154.	148.75	167.	120.	410.917	20.271	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-10/18/73	4	188.	181.5	204.	146.	627.667	25.053	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/05/73-10/18/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	3	0.46	0.497	0.62	0.41	0.012	0.11	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-10/18/73	4	0.125	0.113	0.2	0.	0.007	0.085	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/18/73	4 ##	0.008	0.015	0.04	0.005	0.	0.017	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-10/18/73	4	0.315	0.328	0.38	0.3	0.001	0.036	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/18/73	4	0.13	0.138	0.24	0.05	0.007	0.082	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/18/73	3	0.31	0.33	0.38	0.3	0.002	0.044	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/18/73	4	0.019	0.023	0.05	0.005	0.	0.021	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-10/18/73	4 ##	0.005	0.009	0.02	0.004	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-08/02/73	2	140.	140.	160.	120.	800.	28.284	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-08/02/73	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-08/02/73	2	29.	29.	33.	25.	32.	5.657	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-08/02/73	2	16.5	16.5	19.	14.	12.5	3.536	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-08/02/73	2	1.75	1.75	1.8	1.7	0.005	0.071	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/05/73-08/02/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/05/73-08/02/73	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-08/02/73	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-08/02/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-08/02/73	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-08/02/73	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-08/02/73	2	7.45	7.45	7.8	7.1	0.245	0.495	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-08/02/73	2	95.	95.	170.	20.	11250.	106.066	**	**	**	**

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

Parameter Inventory for Station: OZAR0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-08/02/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	1	72.	72.	72.	72.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/05/73-04/05/73	1	1.857	1.857	1.857	1.857	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			72.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-10/18/73	4	6.5	7.	13.	2.	22.	4.69	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-10/18/73	4	0.801	0.754	1.114	0.301	0.12	0.346	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.679								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-10/18/73	4	46.	41.75	62.	13.	434.917	20.855	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/05/73-10/18/73	4	1.661	1.557	1.792	1.114	0.092	0.303	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			36.069								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-08/02/73	2	0.03	0.03	0.06	0.	0.002	0.042	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-08/02/73	2	153.	153.	178.	128.	1250.	35.355	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-08/02/73	2	146.5	146.5	164.	129.	612.5	24.749	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-08/02/73	2	1336.5	1336.5	1880.	793.	590784.5	768.625	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-08/02/73	2	0.205	0.205	0.24	0.17	0.002	0.049	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/18/73	3	2.	2.167	2.7	1.8	0.223	0.473	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: OZAR0010

NPS Station ID: OZAR0010
LAT/LON: 36.951281/ -90.992004
Agency: 21MO0001
Date Created: 10/06/84
Location: T26N, R1E, SEC. 6, CENTER, SPRING BRANCH
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11010008020C
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: WHITE RIVER
Elevation: 0
Water Body Id:
Minor Basin: CURRENT RIVER
ECO Region:
RF1 Index: 11010008020
RF1 Mile Point: 18.600
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 11010008002019.52
RF3 Mile Point: 20.07
Distance from RF3: 0.07
On/Off RF3:
Description:
COUNTY: CARTER ESTABLISHED FOR: BIG SPRINGS WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION SOME LIMNOLOGICAL CHARACTERISTICS OF SIX OZARK STREAMS BY HUGH F. CLIFFORD.

Parameter Inventory for Station: OZAR0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/28/61-10/18/73	8	58.5	60.65	71.	54.	30.066	5.483	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/18/73-10/18/73	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	1	441.	441.	441.	441.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/28/61-11/07/61	7	2.	2.714	6.	1.	3.238	1.799	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/61-10/18/73	8	311.5	279.625	348.	154.	5731.696	75.708	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/61-10/18/73	5	7.7	7.68	7.9	7.4	0.032	0.179	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/61-10/18/73	5	7.7	7.649	7.9	7.4	0.033	0.182	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/61-10/18/73	5	0.02	0.022	0.04	0.013	0.	0.01	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/20/61-11/07/61	4	5.75	6.125	9.	4.	4.396	2.097	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/28/61-11/07/61	7	160.	159.143	192.	120.	871.81	29.526	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/73-10/18/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/73-10/18/73	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/61-11/07/61	6	0.	0.001	0.002	0.	0.	0.001	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/61-10/18/73	7	0.006	0.019	0.1	0.002	0.001	0.036	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/28/61-11/07/61	7	7.6	7.629	9.	6.5	0.622	0.789	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	1	32.	32.	32.	32.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	1	1.505	1.505	1.505	1.505	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			32.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/73-10/18/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/25/61-11/07/61	6	0.2	0.233	0.4	0.1	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 time series plot

EPA Water Quality Criteria Analysis for Station: OZAR0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			

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

Station Inventory for Station: OZAR0011

NPS Station ID: OZAR0011
LAT/LON: 36.951392/ -90.993338
Agency: 112WRD
Date Created: 02/17/78
Location: BIG SPRING NEAR VAN BUREN MO
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 07067500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008002002.78
RF3 Mile Point: 3.57
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-03/15/94	44	14.	14.214	16.	13.	0.364	0.604	13.5	14.	14.5	15.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-03/15/94	23	777.	777.261	791.	760.	48.929	6.995	768.8	773.	781.	789.
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-05/03/77	2	455.5	455.5	470.	441.	420.5	20.506	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-03/15/94	42	425.	490.643	994.	321.	25390.04	159.343	328.6	383.75	552.5	759.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/12/90-09/10/91	3	0.6	0.867	1.6	0.4	0.413	0.643	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/06/73-08/02/73	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-03/15/94	44	315.5	307.182	368.	210.	1848.617	42.996	244.	273.	344.5	354.5
00300p	OXYGEN, DISSOLVED MG/L	04/06/73-03/15/94	44	9.	8.982	11.8	8.	0.502	0.709	8.1	8.425	9.275	9.75
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/73-06/30/82	16	86.5	85.688	91.	79.	12.629	3.554	80.4	82.25	88.75	90.3
00335	COD, .025N K2CR2O7 MG/L	04/06/73-08/02/73	3	4.	3.333	6.	0.	9.333	3.055	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	01/05/94-01/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	04/06/73-03/15/94	44	7.4	7.376	7.9	6.7	0.056	0.237	7.	7.3	7.5	7.6
00400p	CONVERTED PH (STANDARD UNITS)	04/06/73-03/15/94	44	7.4	7.304	7.9	6.7	0.061	0.248	7.	7.3	7.5	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-03/15/94	44	0.04	0.05	0.2	0.013	0.001	0.036	0.025	0.032	0.05	0.1
00403	PH, LAB, STANDARD UNITS SU	09/12/90-01/05/94	6	7.8	7.867	8.3	7.7	0.055	0.234	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/12/90-01/05/94	6	7.789	7.824	8.3	7.7	0.057	0.239	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/90-01/05/94	6	0.016	0.015	0.02	0.005	0.	0.006	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/73-09/23/81	15	12.	12.887	21.	8.9	11.227	3.351	9.08	9.6	14.	19.2
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-03/15/94	41	180.	165.902	226.	97.	858.39	29.298	116.6	142.5	188.5	195.2
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/08/86-03/15/94	19	185.	178.368	232.	144.	477.135	21.843	145.	154.	192.	194.
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	21	218.	198.905	240.	118.	1600.79	40.01	131.2	161.	228.5	239.4
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/08/86-03/15/94	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/08/86-03/15/94	20	223.5	216.25	283.	176.	718.724	26.809	177.6	187.25	233.25	237.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/94-01/05/94	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-06/30/82	13	0.57	0.702	1.4	0.28	0.115	0.339	0.348	0.47	0.995	1.32
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/06/73-09/23/81	14	0.115	0.207	0.96	0.	0.068	0.26	0.005	0.03	0.283	0.72
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/12/90-08/11/93	6 ##	0.008	0.009	0.02	0.005	0.	0.006	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-03/15/94	36	0.01	0.018	0.09	0.005	0.	0.021	0.005	0.005	0.02	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/12/90-08/11/93	6 ##	0.005	0.011	0.04	0.005	0.	0.014	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-03/15/94	36 ##	0.005	0.007	0.02	0.	0.	0.005	0.005	0.005	0.009	0.013
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/06/73-09/23/81	14	0.4	0.416	0.78	0.27	0.016	0.125	0.275	0.34	0.463	0.63
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/12/90-08/11/93	5 ##	0.1	0.18	0.3	0.1	0.012	0.11	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-03/15/94	38	0.105	0.228	0.97	0.03	0.044	0.209	0.095	0.1	0.3	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-03/15/94	36	0.4	0.455	2.3	0.28	0.109	0.33	0.3	0.355	0.445	0.503
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/90-08/11/93	6	0.4	0.417	0.5	0.3	0.006	0.075	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/17/79-05/17/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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Parameter Inventory for Station: OZAR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-03/15/94	38	0.01	0.02	0.14	0.005	0.001	0.027	0.005	0.005	0.02	0.043
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/73-08/11/93	9 ##	0.005	0.007	0.02	0.004	0.	0.005	0.004	0.005	0.008	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/90-08/11/93	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/90-08/11/93	5	0.5	0.44	0.6	0.2	0.023	0.152	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/73-09/06/79	3	110.	96.667	180.	0.	8233.333	90.738	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/73-09/06/79	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/73-01/05/94	8	36.5	35.25	41.	22.	41.071	6.409	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/73-01/05/94	8	21.	19.875	23.	13.	11.839	3.441	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/73-01/05/94	8	1.4	1.425	1.6	1.2	0.019	0.139	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/06/73-08/02/73	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	04/06/73-08/02/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/06/73-01/05/94	8	0.7	0.775	0.9	0.7	0.011	0.104	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/06/73-01/05/94	8	2.5	2.625	4.	1.	1.125	1.061	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/06/73-01/05/94	8	2.	3.225	11.	0.8	10.348	3.217	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/06/73-01/05/94	8 ##	0.05	0.063	0.1	0.05	0.001	0.023	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/73-08/11/93	7	8.3	8.214	8.7	7.6	0.115	0.339	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/12/90-08/11/93	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/12/90-08/11/93	5	27.	27.	28.	26.	1.	1.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/12/90-08/11/93	5 ##	0.25	1.2	5.	0.25	4.512	2.124	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/12/90-01/05/94	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/76-01/05/94	30 ##	0.5	1.2	10.	0.	4.786	2.188	0.	0.5	1.	2.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/12/90-08/11/93	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/12/90-08/11/93	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/12/90-01/05/94	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/06/73-01/05/94	8	4.	26.875	170.	1.5	3384.054	58.173	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/12/90-01/05/94	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/22/76-01/05/94	30	2.5	11.217	100.	0.5	607.046	24.638	0.5	1.	7.	34.9
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/06/73-01/05/94	8 ##	0.5	3.5	20.	0.5	46.929	6.85	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/12/90-08/11/93	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/12/90-08/11/93	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/12/90-08/11/93	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/20/93	30 ##	0.5	0.767	10.	0.	3.151	1.775	0.	0.	0.5	1.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/12/90-08/11/93	5	28.	27.8	29.	26.	1.2	1.095	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/12/90-08/11/93	5 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/12/90-01/05/94	6 ##	5.	4.75	10.	1.5	9.175	3.029	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/22/76-01/05/94	31 ##	10.	27.645	320.	0.	3591.237	59.927	5.	5.	20.	64.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/05/94-01/05/94	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/12/90-01/05/94	6 ##	7.5	7.5	10.	5.	7.5	2.739	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/12/90-08/11/93	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/12/90-08/11/93	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/06/73-04/06/73	1	120.	120.	120.	120.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/06/73-04/06/73	1	2.079	2.079	2.079	2.079	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			120.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-09/22/76	5	10.	12.5	26.	0.5	91.25	9.552	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-09/22/76	5	1.	0.86	1.415	-0.301	0.455	0.675	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.24								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-03/15/94	33	5.	26.591	580.	0.	9983.585	99.918	0.5	1.	19.	32.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-03/15/94	33	0.699	0.672	2.763	-0.301	0.525	0.724	-0.301	0.	1.278	1.505
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.7								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-03/15/94	31	9.	119.768	2100.	0.	156212.472	395.237	0.34	1.	39.	383.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-03/15/94	31	0.954	0.946	3.322	-0.523	0.957	0.978	-0.479	0.	1.591	2.506
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			8.823								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/06/73-09/22/76	5	32.	54.3	180.	0.5	5225.7	72.289	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/06/73-09/22/76	5	1.505	1.252	2.255	-0.301	0.914	0.956	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			17.854								
34792	ALUMINUM,BEDLOAD SEDIMENT,DRY SIEVE DIAM	09/12/90-09/12/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
34802	ARSENIC, BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34807	BARIUM, BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	380.	380.	380.	380.	0.	0.	**	**	**	**
34812	BERYLLIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34817	BISMUTH,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34827	CADMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34832	CALCIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34837	CERIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	66.	66.	66.	66.	0.	0.	**	**	**	**

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Parameter Inventory for Station: OZAR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34842	COBALT,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	49.	49.	49.	49.	0.	0.	**	**	**	**
34847	CHROMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	14.	14.	14.	14.	0.	0.	**	**	**	**
34852	COPPER,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
34857	EUROPIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34862	GALLIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
34872	GOLD,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34877	HOLMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34882	IRON,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34887	LANTHANUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	35.	35.	35.	35.	0.	0.	**	**	**	**
34892	LEAD,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
34897	LITHIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
34902	MAGNESIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34907	MANGANESE,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
34917	MOLYBDENUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34922	NEODYMIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
34927	NICKEL,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
34932	NIOBIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34937	PHOSPHORUS,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
34942	POTASSIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34947	SCANDIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34957	SILVER,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34962	SODIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34967	STRONTIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	49.	49.	49.	49.	0.	0.	**	**	**	**
34977	TANTALUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34982	THORIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
34987	TIN,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
34992	TITANIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
35002	URANIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
35007	VANADIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	41.	41.	41.	41.	0.	0.	**	**	**	**
35012	YTTRIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	16.	16.	16.	16.	0.	0.	**	**	**	**
35017	YTTERBIUM,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
35022	ZINC,BEDLOAD SED,DRY SIEVE DIAM	09/12/90-09/12/90	1	56.	56.	56.	56.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/06/73-08/02/73	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	01/05/94-01/05/94	1	154.	154.	154.	154.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/06/73-01/05/94	8	171.	166.	188.	118.	552.286	23.501	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/73-08/02/73	2	146.	146.	180.	112.	2312.	48.083	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/06/73-08/02/73	2	264.	264.	271.	257.	98.	9.899	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/06/73-08/02/73	2	0.205	0.205	0.25	0.16	0.004	0.064	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-03/15/94	7	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/17/79-08/28/80	4	0.025	0.113	0.4	0.	0.037	0.192	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/17/79-05/17/84	10	0.03	0.085	0.43	0.03	0.016	0.125	0.03	0.03	0.075	0.399
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-06/30/82	15	2.7	3.693	12.	1.2	7.208	2.685	1.68	2.1	4.4	8.52
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/12/90-08/11/93	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/05/94-01/05/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: OZAR0011

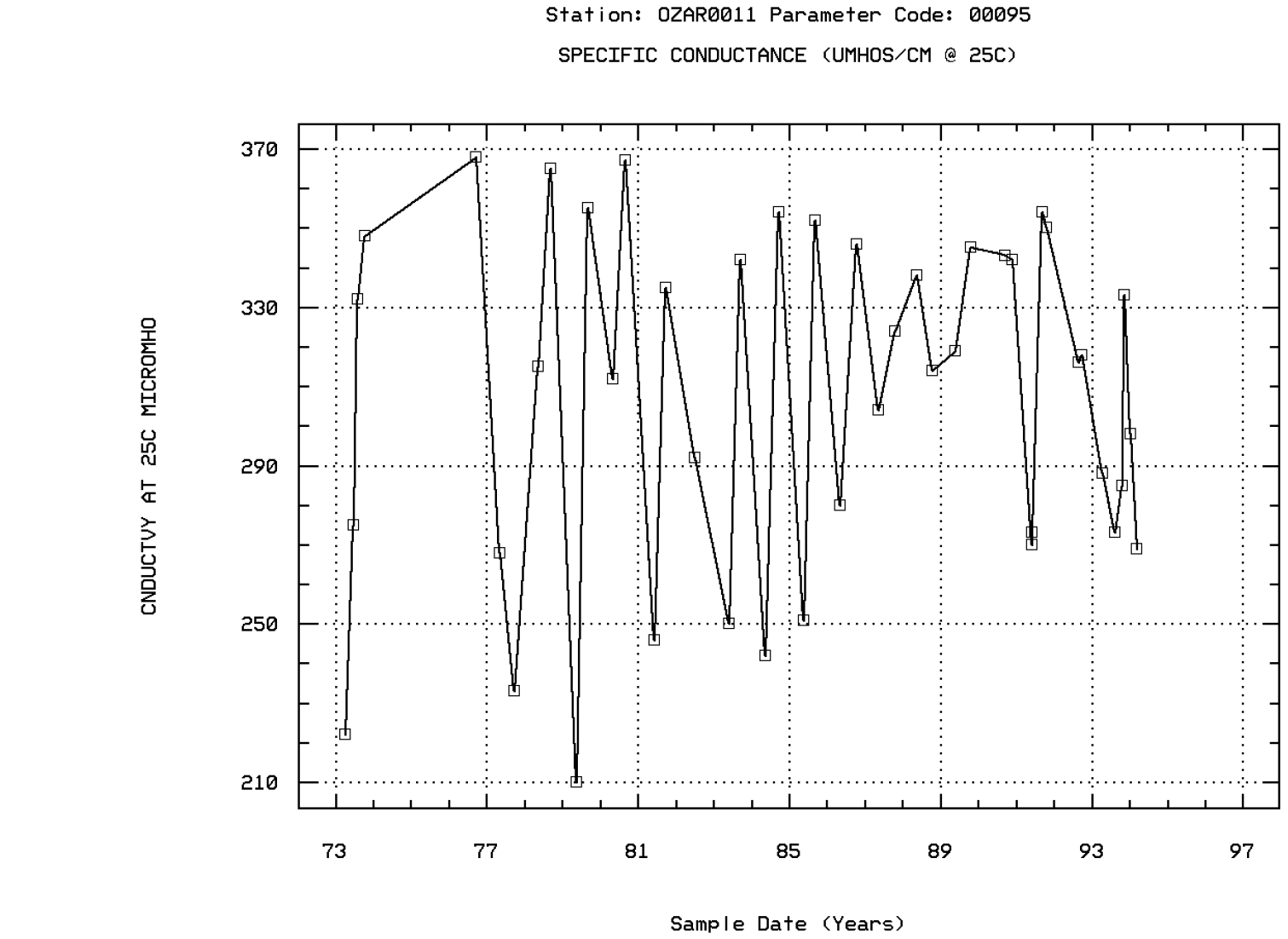
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	44	0	0.00	22	0	0.00	6	0	0.00	16	0	0.00			
00400	PH	Other-Hi Lim.	9.	44	0	0.00	22	0	0.00	6	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	44	0	0.00	22	0	0.00	6	0	0.00	16	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	36	0	0.00	17	0	0.00	4	0	0.00	15	0	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: OZAR0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	8	0	0.00	1	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	36	0	0.00	17	0	0.00	4	0	0.00	15	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	8	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	50.	5	0	0.00	4	0	0.00				1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	5	0	0.00	4	0	0.00				1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	4.	4 &	0	0.00	3	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	29 &	1	0.03	12	0	0.00	3	0	0.00	14	1	0.07			
		Drinking Water	5.	29 &	1	0.03	12	0	0.00	3	0	0.00	14	1	0.07			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	5	0	0.00	4	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1300.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	15.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	29 &	1	0.03	12	0	0.00	3	0	0.00	14	1	0.07			
		Drinking Water	15.	29 &	3	0.10	12	0	0.00	3	0	0.00	14	3	0.21			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	100.	5	0	0.00	4	0	0.00				1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	100.	5	0	0.00	4	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	29 &	0	0.00	13	0	0.00	2	0	0.00	14	0	0.00			
		Drinking Water	100.	30	0	0.00	14	0	0.00	2	0	0.00	14	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5000.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	31	2	0.06	14	2	0.14	3	0	0.00	14	0	0.00			
		Drinking Water	5000.	31	0	0.00	14	0	0.00	3	0	0.00	14	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	50.	5	0	0.00	4	0	0.00				1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	33	1	0.03	14	1	0.07	5	0	0.00	14	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	2.	5	0	0.00	4	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						

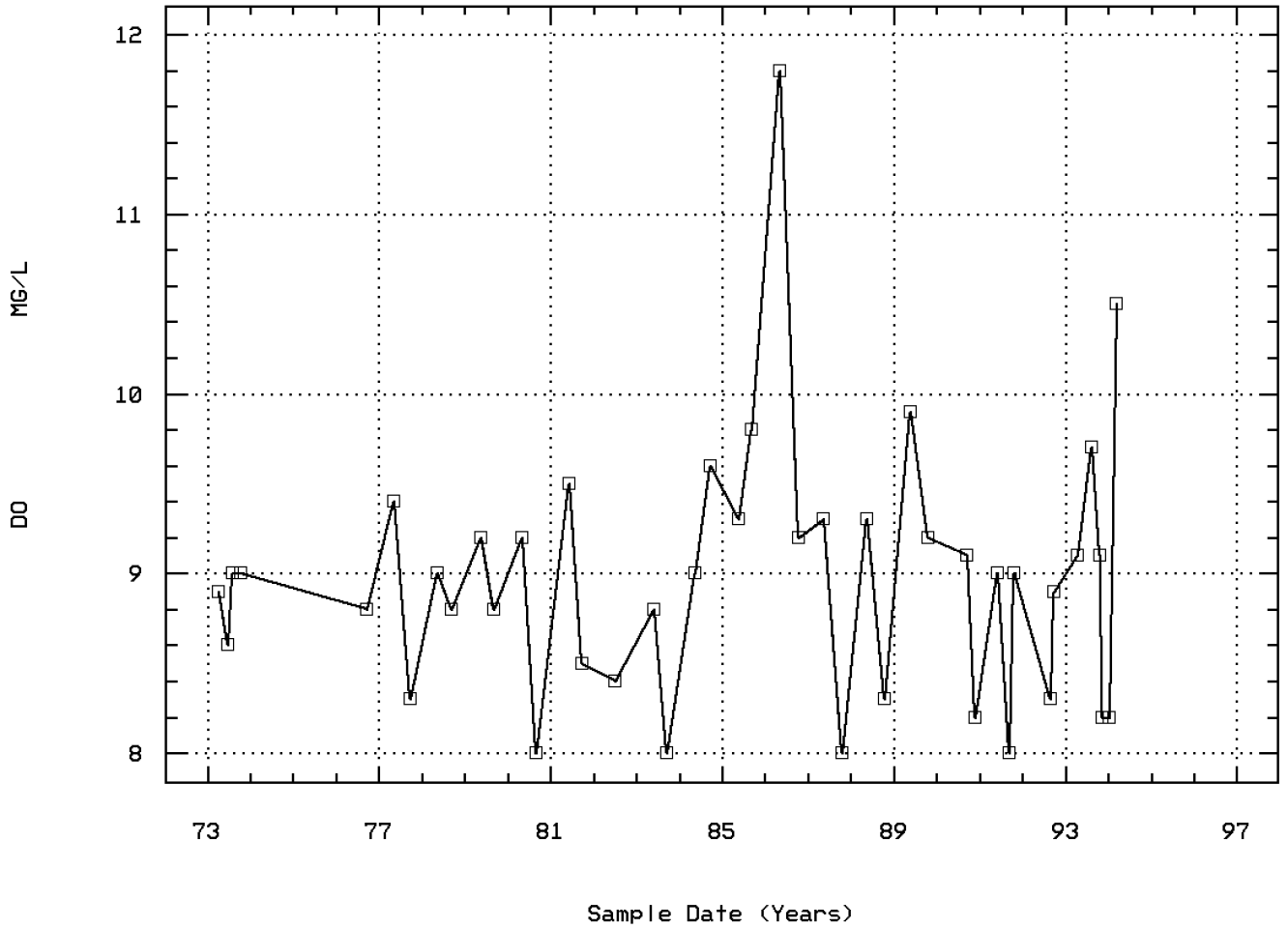
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



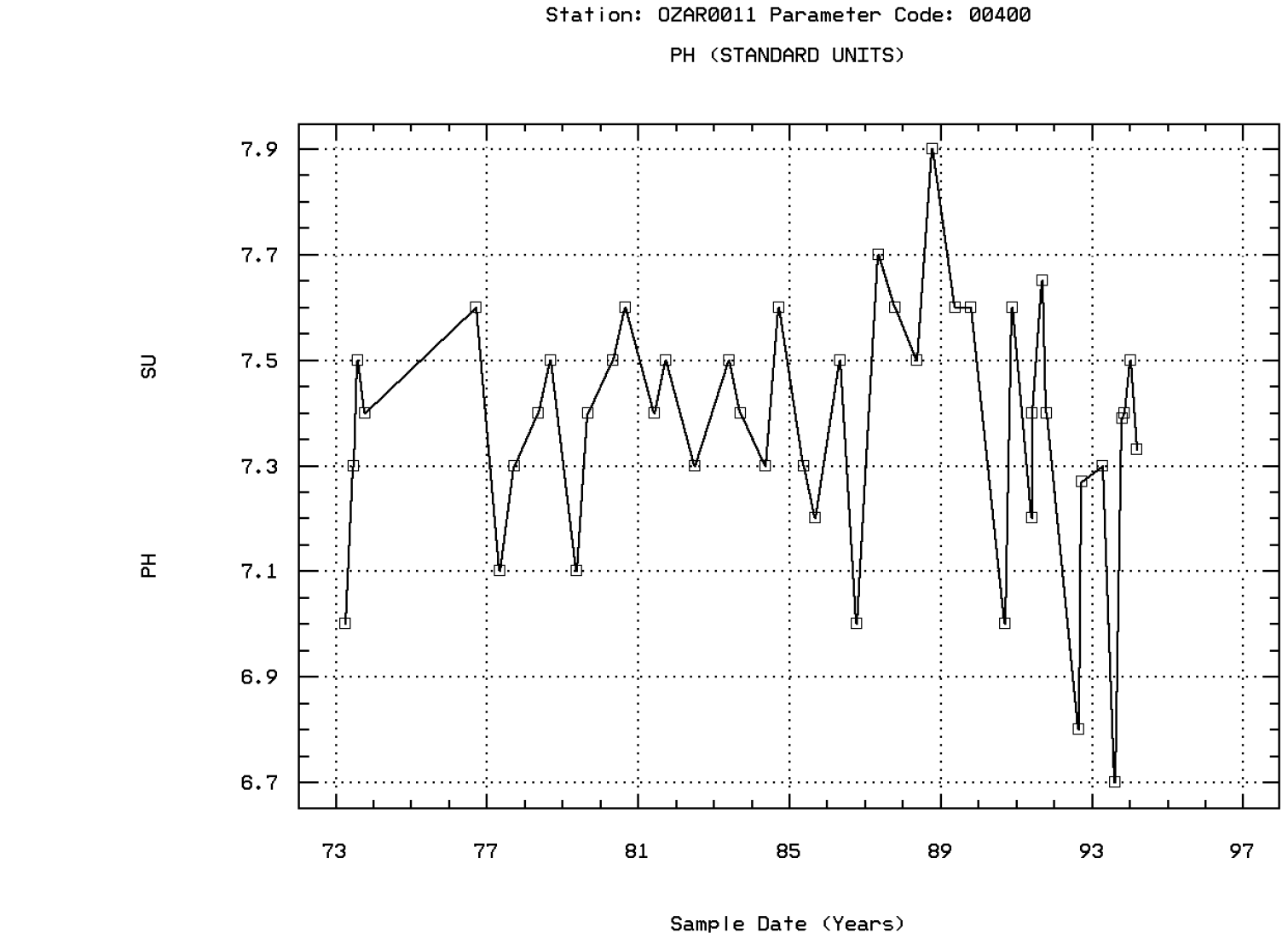
BIG SPRING NEAR VAN BUREN MO

Station: OZAR0011 Parameter Code: 00300

OXYGEN, DISSOLVED



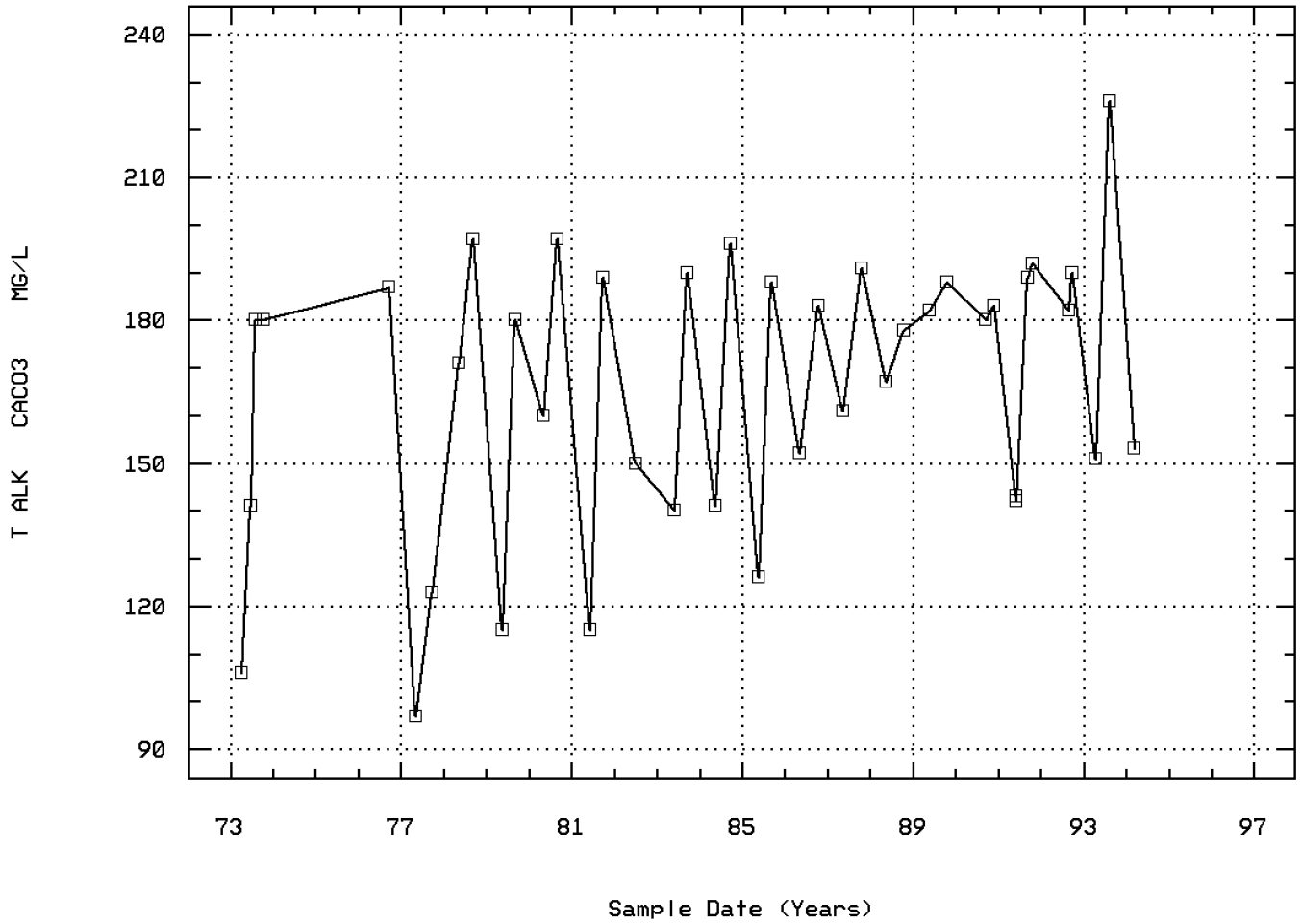
BIG SPRING NEAR VAN BUREN MO



BIG SPRING NEAR VAN BUREN MO

Station: OZAR0011 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



BIG SPRING NEAR VAN BUREN MO

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	11	228.	221.091	240.	150.	622.491	24.95	163.6	220.	237.	240.
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/20/93	14 ##	0.5	1.107	10.	0.	6.661	2.581	0.	0.	0.625	5.5

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	1	129.	129.	129.	129.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/20/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	9	190.	179.556	227.	118.	1515.028	38.923	118.	140.	212.	227.
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/20/93	14 ##	0.5	0.464	1.	0.	0.133	0.365	0.	0.	0.625	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: OZAR0012

NPS Station ID: OZAR0012 | LAT/LON: 36.952226/ -90.993615 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: BIG SPRING | FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): BGSP
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ABOUT 30 YARDS FROM SPRING SOURCE NEAR PICNIC AREA. COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0012

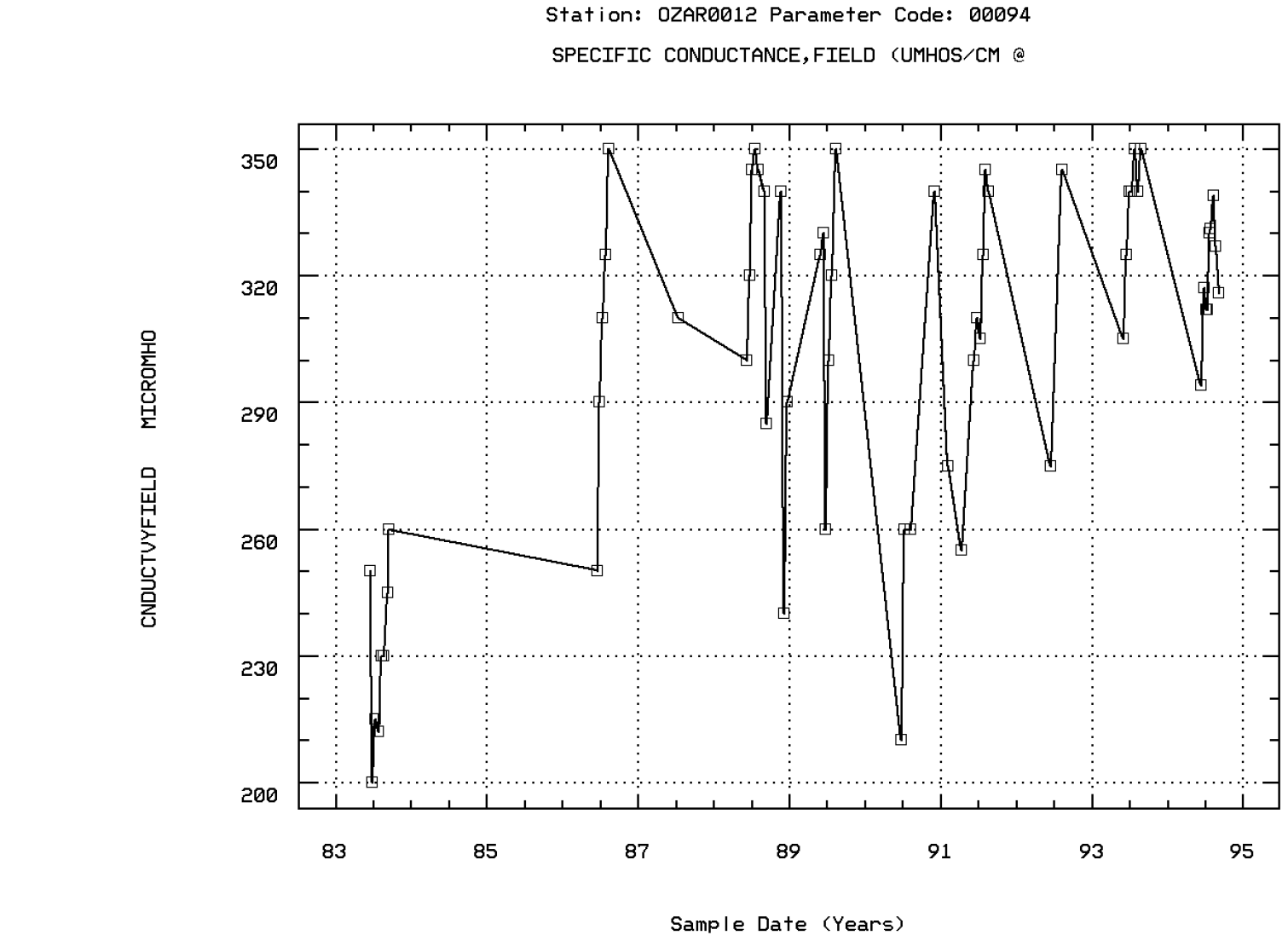
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	77	14.2	14.512	20.6	13.	1.125	1.061	13.34	14.	15.	15.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	38	26.	25.479	35.	6.4	42.905	6.55	12.35	23.	30.	33.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	61	312.	301.672	350.	200.	1764.957	42.011	232.	267.5	340.	345.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/23/94	9	9.4	9.767	12.3	7.3	2.833	1.683	7.3	8.45	11.4	12.3
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	48	7.5	7.534	8.5	6.8	0.144	0.379	7.027	7.3	7.7	8.005
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	48	7.5	7.389	8.5	6.8	0.166	0.407	7.027	7.3	7.7	8.005
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	48	0.032	0.041	0.158	0.003	0.001	0.035	0.01	0.02	0.05	0.094
00406	PH, FIELD, STANDARD UNITS SU	02/06/91-08/24/93	15	7.46	7.398	7.66	7.08	0.034	0.185	7.11	7.18	7.56	7.624
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/06/91-08/24/93	15	7.46	7.36	7.66	7.08	0.036	0.189	7.11	7.18	7.56	7.624
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/91-08/24/93	15	0.035	0.044	0.083	0.022	0.	0.02	0.024	0.028	0.066	0.078
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	50	173.	168.76	204.	90.	544.104	23.326	124.7	162.75	183.25	189.7
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	38	0.4	0.4	0.83	0.11	0.018	0.134	0.189	0.36	0.46	0.553
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-07/28/86	9	0.19	0.224	0.38	0.11	0.008	0.09	0.11	0.17	0.3	0.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	34	0.011	0.011	0.018	0.008	0.	0.002	0.01	0.01	0.011	0.015
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	80	4.	9.163	67.	0.	210.416	14.506	0.	0.	10.	29.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	80	0.602	0.586	1.826	0.	0.342	0.585	0.	0.	1.	1.474
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.858								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	67	15.	174.716	8080.	0.	969302.63	984.532	0.	4.	75.	182.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	67	1.176	1.174	3.907	0.	0.771	0.878	0.	0.602	1.875	2.26
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			14.93								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	12/05/88-09/06/94	22	0.05	0.064	0.3	0.015	0.004	0.066	0.015	0.015	0.1	0.1

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

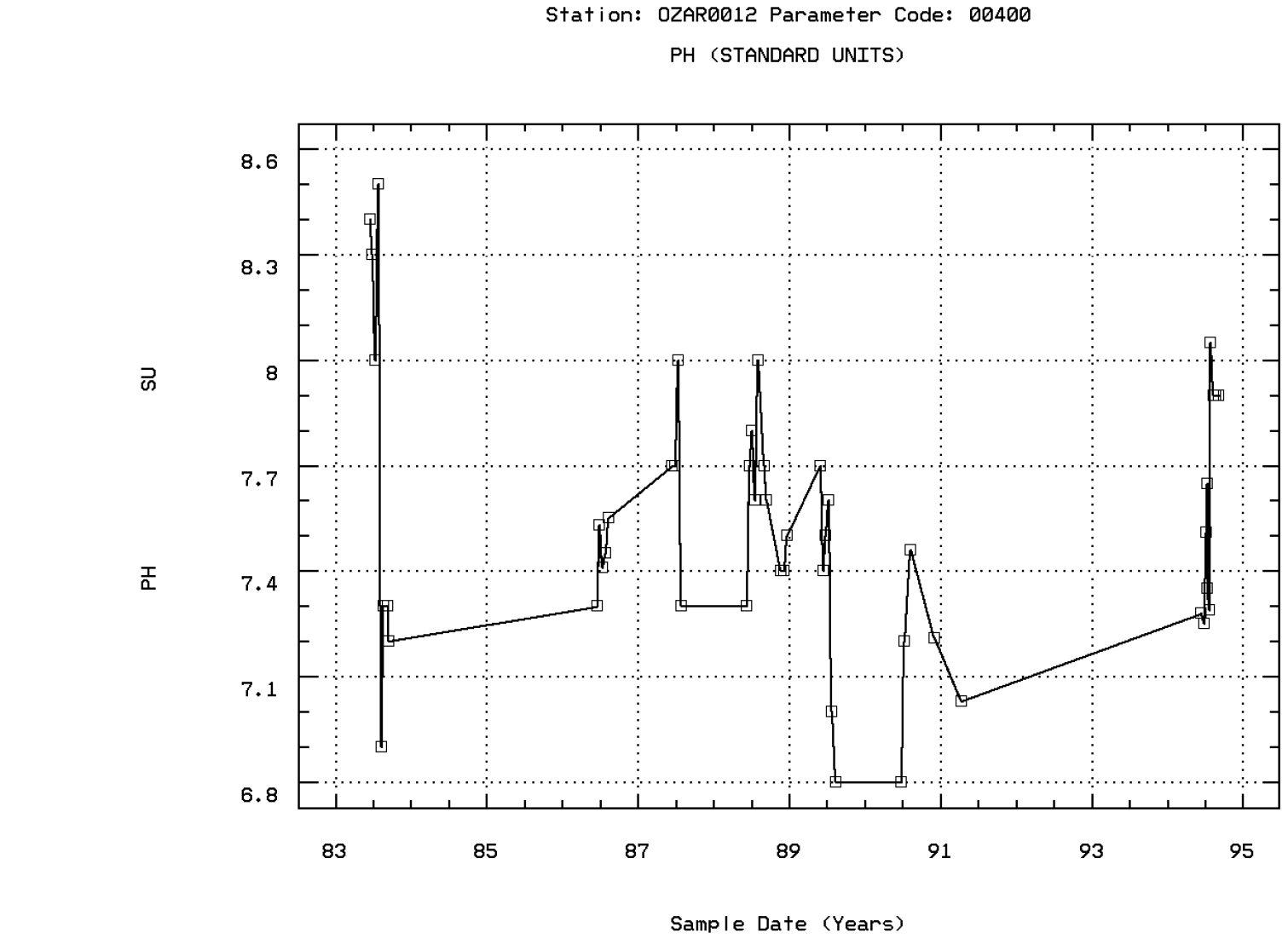
EPA Water Quality Criteria Analysis for Station: OZAR0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	3	0	0.00				6	0	0.00			
00400	PH	Other-Hi Lim.	9.	48	0	0.00	13	0	0.00	5	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	48	0	0.00	13	0	0.00	5	0	0.00	30	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	15	0	0.00	4	0	0.00	1	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	4	0	0.00	1	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	3	0	0.00				6	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	80	0	0.00	27	0	0.00	6	0	0.00	47	0	0.00			

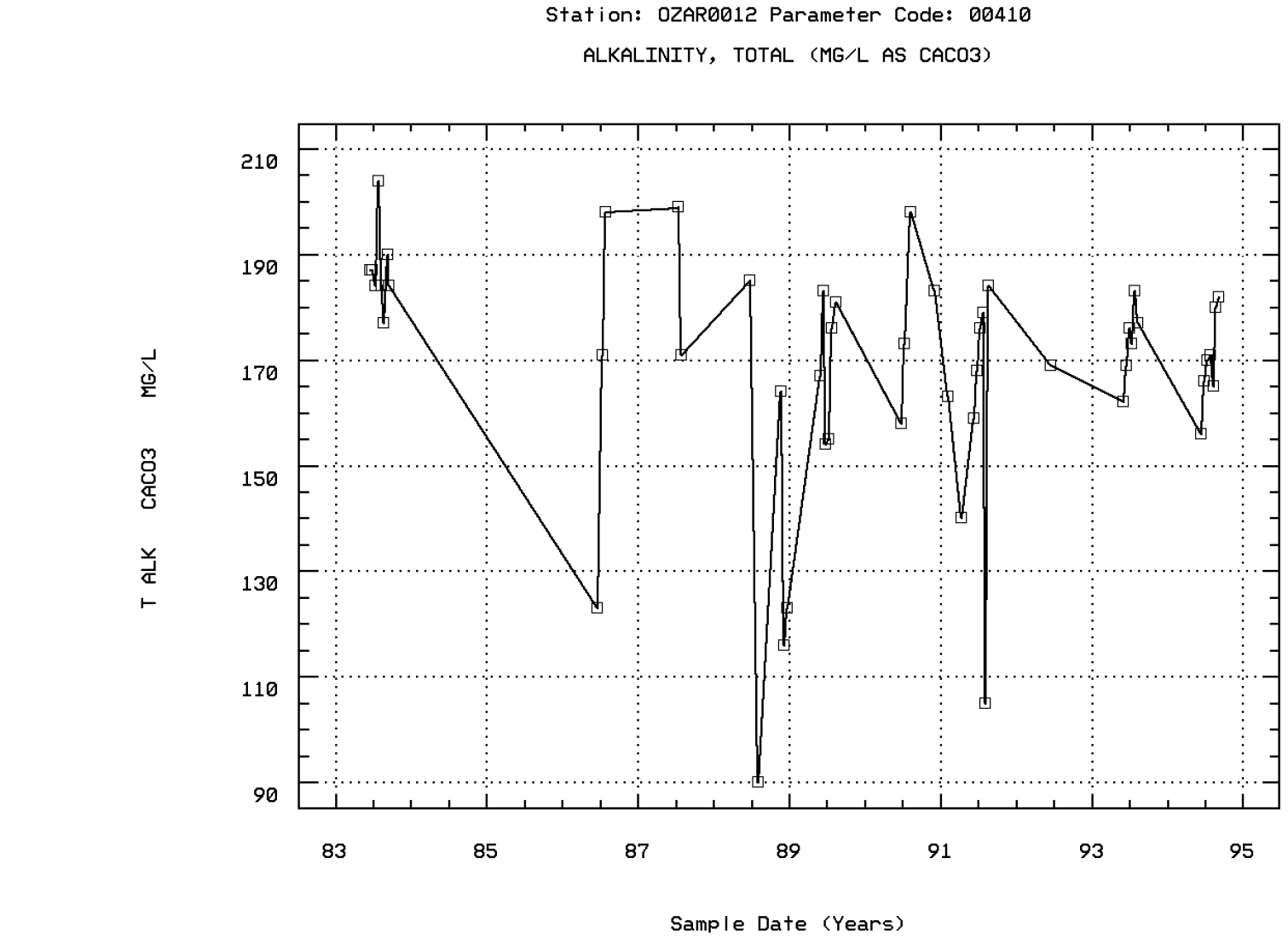
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter


Station: OZAR0012 Parameter Code: 00094
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @
CNDUCTVYFIELD MICROMHO
350
320
290
260
230
200
83
85
87
89
91
93
95
Sample Date (Years)

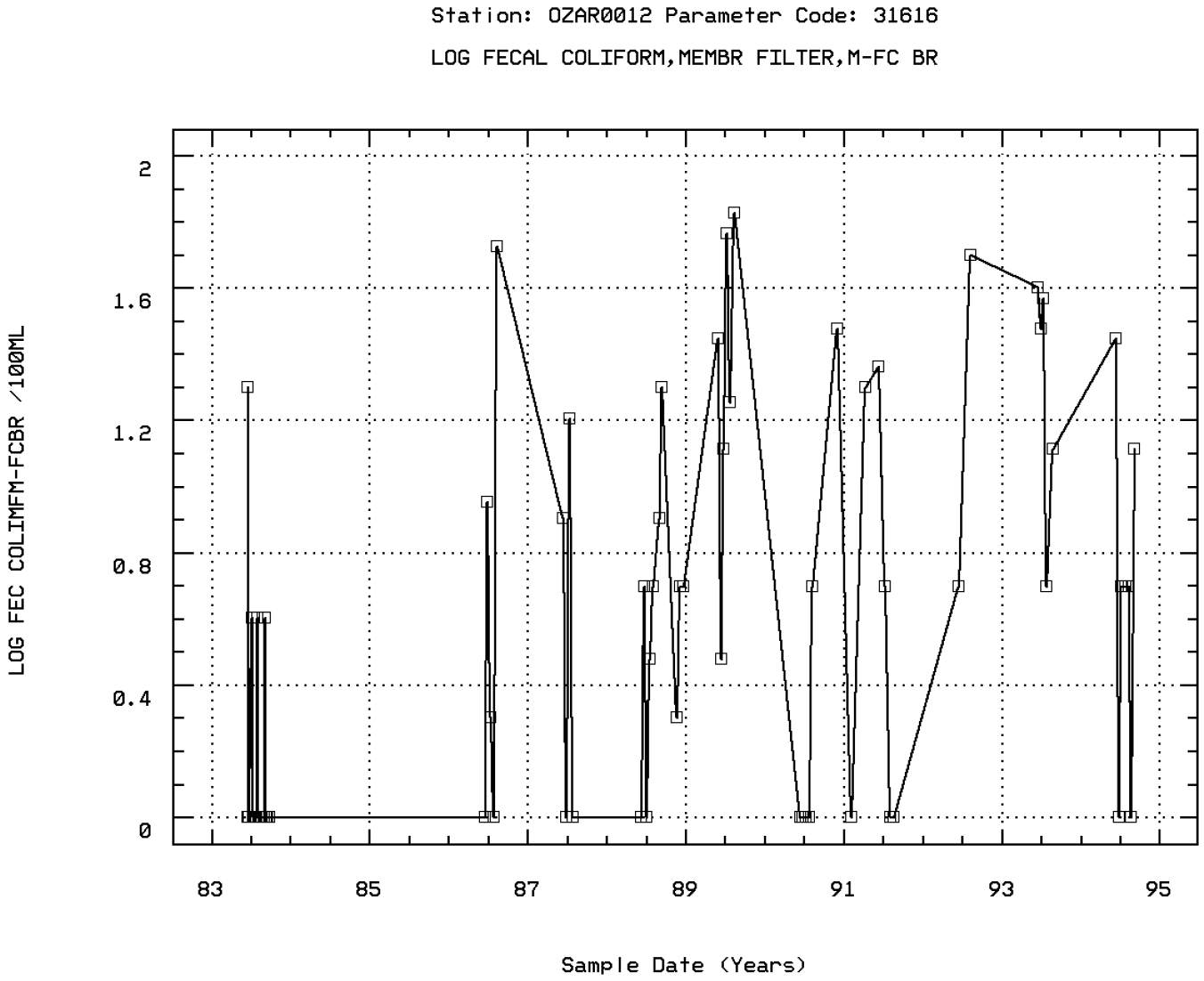
BIG SPRING


Station: OZAR0012 Parameter Code: 00400
PH (STANDARD UNITS)
PH
SU
8.6
8.3
8
7.7
7.4
7.1
6.8
83
85
87
89
91
93
95
Sample Date (Years)

BIG SPRING


Station: OZAR0012 Parameter Code: 00410
ALKALINITY, TOTAL (MG/L AS CACO3)
T ALK CACO3 MG/L
210
190
170
150
130
110
90
83
85
87
89
91
93
95
Sample Date (Years)

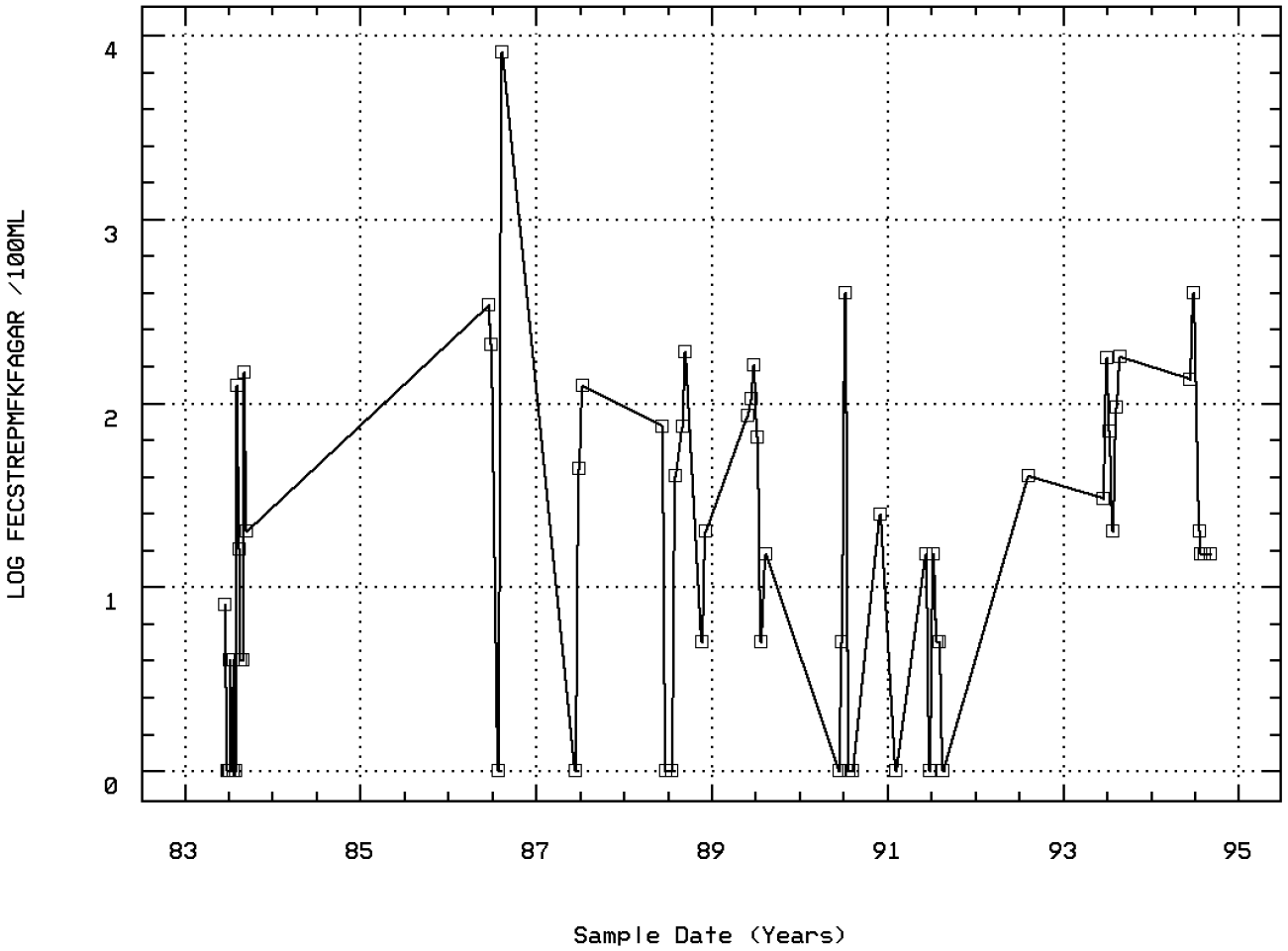
BIG SPRING


Station: OZAR0012 Parameter Code: 31616
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR
LOG FEC COLIMFM-FCBR /100ML
2
1.6
1.2
0.8
0.4
0
83
85
87
89
91
93
95
Sample Date (Years)

BIG SPRING

Station: OZAR0012 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



BIG SPRING

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	27	15.	14.974	20.6	13.4	1.743	1.32	14.	14.	15.6	15.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	9	26.	25.856	30.	21.	9.813	3.133	21.	23.	28.85	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	18	339.5	310.944	350.	230.	2057.35	45.358	230.	260.	345.	350.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	13	7.55	7.501	8.	6.8	0.15	0.388	6.84	7.25	7.9	7.96
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	13	7.55	7.333	8.	6.8	0.181	0.425	6.84	7.25	7.9	7.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	13	0.028	0.046	0.158	0.01	0.002	0.046	0.011	0.013	0.057	0.145
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	13	181.	169.	198.	90.	1072.667	32.752	96.	171.	184.	194.8
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	11	0.37	0.348	0.5	0.16	0.012	0.11	0.166	0.24	0.45	0.492
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	27	0.	9.519	67.	0.	321.567	17.932	0.	0.	10.	50.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	27	0.	0.518	1.826	0.	0.39	0.624	0.	0.	1.	1.704
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.295								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	21	16.	432.19	8080.	0.	3074447.862	1753.41	0.	4.5	109.5	188.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	21	1.204	1.367	3.907	0.	0.874	0.935	0.	0.651	2.036	2.274
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			23.259								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	5	14.2	14.06	15.	13.4	0.418	0.647	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	5	11.	12.7	23.2	6.4	39.54	6.288	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	6	282.5	290.	340.	240.	1790.	42.308	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	5	7.4	7.308	7.5	7.03	0.035	0.188	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	5	7.4	7.274	7.5	7.03	0.037	0.191	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	5	0.04	0.053	0.093	0.032	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	6	151.5	148.167	183.	116.	683.767	26.149	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	2	0.49	0.49	0.54	0.44	0.005	0.071	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	5.	10.333	30.	0.	142.667	11.944	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	0.699	0.746	1.477	0.	0.32	0.566	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.574								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	10.	12.	25.	0.	107.5	10.368	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	1.	0.88	1.398	0.	0.317	0.563	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.579								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	45	14.	14.284	16.1	13.	0.668	0.817	13.	14.	15.	15.24
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	24	27.5	28.	35.	20.	16.543	4.067	22.5	25.	31.	33.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	37	310.	299.054	350.	200.	1648.719	40.604	214.4	282.5	325.	341.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	30	7.52	7.586	8.5	6.8	0.154	0.393	7.205	7.3	7.725	8.275
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	30	7.52	7.439	8.5	6.8	0.177	0.42	7.205	7.3	7.725	8.275
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	30	0.03	0.036	0.158	0.003	0.001	0.031	0.005	0.019	0.05	0.062
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	31	171.	172.645	204.	123.	245.237	15.66	155.2	166.	183.	195.8
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	25	0.41	0.416	0.83	0.11	0.02	0.142	0.198	0.36	0.48	0.58
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	47	5.	8.809	58.	0.	163.723	12.795	0.	0.	10.	28.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	47	0.699	0.605	1.763	0.	0.326	0.571	0.	0.	1.	1.453
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.03								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	41	10.	62.683	400.	0.	11136.022	105.527	0.	0.	80.	201.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	41	1.	1.111	2.602	0.	0.769	0.877	0.	0.	1.902	2.303
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			12.923								

** - Less than 9 observations ## - Computed 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: OZAR0013

NPS Station ID: OZAR0013
LAT/LON: 36.945559/ -90.998615
Agency: 112WRD
Date Created: 04/14/78
Location: T26N R01E 06CDC1
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 365644090595501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: M
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008020
RF1 Mile Point: 18.600
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008010406.77
RF3 Mile Point: 7.40
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/77-08/28/80	8	15.	14.688	15.5	13.	0.71	0.843	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/03/77-08/28/80	8	477.5	478.75	515.	440.	476.786	21.835	**	**	**	**
00400	PH (STANDARD UNITS)	05/03/77-08/28/80	8	7.65	7.613	7.8	7.3	0.024	0.155	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/03/77-08/28/80	8	7.647	7.586	7.8	7.3	0.025	0.158	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/03/77-08/28/80	8	0.023	0.026	0.05	0.016	0.	0.011	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/77-08/28/80	8	12.	13.663	27.	8.4	37.128	6.093	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/77-08/28/80	8	271.	267.25	287.	238.	248.214	15.755	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/03/77-08/28/80	8	330.	325.	350.	290.	400.	20.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/03/77-08/28/80	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	05/03/77-08/28/80	8	0.21	0.216	0.41	0.06	0.015	0.124	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/77-08/28/80	7	0.1	0.134	0.33	0.	0.014	0.117	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/77-08/28/80	8	0.005	0.008	0.03	0.	0.	0.01	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/03/77-08/28/80	7	0.01	0.009	0.02	0.005	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/77-08/28/80	8	0.075	0.09	0.29	0.	0.008	0.087	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/77-08/28/80	7	0.1	0.091	0.23	0.01	0.007	0.083	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/03/77-08/28/80	7	0.07	0.097	0.3	0.	0.009	0.095	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/17/79-05/17/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/03/77-08/28/80	8 ##	0.005	0.006	0.01	0.	0.	0.004	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/77-08/28/80	7	0.9	1.1	2.8	0.2	0.887	0.942	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/06/79-09/06/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/06/79-09/06/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/03/77-08/28/80	8	1.	1.35	2.	0.8	0.294	0.542	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/12/78-09/12/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-05/06/80	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/03/77-05/06/80	7 ##	-0.301	-0.258	0.	-0.301	0.013	0.114	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.552								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-05/06/80	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/03/77-05/06/80	7 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			0.5								
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/17/79-08/28/80	3	0.	0.003	0.01	0.	0.	0.006	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/17/79-08/28/80	3	0.	0.01	0.03	0.	0.	0.017	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/03/77-08/28/80	7	0.8	0.829	1.5	0.3	0.212	0.461	**	**	**	**
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	05/03/77-08/28/80	8	520.	520.	520.	520.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00				4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	7	0	0.00	4	0	0.00				3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	4	0	0.00				4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	4	0	0.00				3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	4	0	0.00				4	0	0.00			
		Drinking Water	250.	8	0	0.00	4	0	0.00				4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	7	0	0.00	3	0	0.00				4	0	0.00			

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

Station Inventory for Station: OZAR0014

NPS Station ID: OZAR0014
LAT/LON: 36.991392/ -91.014727
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER AT VAN BUREN, MO
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07067000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 9.70
On/Off RF1:
RF3 Index: 11010008177901.80
RF3 Mile Point: 8.16
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/62-04/12/95	15	12.3	14.353	24.5	4.5	43.323	6.582	5.7	9.	21.	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/23/95-04/12/95	3	18.	19.167	26.	13.5	40.083	6.331	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	02/23/95-04/12/95	3	773.	771.667	774.	768.	10.333	3.215	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/07/62-06/03/63	9	1140.	1279.222	2720.	725.	423584.194	650.833	725.	751.5	1630.	2720.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/12/90-09/10/91	3	1010.	1451.	2350.	993.	606223.	778.603	**	**	**	**
00065	STAGE, STREAM (FEET)	02/23/95-04/12/95	3	4.22	4.407	5.25	3.75	0.589	0.767	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/07/62-06/03/63	9	2.	2.111	4.	1.	0.611	0.782	1.	2.	2.	4.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/12/90-09/10/91	3	0.6	1.7	4.	0.5	3.97	1.992	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/07/62-05/06/63	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/62-04/12/95	15	293.	481.933	3307.	198.	611935.781	782.263	222.6	254.	303.	1523.2
00300	OXYGEN, DISSOLVED MG/L	09/12/90-04/12/95	6	9.9	9.983	12.2	8.	2.17	1.473	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/62-04/12/95	15	8.2	8.157	8.31	7.9	0.01	0.099	7.96	8.1	8.2	8.256
00400	CONVERTED PH (STANDARD UNITS)	10/07/62-04/12/95	15	8.2	8.145	8.31	7.9	0.01	0.1	7.96	8.1	8.2	8.256
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/62-04/12/95	15	0.006	0.007	0.013	0.005	0.	0.002	0.006	0.006	0.008	0.011
00403	PH, LAB, STANDARD UNITS SU	09/12/90-03/21/95	4	8.2	8.2	8.3	8.1	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/12/90-03/21/95	4	8.189	8.189	8.3	8.1	0.014	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/90-03/21/95	4	0.006	0.006	0.008	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/05/62-09/10/91	11	162.	157.909	184.	112.	517.291	22.744	116.	137.	178.	183.
00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	02/23/95-04/12/95	3	143.	144.333	157.	133.	145.333	12.055	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	09/12/90-09/10/91	3	161.	157.333	179.	132.	562.333	23.714	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/07/62-06/03/63	9	194.	193.	224.	136.	765.5	27.668	136.	176.5	216.	224.
00445	CARBONATE ION (MG/L AS CO3)	10/07/62-06/03/63	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	09/12/90-09/10/91	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	09/12/90-09/10/91	3	197.	192.333	219.	161.	857.333	29.28	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	02/23/95-04/12/95	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	02/23/95-04/12/95	3	172.	175.	191.	162.	217.	14.731	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/12/90-03/21/95	4 ##	0.013	0.015	0.03	0.005	0.	0.012	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/12/90-03/21/95	4 ##	0.008	0.015	0.04	0.005	0.	0.017	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/12/90-03/21/95	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/21/95-03/21/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/90-03/21/95	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/07/62-06/03/63	9	0.6	0.627	1.5	0.04	0.233	0.483	0.04	0.25	1.	1.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/21/95-03/21/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/12/90-03/21/95	4 ##	0.005	0.014	0.04	0.005	0.	0.018	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/90-03/21/95	4 ##	0.005	0.009	0.02	0.005	0.	0.008	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/90-09/10/91	3	0.9	0.967	1.2	0.8	0.043	0.208	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/21/95-03/21/95	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	03/21/95-03/21/95	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: OZAR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/07/62-06/03/63	9	170.	163.778	186.	120.	453.194	21.288	120.	151.	181.5	186.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/07/62-06/03/63	9	4.	5.444	11.	2.	8.528	2.92	2.	3.5	8.	11.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/06/63-03/21/95	5	32.	32.6	38.	27.	23.3	4.827	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/06/63-03/21/95	5	20.	19.	22.	15.	11.	3.317	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/62-03/21/95	13	2.	1.838	2.2	1.1	0.139	0.373	1.14	1.6	2.1	2.2
00931	SODIUM ADSORPTION RATIO	11/05/62-05/06/63	7	0.1	0.086	0.1	0.	0.001	0.038	**	**	**	**
00932	SODIUM, PERCENT	11/05/62-05/06/63	7	2.	2.429	3.	2.	0.286	0.535	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/05/62-03/21/95	7	0.9	0.871	1.	0.8	0.006	0.076	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/07/62-03/21/95	13	3.	2.923	6.	1.	1.91	1.382	1.4	2.	3.5	5.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/07/62-03/21/95	13	4.	4.538	12.	2.	7.603	2.757	2.	2.5	5.	10.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/03/62-03/21/95	6 ##	0.05	0.05	0.1	0.	0.001	0.032	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/06/63-03/21/95	5	7.8	7.24	8.9	4.7	3.113	1.764	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/12/90-09/10/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/12/90-09/10/91	3	34.	33.333	36.	30.	9.333	3.055	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/12/90-09/10/91	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/12/90-09/10/91	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/12/90-09/10/91	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/12/90-09/10/91	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/12/90-09/10/91	3	2.	5.333	13.	1.	44.333	6.658	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/12/90-03/21/95	4 ##	3.75	5.5	13.	1.5	29.5	5.431	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/12/90-09/10/91	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/06/63-03/21/95	5	4.	3.4	5.	0.	4.3	2.074	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/12/90-09/10/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/12/90-09/10/91	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/12/90-09/10/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/12/90-09/10/91	3	33.	31.667	34.	28.	10.333	3.215	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/12/90-09/10/91	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/12/90-09/10/91	3	3.	4.167	8.	1.5	11.583	3.403	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/12/90-09/10/91	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/12/90-09/10/91	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/12/90-09/10/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/23/95-04/12/95	3	4.	35.333	100.	2.	3137.333	56.012	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/23/95-04/12/95	3	0.602	0.968	2.	0.301	0.822	0.907	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			9.283								
31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	02/23/95-04/12/95	3	1.	14.667	42.	1.	560.333	23.671	**	**	**	**
31633	LOG E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100	02/23/95-04/12/95	3	0.	0.541	1.623	0.	0.878	0.937	**	**	**	**
31633	GM E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100M	GEOMETRIC MEAN =			3.476								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/23/95-04/12/95	3	4.	41.667	120.	1.	4604.333	67.855	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/23/95-04/12/95	3	0.602	0.894	2.079	0.	1.145	1.07	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.83								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/07/62-05/06/63	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	02/23/95-04/12/95	3	141.	143.667	157.	133.	149.333	12.22	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/06/63-03/21/95	5	154.	155.	178.	128.	508.	22.539	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/06/63-05/06/63	1	163.	163.	163.	163.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/06/63-05/06/63	1	360.	360.	360.	360.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/06/63-05/06/63	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/07/62-06/03/63	9	1.8	1.656	2.	1.3	0.065	0.255	1.3	1.4	1.85	2.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/06/63-05/06/63	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	05/06/63-05/06/63	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/07/62-06/03/63	9	0.05	0.051	0.09	0.01	0.001	0.025	0.01	0.03	0.07	0.09
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/12/90-09/10/91	3 ##	0.05	0.1	0.2	0.05	0.008	0.087	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: OZAR0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	250.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00	2	0	0.00				1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1300.	3	0	0.00	2	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	15.	3	0	0.00	2	0	0.00				1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5000.	3	0	0.00	2	0	0.00				1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	0	0.00				3	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	1	0	0.00	6	0	0.00	2	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00							1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/62-04/12/95	3	21.5	22.333	24.5	21.	3.583	1.893	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/62-04/12/95	3	317.	312.667	334.	287.	566.333	23.798	**	**	**	**
00400p	PH (STANDARD UNITS)	10/07/62-04/12/95	3	8.15	8.083	8.2	7.9	0.026	0.161	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/07/62-04/12/95	3	8.15	8.063	8.2	7.9	0.026	0.163	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/62-04/12/95	3	0.007	0.009	0.013	0.006	0.	0.003	**	**	**	**

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Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0014

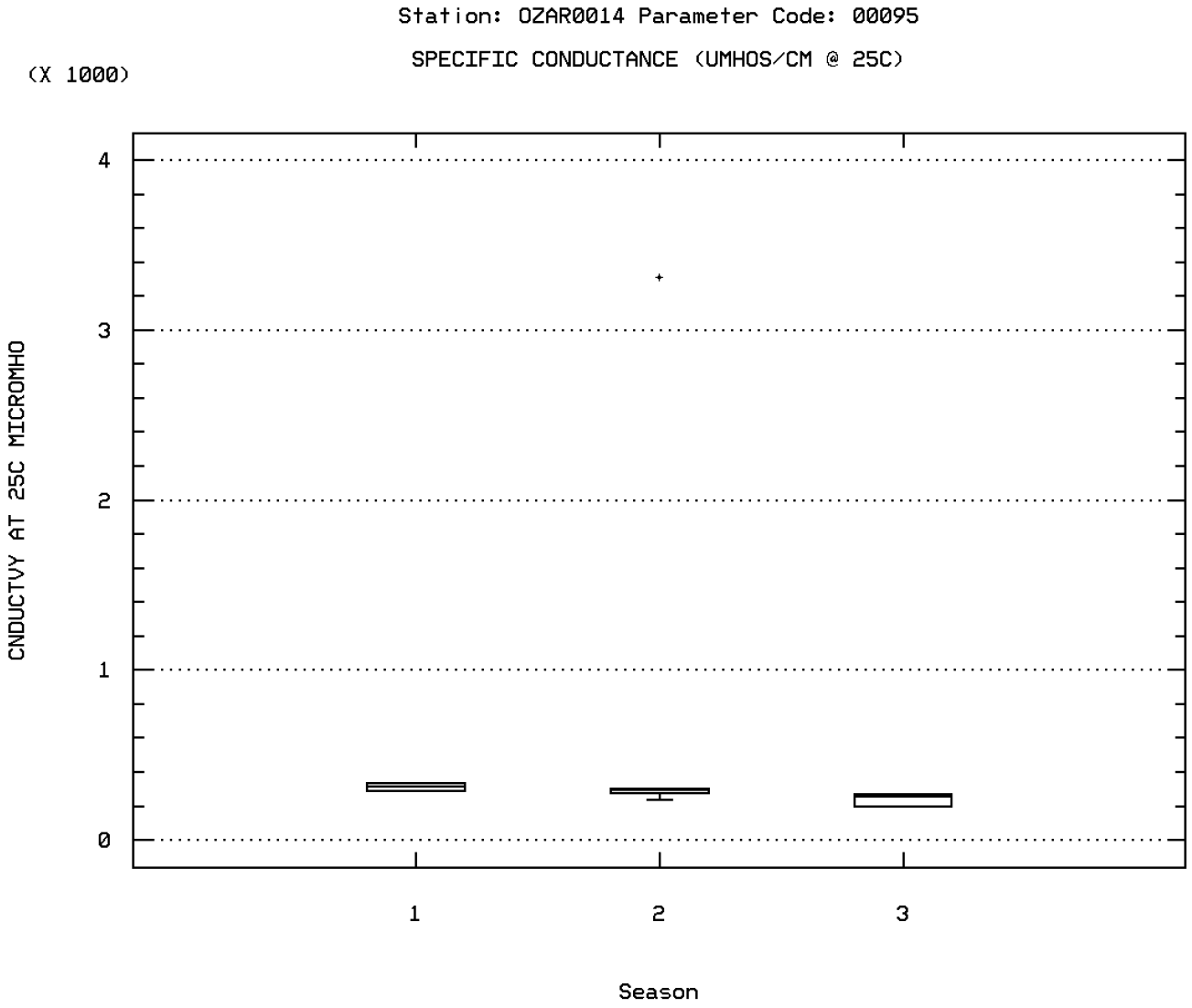
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/62-04/12/95	9	10.	9.589	14.	4.5	8.659	2.943	4.5	7.25	11.65	14.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/62-04/12/95	9	298.	618.778	3307.	239.	1016744.444	1008.337	239.	265.	302.	3307.
00400p	PH (STANDARD UNITS)	10/07/62-04/12/95	9	8.2	8.189	8.31	8.1	0.004	0.064	8.1	8.135	8.21	8.31
00400p	CONVERTED PH (STANDARD UNITS)	10/07/62-04/12/95	9	8.2	8.185	8.31	8.1	0.004	0.064	8.1	8.135	8.21	8.31
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/62-04/12/95	9	0.006	0.007	0.008	0.005	0.	0.001	0.005	0.006	0.007	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

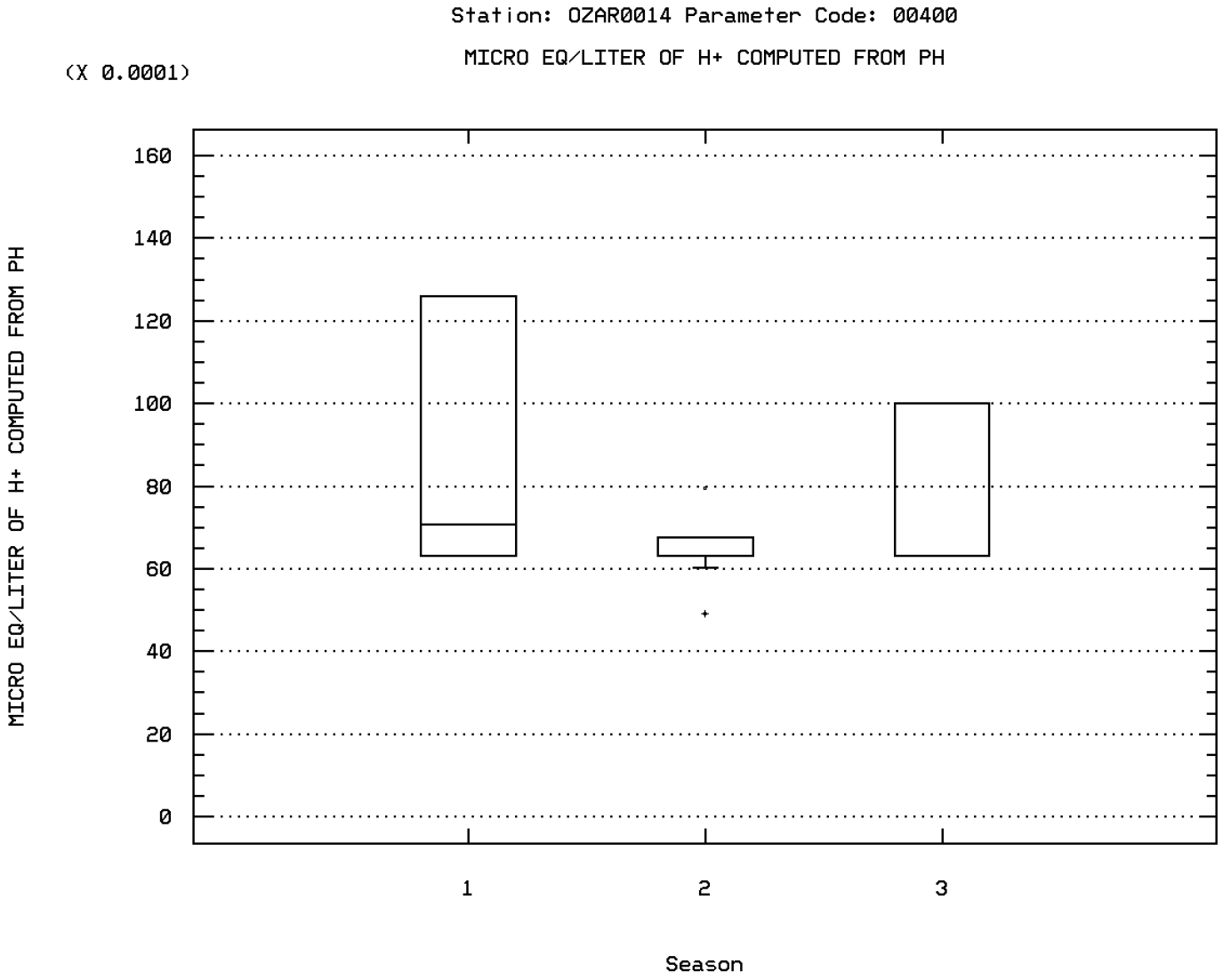
Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/62-04/12/95	3	20.5	20.667	23.5	18.	7.583	2.754	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/62-04/12/95	3	253.	240.667	271.	198.	1446.333	38.031	**	**	**	**
00400p	PH (STANDARD UNITS)	10/07/62-04/12/95	3	8.2	8.133	8.2	8.	0.013	0.115	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/07/62-04/12/95	3	8.2	8.123	8.2	8.	0.014	0.116	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/62-04/12/95	3	0.006	0.008	0.01	0.006	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



CURRENT RIVER AT VAN BUREN, MO



CURRENT RIVER AT VAN BUREN, MO

Station Inventory for Station: OZAR0015

NPS Station ID: OZAR0015 | LAT/LON: 36.990004/ -91.015281 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: VAN BUREN - BRIDGE | FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): VBBR
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED JUST DOWNSTREAM FROM THE VAN BUREN BRIDGE AT THE COMMONLY USED RIVER ACCESS AREA.

Parameter Inventory for Station: OZAR0015

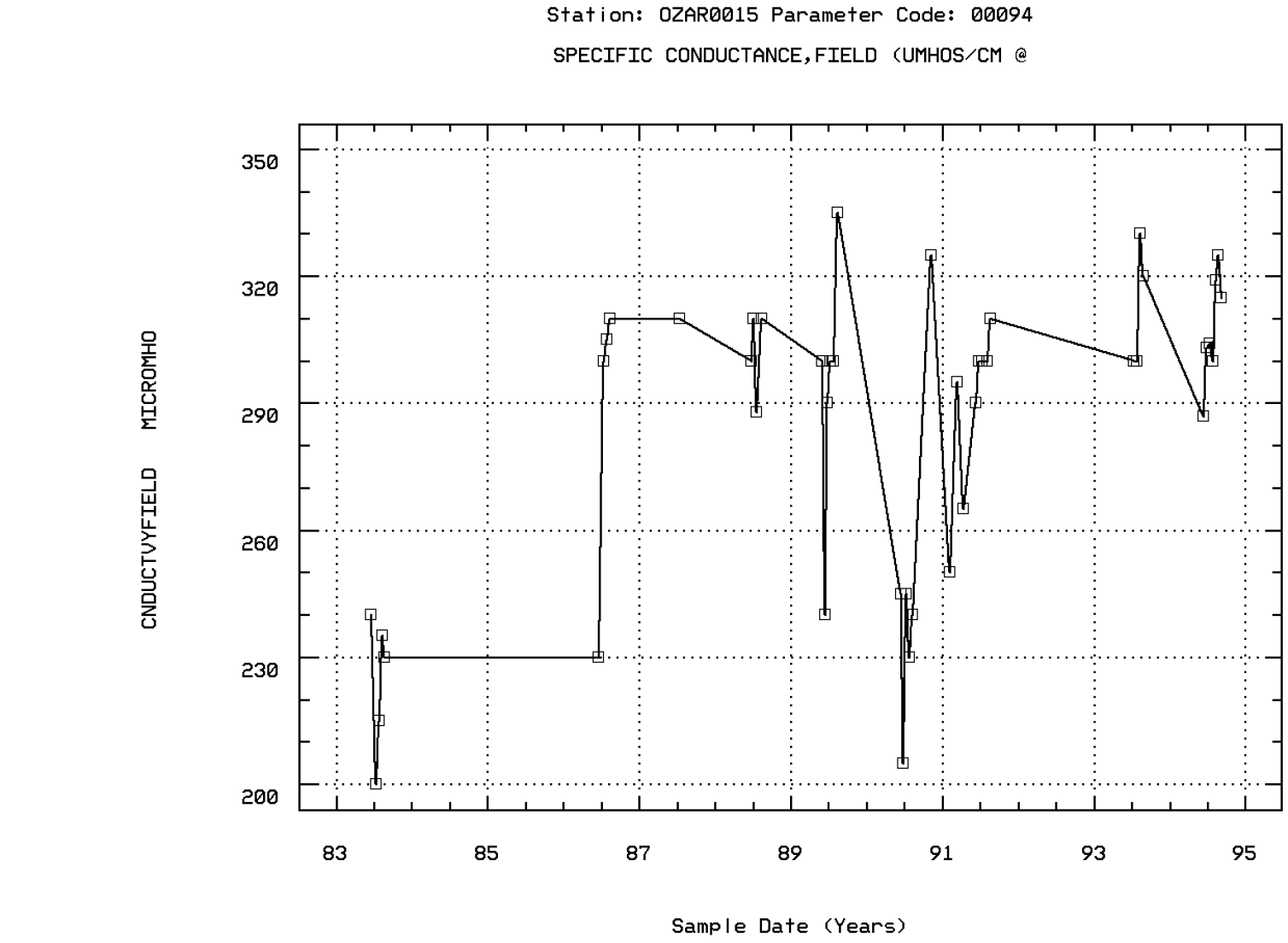
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	73	24.	23.256	27.2	10.5	11.273	3.358	20.24	22.	25.6	26.16
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	31	29.	27.242	36.	10.5	39.794	6.308	14.02	26.	31.	33.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	45	300.	283.356	335.	200.	1334.825	36.535	230.	245.	310.	322.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/23/94	8	9.35	9.225	10.	7.8	0.485	0.696	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	36	8.23	8.124	8.8	7.	0.149	0.386	7.64	7.8	8.398	8.5
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	36	8.229	7.912	8.8	7.	0.195	0.442	7.64	7.8	8.398	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	36	0.006	0.012	0.1	0.002	0.	0.018	0.003	0.004	0.016	0.023
00406	PH, FIELD, STANDARD UNITS SU	02/06/91-08/24/93	12	8.2	8.113	8.32	7.47	0.058	0.24	7.605	7.993	8.27	8.308
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/06/91-08/24/93	12	8.197	8.032	8.32	7.47	0.065	0.255	7.605	7.993	8.27	8.308
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/91-08/24/93	12	0.006	0.009	0.034	0.005	0.	0.008	0.005	0.005	0.01	0.027
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	43	164.	159.186	192.	75.	368.012	19.184	138.4	151.	170.	177.
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	30	0.325	0.331	0.54	0.14	0.01	0.099	0.156	0.288	0.373	0.487
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-07/28/86	6	0.145	0.181	0.29	0.09	0.007	0.082	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-09/06/94	28	0.008	0.009	0.022	0.004	0.	0.004	0.004	0.006	0.01	0.014
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	70	13.	48.8	863.	0.	14192.336	119.132	0.	0.	40.	156.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	70	1.114	1.058	2.936	0.	0.615	0.784	0.	0.	1.602	2.192
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.427								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	58	30.	126.31	2110.	0.	100279.902	316.67	0.	15.	72.75	300.8
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	58	1.477	1.497	3.324	0.	0.562	0.75	0.	1.176	1.855	2.478
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			31.43								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/08/88-09/06/94	24	0.55	0.654	1.9	0.3	0.109	0.33	0.4	0.5	0.775	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: OZAR0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	3	0	0.00				5	0	0.00			
00400	PH	Other-Hi Lim.	9.	36	0	0.00	9	0	0.00	2	0	0.00	25	0	0.00			
		Other-Lo Lim.	6.5	36	0	0.00	9	0	0.00	2	0	0.00	25	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	12	0	0.00	4	0	0.00	2	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00	2	0	0.00	6	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00				5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	70	3	0.04	27	0	0.00	4	0	0.00	39	3	0.08			

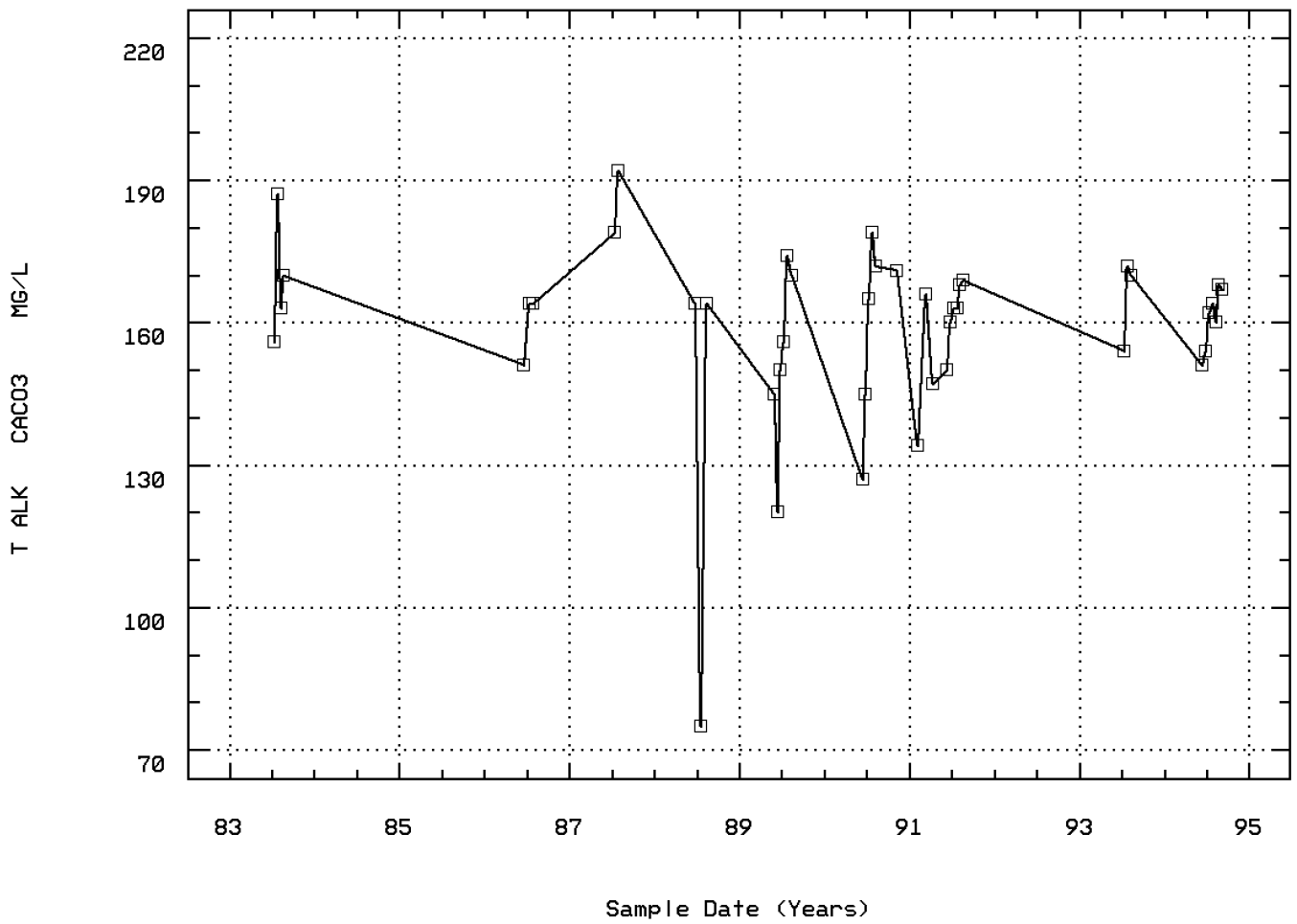
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



VAN BUREN - BRIDGE

Station: OZAR0015 Parameter Code: 00410

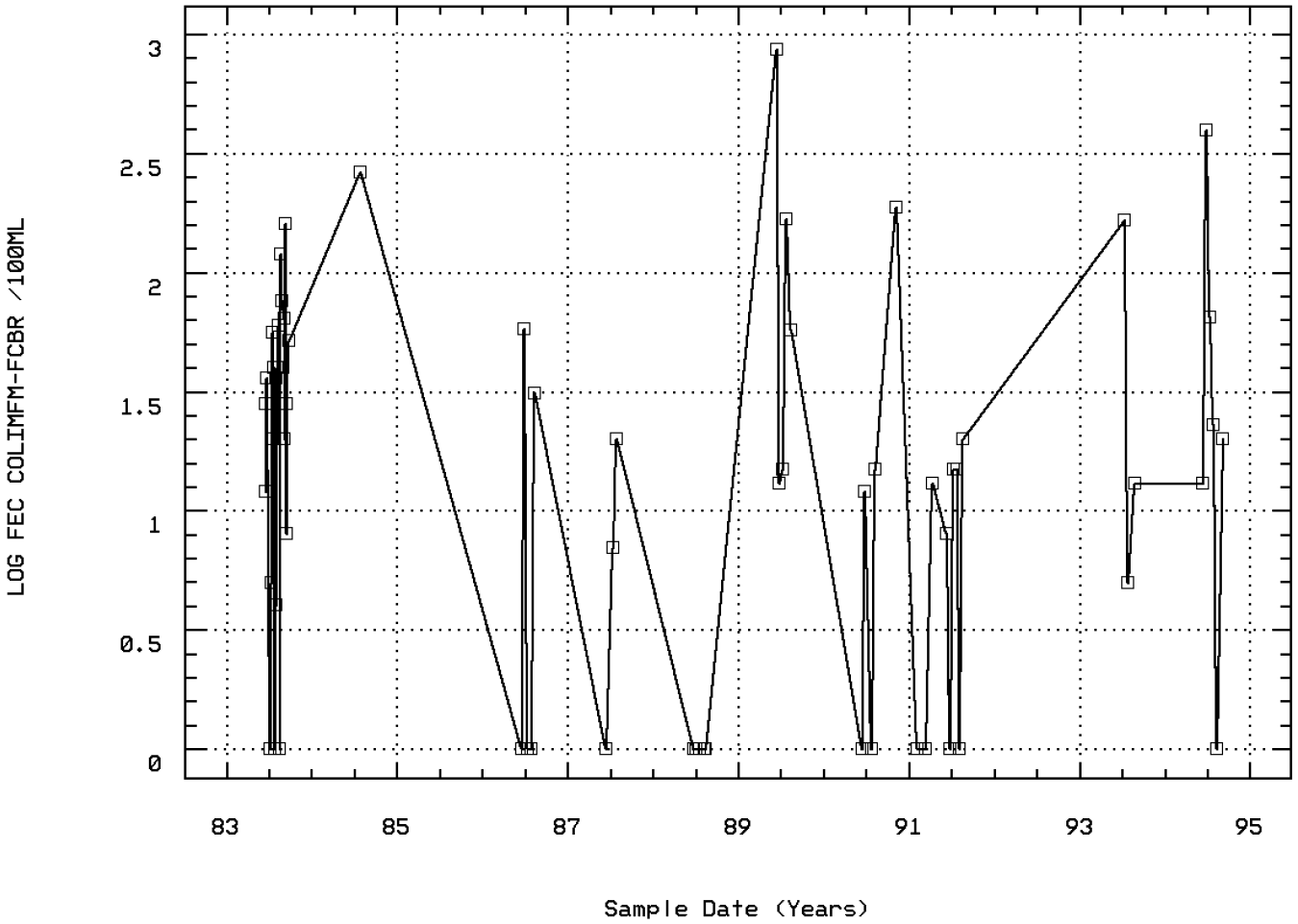
ALKALINITY, TOTAL (MG/L AS CACO3)



VAN BUREN - BRIDGE

Station: OZAR0015 Parameter Code: 31616

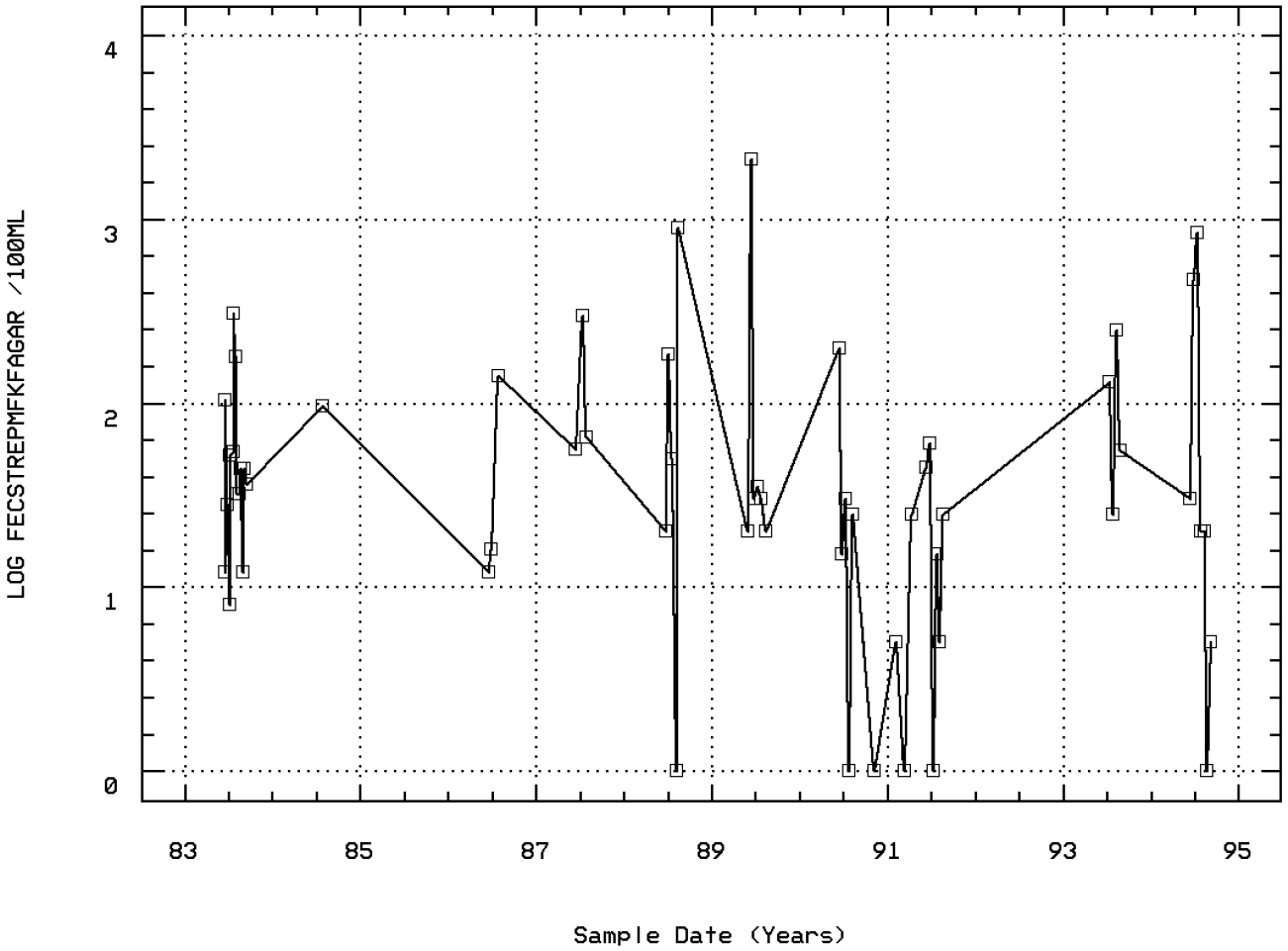
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



VAN BUREN - BRIDGE

Station: OZAR0015 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



VAN BUREN - BRIDGE

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	28	24.5	23.882	27.2	18.3	5.594	2.365	20.54	22.05	25.6	26.73
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	13	310.	298.385	335.	230.	1393.923	37.335	232.	270.	322.5	333.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	9	8.29	8.057	8.5	7.	0.243	0.493	7.	7.7	8.39	8.5
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	9	8.29	7.731	8.5	7.	0.363	0.602	7.	7.7	8.39	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	9	0.005	0.019	0.1	0.003	0.001	0.031	0.003	0.004	0.02	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	11	168.	167.364	172.	160.	13.055	3.613	160.6	164.	170.	171.6
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	9	0.29	0.309	0.46	0.14	0.008	0.09	0.14	0.265	0.365	0.46
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	27	20.	32.593	160.	0.	1455.481	38.151	0.	10.	52.	84.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	27	1.301	1.175	2.204	0.	0.44	0.663	0.	1.	1.716	1.92
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.949								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	18	28.5	93.333	895.	0.	44212.353	210.267	0.	10.25	46.75	314.5
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	18	1.452	1.393	2.952	0.	0.555	0.745	0.	0.984	1.668	2.453
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			24.717								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	4	11.45	12.475	16.5	10.5	7.482	2.735	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	4	280.	283.75	325.	250.	1106.25	33.26	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	2	7.625	7.625	7.75	7.5	0.031	0.177	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	2	7.607	7.607	7.75	7.5	0.032	0.179	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	2	0.025	0.025	0.032	0.018	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	4	156.5	154.5	171.	134.	293.667	17.137	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	2	0.505	0.505	0.52	0.49	0.	0.021	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	6.5	50.	187.	0.	8379.333	91.539	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	0.557	0.846	2.272	0.	1.179	1.086	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.022								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	2.5	7.5	25.	0.	141.667	11.902	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	0.349	0.524	1.398	0.	0.448	0.669	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.344								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	41	24.	23.88	27.2	19.1	3.657	1.912	21.	22.5	25.6	26.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	28	300.	276.321	310.	200.	1272.745	35.676	214.	241.25	300.	305.5
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	25	8.26	8.188	8.8	7.3	0.108	0.328	7.76	8.02	8.4	8.54
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	25	8.26	8.047	8.8	7.3	0.128	0.358	7.76	8.02	8.4	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	25	0.005	0.009	0.05	0.002	0.	0.01	0.003	0.004	0.01	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	28	161.	156.643	192.	75.	497.794	22.311	126.3	150.25	164.75	179.8
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	19	0.32	0.324	0.54	0.14	0.008	0.092	0.15	0.3	0.36	0.42
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	39	12.	59.897	863.	0.	23799.726	154.272	0.	0.	36.	168.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	39	1.079	0.999	2.936	0.	0.705	0.84	0.	0.	1.556	2.225
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.973								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	36	40.	156.	2110.	0.	138747.086	372.488	10.8	20.	123.5	356.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	36	1.599	1.658	3.324	0.	0.467	0.683	1.026	1.301	2.09	2.544
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			45.46								

** - Less than 9 observations ## - Computed 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: OZAR0016

NPS Station ID: OZAR0016 | LAT/LON: 36.997642/ -91.019726 | Agency: 14AGNFS9 | Date Created: 05/04/78
Location: CURRENT RIVER AT VAN BUREN | FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 180022 /1102040102
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: WHITE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: CURRENT RIVER | ECO Region:
RF1 Index: 11010008021 | RF1 Mile Point: 0.140 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 11010008047400.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.15 | On/Off RF3:
Description:
AT USFS WATERCRESS RECREATION AREA IN SW4 SECTION 24, T27N, R1W. ANALYSES AT USFS LAB, WINONA, MO. CONTACT WATERSHED SCIENTIST, MARK TWAIN NATIONAL FOREST, ROLLA, MO 65401 OR AC 314-364-4621 OR FTS 276-9212

Parameter Inventory for Station: OZAR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/29/76-05/24/77	4	75.5	75.75	81.	71.	18.25	4.272	**	**	**	**
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	06/29/76-05/24/77	4	88.	87.75	89.	86.	1.583	1.258	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/29/76-05/24/77	4	37.	46.25	93.	18.	1075.583	32.796	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/29/76-05/24/77	4	1.562	1.587	1.968	1.255	0.089	0.298	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			38.65								

** - 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: OZAR0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00				3	0	0.00			

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

Station Inventory for Station: OZAR0017

NPS Station ID: OZAR0017 | LAT/LON: 37.000005/ -91.020281 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: VAN BUREN - WATERCRESS | FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): VBWC
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. AKERMAN OF THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION IN FORT COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/17/83	11	24.4	23.964	26.7	21.1	2.647	1.627	21.32	22.2	25.	26.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	6	222.5	220.	240.	185.	490.	22.136	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/27/83	5	8.8	8.86	11.	7.1	2.113	1.454	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/17/83	6	7.95	7.933	8.7	7.	0.383	0.619	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/17/83	6	7.882	7.581	8.7	7.	0.531	0.729	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/17/83	6	0.013	0.026	0.1	0.002	0.001	0.037	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/17/83	5	170.	172.	187.	163.	104.	10.198	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	4	0.13	0.13	0.19	0.07	0.003	0.055	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/23/83	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	11	9.	21.091	120.	0.	1158.891	34.042	0.	4.	23.	101.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	11	0.954	0.966	2.079	0.	0.376	0.613	0.	0.602	1.362	1.953
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.256								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/02/83	4	2.	40.	156.	0.	5984.	77.356	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/02/83	4	0.301	0.699	2.193	0.	1.073	1.036	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			4.998								

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

EPA Water Quality Criteria Analysis for Station: OZAR0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	2	0	0.00				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	3	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00				3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	0	0.00	6	0	0.00				5	0	0.00			

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

Station Inventory for Station: OZAR0018

NPS Station ID: OZAR0018
LAT/LON: 36.989448/ -91.026671
Agency: 112WRD
Date Created: / /
Location: PIKE CREEK AT VAN BUREN, MO
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07066990
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008052
RF1 Mile Point: 0.630
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008002300.00
RF3 Mile Point: 0.64
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/18/73	4	16.5	16.5	20.5	12.5	13.333	3.651	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/18/73	4	10.	16.	40.	4.	280.667	16.753	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-08/02/73	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/18/73	4	415.5	404.75	430.	358.	1139.583	33.758	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/05/73-10/18/73	4	8.75	9.025	10.4	8.2	0.949	0.974	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-10/18/73	4	93.	91.5	101.	79.	116.333	10.786	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/05/73-08/02/73	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/73-10/18/73	4	7.75	7.75	8.	7.5	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/05/73-10/18/73	4	7.747	7.713	8.	7.5	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-10/18/73	4	0.018	0.019	0.032	0.01	0.	0.009	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-10/18/73	4	8.15	8.475	14.	3.6	19.769	4.446	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-10/18/73	4	222.	218.75	249.	182.	816.25	28.57	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-10/18/73	4	271.	267.	304.	222.	1222.667	34.967	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/05/73-10/18/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	3	0.33	0.35	0.5	0.22	0.02	0.141	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-10/18/73	4	0.1	0.128	0.31	0.	0.018	0.135	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/18/73	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-10/18/73	4	0.185	0.225	0.38	0.15	0.011	0.105	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/18/73	4	0.11	0.145	0.31	0.05	0.014	0.118	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/18/73	3	0.18	0.173	0.19	0.15	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/18/73	4	0.03	0.031	0.06	0.005	0.001	0.024	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-10/18/73	4 ##	0.005	0.011	0.03	0.004	0.	0.013	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-08/02/73	2	215.	215.	240.	190.	1250.	35.355	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-08/02/73	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-08/02/73	2	44.	44.	48.	40.	32.	5.657	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-08/02/73	2	24.5	24.5	28.	21.	24.5	4.95	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-08/02/73	2	1.5	1.5	1.6	1.4	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/05/73-08/02/73	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	04/05/73-08/02/73	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-08/02/73	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-08/02/73	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-08/02/73	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-08/02/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-08/02/73	2	7.5	7.5	8.4	6.6	1.62	1.273	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-08/02/73	2 ##	187.5	187.5	370.	5.	66612.5	258.094	**	**	**	**

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

Parameter Inventory for Station: OZAR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-08/02/73	2 ##	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/05/73-04/05/73	1	2.041	2.041	2.041	2.041	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			110.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-10/18/73	4	29.	81.75	260.	9.	14210.917	119.21	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-10/18/73	4	1.462	1.573	2.415	0.954	0.372	0.61	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.443								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-10/18/73	4	155.	138.25	230.	13.	8372.25	91.5	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/05/73-10/18/73	4	2.188	1.963	2.362	1.114	0.328	0.573	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			91.846								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-08/02/73	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-08/02/73	2	214.	214.	239.	189.	1250.	35.355	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-08/02/73	2	209.	209.	232.	186.	1058.	32.527	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-08/02/73	2	11.91	11.91	20.4	3.42	144.16	12.007	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-08/02/73	2	0.295	0.295	0.33	0.26	0.002	0.049	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/18/73	3	1.5	1.567	2.2	1.	0.363	0.603	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	2	1	0.50	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: OZAR0019

NPS Station ID: OZAR0019 LAT/LON: 36.991948/ -91.030809 Agency: 21MO0001 Date Created: 10/06/84
Location: T27N,R1W,SEC.23,SE1/4,CARTER CNTY RT M CROSSING FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1101000805201
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: ELEVEN POINT RIVER ECO Region:
RF1 Index: 11010008052 RF1 Mile Point: 0.870 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008047200.00 RF3 Mile Point: 0.60 Distance from RF3: 0.02 On/Off RF3:
Description:
COUNTY: CARTER ESTABLISHED FOR: PIKE CREEK WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/18/73-10/18/73	1	54.5	54.5	54.5	54.5	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/18/73-10/18/73	1	249.	249.	249.	249.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	429.	429.	429.	429.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/73-10/18/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/73-10/18/73	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/73-10/18/73	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	1	260.	260.	260.	260.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/73-10/18/73	1	2.415	2.415	2.415	2.415	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			260.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/73-10/18/73	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: OZAR0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: OZAR0020

NPS Station ID: OZAR0020
LAT/LON: 37.034170/ -91.054448
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER ABOVE VAN BUREN, MO
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07066700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008023
RF1 Mile Point: 0.880
Distance from RF1: 2.50
On/Off RF1: ON
RF3 Index: 11010008002022.70
RF3 Mile Point: 22.70
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/18/73	4	16.75	16.5	20.5	12.	19.167	4.378	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/18/73-10/18/73	1	1930.	1930.	1930.	1930.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/18/73	4	2050.	2805.	5480.	1640.	3227233.333	1796.45	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/73-08/02/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-08/02/73	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/18/73	4	303.	297.	320.	262.	609.333	24.685	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/05/73-10/18/73	4	8.9	9.1	10.2	8.4	0.76	0.872	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-10/18/73	4	92.	92.	94.	90.	3.333	1.826	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/05/73-08/02/73	3	2.	3.333	8.	0.	17.333	4.163	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/73-10/18/73	4	8.05	8.05	8.1	8.	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/05/73-10/18/73	4	8.047	8.047	8.1	8.	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-10/18/73	4	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-10/18/73	4	2.45	2.55	3.	2.3	0.11	0.332	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-10/18/73	4	152.5	147.25	166.	118.	422.25	20.549	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-10/18/73	4	186.	179.5	202.	144.	619.667	24.893	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/05/73-10/18/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	3	0.57	0.563	0.6	0.52	0.002	0.04	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-10/18/73	4	0.155	0.135	0.23	0.	0.01	0.097	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/18/73	4 ##	0.023	0.028	0.06	0.005	0.001	0.027	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/18/73	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-10/18/73	4	0.325	0.318	0.4	0.22	0.006	0.075	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/18/73	4	0.175	0.173	0.29	0.05	0.01	0.098	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/18/73	3	0.34	0.35	0.4	0.31	0.002	0.046	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/18/73	4	0.025	0.037	0.09	0.009	0.001	0.038	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-10/18/73	4 ##	0.005	0.014	0.04	0.005	0.	0.018	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-08/02/73	2	140.	140.	160.	120.	800.	28.284	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-08/02/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-08/02/73	2	29.	29.	33.	25.	32.	5.657	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-08/02/73	2	16.	16.	18.	14.	8.	2.828	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-08/02/73	2	1.6	1.6	1.8	1.4	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/05/73-08/02/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/05/73-08/02/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-08/02/73	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-08/02/73	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-08/02/73	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-08/02/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-08/02/73	2	7.35	7.35	7.7	7.	0.245	0.495	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-08/02/73	2	205.	205.	280.	130.	11250.	106.066	**	**	**	**

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

Parameter Inventory for Station: OZAR0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-08/02/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	1	76.	76.	76.	76.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/05/73-04/05/73	1	1.881	1.881	1.881	1.881	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			76.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-10/18/73	4	9.	11.	20.	6.	44.	6.633	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-10/18/73	4	0.929	0.984	1.301	0.778	0.065	0.255	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.641								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-10/18/73	4	42.5	64.75	160.	14.	4646.25	68.163	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/05/73-10/18/73	4	1.531	1.603	2.204	1.146	0.254	0.504	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			40.115								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-08/02/73	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-08/02/73	2	148.	148.	171.	125.	1058.	32.527	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-08/02/73	2	143.	143.	161.	125.	648.	25.456	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-08/02/73	2	1303.5	1303.5	1850.	757.	597324.5	772.868	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-08/02/73	2	0.2	0.2	0.23	0.17	0.002	0.042	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/18/73	3	2.5	2.5	2.7	2.3	0.04	0.2	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: OZAR0020

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: OZAR0021

NPS Station ID: OZAR0021
LAT/LON: 37.049171/ -91.071670
Agency: 112WRD
Date Created: 10/01/94
Location: ROGERS CREEK NEAR VAN BUREN, MO
FIPS State/County: 29035 MISSOURI/CARTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07066650
RMI-Indexes:
Within Park Boundary: Yes
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: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/94-09/21/94	2	17.5	17.5	18.	17.	0.5	0.707	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/26/94-09/21/94	2	23.25	23.25	24.	22.5	1.125	1.061	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/26/94-09/21/94	2	773.5	773.5	776.	771.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/94-09/21/94	2	314.	314.	342.	286.	1568.	39.598	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/26/94-09/21/94	2	9.95	9.95	10.4	9.5	0.405	0.636	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/94-09/21/94	2	8.125	8.125	8.21	8.04	0.014	0.12	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/94-09/21/94	2	8.117	8.117	8.21	8.04	0.015	0.121	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/94-09/21/94	2	0.008	0.008	0.009	0.006	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/26/94-09/21/94	2	7.85	7.85	7.9	7.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/26/94-09/21/94	2	7.847	7.847	7.9	7.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/94-09/21/94	2	0.014	0.014	0.016	0.013	0.	0.002	**	**	**	**
00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	05/26/94-09/21/94	2	165.	165.	183.	147.	648.	25.456	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	05/26/94-09/21/94	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	05/26/94-09/21/94	2	202.	202.	225.	179.	1058.	32.527	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/26/94-09/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/26/94-09/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/26/94-09/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/94-09/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/26/94-09/21/94	2 ##	0.058	0.058	0.09	0.025	0.002	0.046	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/26/94-09/21/94	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/26/94-09/21/94	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/94-09/21/94	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/21/94-09/21/94	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	05/26/94-09/21/94	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/94-09/21/94	2	34.5	34.5	37.	32.	12.5	3.536	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/94-09/21/94	2	20.	20.	22.	18.	8.	2.828	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/26/94-09/21/94	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/26/94-09/21/94	2	0.85	0.85	0.9	0.8	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/94-09/21/94	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/26/94-09/21/94	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/26/94-09/21/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/26/94-09/21/94	2	7.95	7.95	8.7	7.2	1.125	1.061	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/21/94-09/21/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/21/94-09/21/94	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/21/94-09/21/94	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/21/94-09/21/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/21/94-09/21/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/21/94-09/21/94	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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Parameter Inventory for Station: OZAR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	09/21/94-09/21/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/26/94-09/21/94	2 ##	3.25	3.25	5.	1.5	6.125	2.475	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/21/94-09/21/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/94-09/21/94	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/21/94-09/21/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/21/94-09/21/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/21/94-09/21/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/21/94-09/21/94	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/21/94-09/21/94	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/21/94-09/21/94	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/21/94-09/21/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/21/94-09/21/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	05/26/94-05/26/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/26/94-09/21/94	2	48.	48.	80.	16.	2048.	45.255	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/26/94-09/21/94	2	1.554	1.554	1.903	1.204	0.244	0.494	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			35.777								
31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	05/26/94-09/21/94	2	61.	61.	100.	22.	3042.	55.154	**	**	**	**
31633	LOG E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100	05/26/94-09/21/94	2	1.671	1.671	2.	1.342	0.216	0.465	**	**	**	**
31633	GM E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100M	GEOMETRIC MEAN =			46.904								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/26/94-09/21/94	2	25.	25.	27.	23.	8.	2.828	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/26/94-09/21/94	2	1.397	1.397	1.431	1.362	0.002	0.049	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			24.92								
34253	A-BHC-ALPHA DISSUG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38478	LINURON WATER,DISSUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38482	MCPA WATER,DISSUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38487	MCPB WATER,DISSUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38501	METHIOCARB WATER,DISSUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38538	PROPOXUR WATER,DISSUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38711	BENTAZON WATER, DISUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38746	2,4-DB WATER, DISUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38811	FLUOMETURON WATER, DISUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38866	OXAMYL WATER, DISUG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	05/26/94-09/21/94	2	165.5	165.5	184.	147.	684.5	26.163	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	05/26/94-05/26/94	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	05/26/94-05/26/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
49235	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49236	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49291	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49292	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49293	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49294	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49295	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49296	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49297	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OZAR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49298	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49299	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49300	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49301	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49302	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49303	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49304	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49305	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49306	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49307	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49308	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49309	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49310	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49311	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49312	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49313	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49314	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49315	INVALID PARAMETER	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/26/94-09/21/94	2	162.5	162.5	181.	144.	684.5	26.163	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/26/94-09/21/94	2	25.	25.	50.	0.	1250.	35.355	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/26/94-09/21/94	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	05/26/94-05/26/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	05/26/94-05/26/94	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/26/94-05/26/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Other-Hi Lim.	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: OZAR0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
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									
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	1	0	0.00							1	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
38866	OXAMYL, DISSOLVED	Drinking Water	200.	1	0	0.00							1	0	0.00			
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00							1	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00							1	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	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			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	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: OZAR0022

NPS Station ID: OZAR0022
LAT/LON: 37.166115/ -91.163060
Agency: 112WRD
Date Created: 02/17/78
Location: BLUE SPRING NEAR EMINENCE, MO.
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 07066550
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008127700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/20/93	36	14.	13.697	15.5	11.5	0.644	0.802	12.7	13.075	14.	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	19	776.	775.053	787.	764.	31.608	5.622	768.	770.	779.	782.
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-05/04/77	2	167.	167.	180.	154.	338.	18.385	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-10/20/93	36	118.5	142.472	290.	88.	3037.856	55.117	91.7	102.25	173.75	242.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/06/73-08/01/73	2	7.	7.	10.	4.	18.	4.243	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/06/73-08/01/73	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/20/93	36	267.5	252.528	342.	118.	4093.056	63.977	142.1	205.25	301.75	319.9
00300	OXYGEN, DISSOLVED MG/L	04/06/73-10/20/93	36	9.05	9.214	11.7	8.	0.508	0.713	8.47	8.65	9.675	9.86
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/73-06/30/82	17	86.	87.765	98.	81.	27.941	5.286	81.8	83.	92.	97.2
00335	COD, .025N K2CR2O7 MG/L	04/06/73-08/01/73	3	2.	3.667	9.	0.	22.333	4.726	**	**	**	**
00400	PH (STANDARD UNITS)	04/06/73-10/20/93	36	7.5	7.485	7.8	7.1	0.038	0.196	7.2	7.34	7.675	7.73
00400	CONVERTED PH (STANDARD UNITS)	04/06/73-10/20/93	36	7.5	7.442	7.8	7.1	0.04	0.201	7.2	7.34	7.675	7.73
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-10/20/93	36	0.032	0.036	0.079	0.016	0.	0.017	0.019	0.021	0.046	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/73-09/22/81	16	6.85	8.194	17.	4.2	13.507	3.675	4.48	6.4	8.525	16.3
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	35	128.	118.486	194.	46.	1353.61	36.791	56.6	85.	142.	157.8
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/07/86-09/29/92	12	134.5	133.5	198.	61.	1069.545	32.704	72.4	123.	145.75	186.
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	22	158.	145.136	210.	56.	1532.504	39.147	77.6	123.5	171.75	185.6
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/07/86-09/29/92	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/07/86-09/29/92	12	164.5	163.	242.	74.	1607.091	40.089	88.1	149.75	177.75	227.3
00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-06/30/82	14	0.67	0.757	1.1	0.37	0.063	0.25	0.41	0.57	1.025	1.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/06/73-09/22/81	14	0.08	0.236	1.1	0.	0.106	0.325	0.	0.008	0.4	0.885
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/20/93	33 ##	0.005	0.018	0.09	0.005	0.	0.021	0.005	0.005	0.025	0.056
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/20/93	33 ##	0.005	0.006	0.02	0.	0.	0.003	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/06/73-06/10/81	14	0.44	0.432	0.59	0.	0.021	0.146	0.18	0.378	0.53	0.585
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/20/93	34	0.1	0.286	1.5	0.01	0.11	0.332	0.05	0.1	0.445	0.735
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/20/93	33	0.4	0.568	4.4	0.	0.487	0.698	0.382	0.4	0.58	0.606
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/16/79-05/16/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/20/93	34 ##	0.005	0.01	0.04	0.	0.	0.009	0.005	0.005	0.01	0.025
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/06/73-10/17/73	4 ##	0.005	0.009	0.02	0.005	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/73-09/05/79	3	52.	54.	110.	0.	3028.	55.027	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/73-09/05/79	3	6.	4.667	8.	0.	17.333	4.163	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/73-08/01/73	2	18.5	18.5	26.	11.	112.5	10.607	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/73-08/01/73	2	9.05	9.05	12.	6.1	17.405	4.172	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/73-08/01/73	2	2.95	2.95	3.	2.9	0.005	0.071	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/06/73-08/01/73	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	04/06/73-08/01/73	2	8.	8.	11.	5.	18.	4.243	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/06/73-08/01/73	2	1.	1.	1.1	0.9	0.02	0.141	**	**	**	**

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Parameter Inventory for Station: OZAR0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/06/73-08/01/73	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/06/73-08/01/73	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/06/73-08/01/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/73-08/01/73	2	6.6	6.6	7.1	6.1	0.5	0.707	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/06/73-07/10/74	4 ##	3.	2.875	5.	0.5	6.063	2.462	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/06/73-07/10/74	4 ##	50.	137.5	400.	50.	30625.	175.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/20/93	33 ##	0.5	2.03	10.	0.	11.546	3.398	0.	0.5	1.5	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/06/73-07/10/74	4 ##	5.	7.5	20.	0.	91.667	9.574	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	04/06/73-07/10/74	4 ##	12.5	20.25	50.	6.	402.75	20.069	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/06/73-07/10/74	4 ##	10.	7.5	10.	0.	25.	5.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/06/73-08/01/73	2	95.	95.	160.	30.	8450.	91.924	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/20/93	33	3.	33.545	650.	0.5	13042.771	114.205	0.7	2.	9.5	100.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/06/73-08/01/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/06/73-07/10/74	4 ##	12.5	14.	25.	6.	63.167	7.948	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/20/93	33 ##	0.5	7.47	200.	0.	1202.296	34.674	0.	0.5	1.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/20/93	33	10.	61.212	1400.	0.	58128.172	241.098	5.	5.	30.	58.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/06/73-04/06/73	1	140.	140.	140.	140.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/06/73-04/06/73	1	2.146	2.146	2.146	2.146	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			140.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-09/23/76	6	13.5	32.083	140.	0.5	2890.042	53.759	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/73-09/23/76	6	1.073	0.895	2.146	-0.301	0.84	0.916	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.857								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	30	8.	37.683	245.	0.5	4554.232	67.485	0.55	2.	25.5	178.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	30	0.903	0.922	2.389	-0.301	0.645	0.803	-0.271	0.301	1.404	2.25
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			8.364								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	28	11.	31.	220.	0.5	2586.574	50.858	0.95	1.25	31.5	122.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	28	1.04	0.947	2.342	-0.301	0.605	0.778	-0.03	0.075	1.498	2.086
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			8.854								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/06/73-09/23/76	6	80.	216.333	950.	21.	132053.867	363.392	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/06/73-09/23/76	6	1.796	1.911	2.978	1.322	0.4	0.632	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			81.549								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/06/73-08/01/73	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/06/73-08/01/73	2	102.	102.	134.	70.	2048.	45.255	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/73-08/01/73	2	93.5	93.5	123.	64.	1740.5	41.719	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/06/73-08/01/73	2	55.45	55.45	56.1	54.8	0.845	0.919	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/06/73-08/01/73	2	0.14	0.14	0.18	0.1	0.003	0.057	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-10/20/93	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/16/79-08/27/80	4	0.04	0.095	0.3	0.	0.02	0.14	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/16/79-09/11/85	9	0.03	0.047	0.12	0.	0.001	0.037	0.	0.03	0.075	0.12
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-06/30/82	15	3.	3.36	4.9	1.6	1.133	1.064	1.84	2.6	4.6	4.9
71900	MERCURY, TOTAL (UG/L AS HG)	04/06/73-07/10/74	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	36	0	0.00	18	0	0.00	2	0	0.00	16	0	0.00			
00400	PH	Other-Hi Lim.	9.	36	0	0.00	18	0	0.00	2	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	36	0	0.00	18	0	0.00	2	0	0.00	16	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	33	0	0.00	17	0	0.00	1	0	0.00	15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	7	0	0.00	1	0	0.00	6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	33	0	0.00	17	0	0.00	1	0	0.00	15	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00	1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	29 &	1	0.03	13	0	0.00	2	0	0.00	14	1	0.07			
		Drinking Water	5.	29 &	1	0.03	13	0	0.00	2	0	0.00	14	1	0.07			
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1300.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	30 &	1	0.03	15	1	0.07	2	0	0.00	13	0	0.00			
		Drinking Water	15.	29 &	3	0.10	14	2	0.14	2	0	0.00	13	1	0.08			
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	30 &	1	0.03	14	1	0.07	2	0	0.00	14	0	0.00			
		Drinking Water	100.	33	1	0.03	16	1	0.06	2	0	0.00	15	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	33	1	0.03	16	1	0.06	2	0	0.00	15	0	0.00			
		Drinking Water	5000.	33	0	0.00	16	0	0.00	2	0	0.00	15	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	30	2	0.07	15	2	0.13	1	0	0.00	14	0	0.00			
71900	MERCURY, TOTAL	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			

& - 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: 8/01 to 10/31 - Station OZAR0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/20/93	18	14.	14.117	15.5	13.	0.299	0.547	13.27	14.	14.5	14.6
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	10	777.	777.3	787.	768.	27.344	5.229	768.5	773.75	780.5	786.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-10/20/93	18	106.	113.611	180.	88.	671.781	25.919	88.	92.75	124.	157.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/20/93	18	298.5	291.556	342.	215.	1216.497	34.878	234.8	269.25	316.	335.7
00300p	OXYGEN, DISSOLVED MG/L	04/06/73-10/20/93	18	8.95	9.061	9.8	8.4	0.227	0.477	8.49	8.725	9.625	9.8
00400p	PH (STANDARD UNITS)	04/06/73-10/20/93	18	7.5	7.509	7.8	7.2	0.034	0.185	7.2	7.38	7.7	7.8
00400p	CONVERTED PH (STANDARD UNITS)	04/06/73-10/20/93	18	7.5	7.472	7.8	7.2	0.036	0.189	7.2	7.38	7.7	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-10/20/93	18	0.032	0.034	0.063	0.016	0.	0.015	0.016	0.02	0.042	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	17	140.	144.059	194.	107.	425.184	20.62	111.	133.	155.5	176.4
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	11	170.	169.455	210.	130.	501.473	22.394	131.2	160.	180.	205.6
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/20/93	16 ##	0.005	0.019	0.09	0.005	0.001	0.027	0.005	0.005	0.02	0.076
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/20/93	17 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/20/93	17	0.12	0.255	0.8	0.05	0.054	0.232	0.05	0.1	0.44	0.696
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/20/93	17	0.4	0.691	4.4	0.36	0.922	0.96	0.368	0.4	0.585	1.384
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/20/93	17 ##	0.005	0.008	0.02	0.	0.	0.005	0.004	0.005	0.01	0.02
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/20/93	16 ##	0.5	2.438	10.	0.	14.429	3.799	0.	0.5	2.	10.
01051p	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/20/93	16	4.	52.5	650.	0.5	25981.4	161.187	0.5	2.5	18.5	265.
01077p	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/20/93	16 ##	0.5	14.188	200.	0.	2465.763	49.656	0.	0.5	1.75	67.
01092p	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/20/93	16	15.	109.688	1400.	0.	119008.229	344.976	0.	5.	40.	476.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	15	6.	45.667	245.	0.5	6823.488	82.604	0.5	1.	24.	218.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	15	0.778	0.87	2.389	-0.301	0.816	0.903	-0.301	0.	1.38	2.336
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			7.408								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	13	6.	28.615	220.	1.	3741.756	61.17	1.	1.	22.	162.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	13	0.778	0.785	2.342	0.	0.59	0.768	0.	0.	1.292	2.158
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6.1								

** - 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: 11/01 to 4/20 - Station OZAR0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/20/93	2	12.75	12.75	14.	11.5	3.125	1.768	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	1	778.	778.	778.	778.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-10/20/93	2	194.5	194.5	290.	99.	18240.5	135.057	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/20/93	2	209.5	209.5	301.	118.	16744.5	129.401	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/06/73-10/20/93	2	9.6	9.6	10.6	8.6	2.	1.414	**	**	**	**
00400p	PH (STANDARD UNITS)	04/06/73-10/20/93	2	7.45	7.45	7.8	7.1	0.245	0.495	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/06/73-10/20/93	2	7.322	7.322	7.8	7.1	0.278	0.527	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-10/20/93	2	0.048	0.048	0.079	0.016	0.002	0.045	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	2	94.	94.	142.	46.	4608.	67.882	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/20/93	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/20/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/20/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/20/93	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/20/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/20/93	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/20/93	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01077p	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/20/93	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01092p	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/20/93	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	1	62.	62.	62.	62.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	1	1.792	1.792	1.792	1.792	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			62.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	1	1.342	1.342	1.342	1.342	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0022

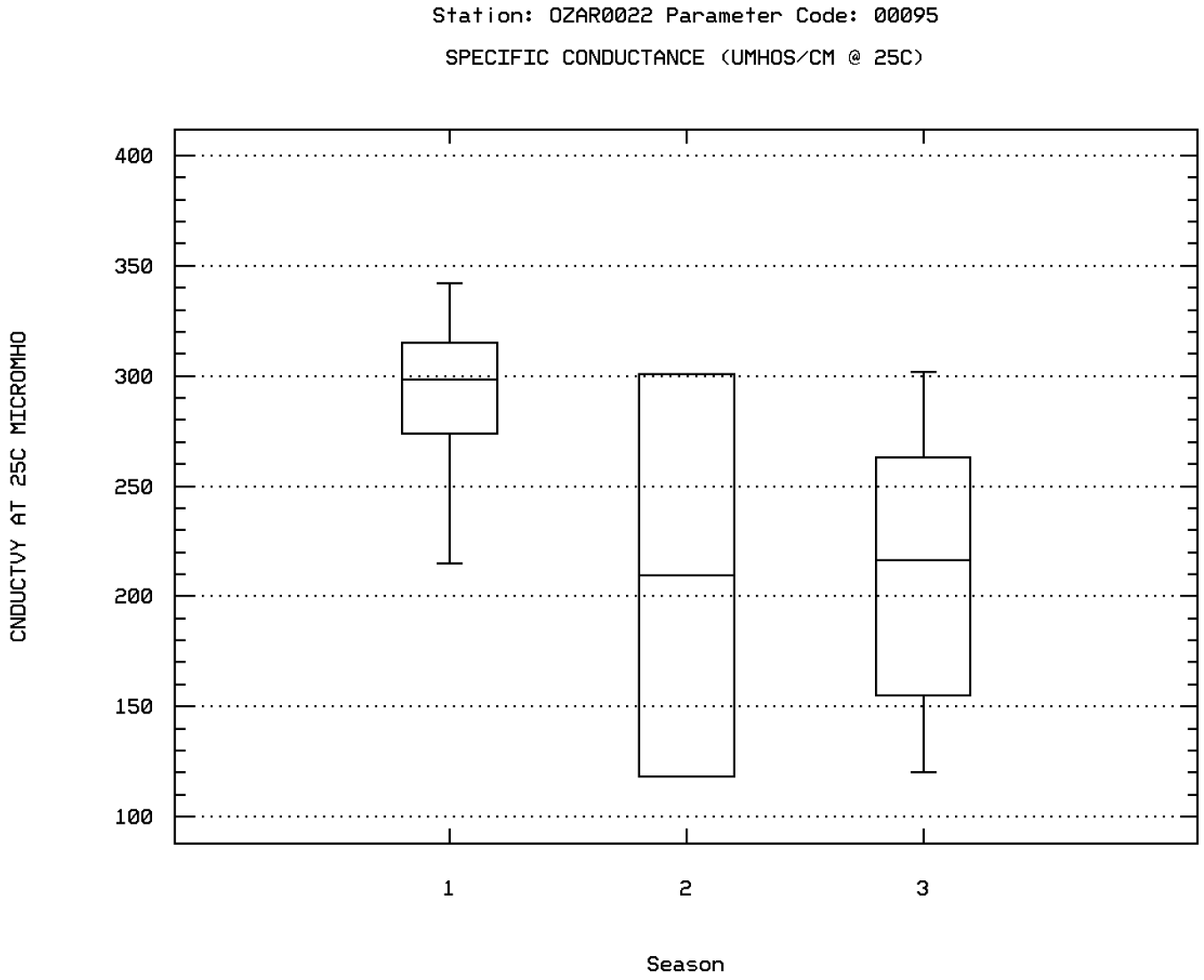
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/73-10/20/93	16	13.5	13.344	14.5	12.	0.491	0.7	12.	13.	14.	14.15
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	8	770.5	771.875	779.	764.	26.125	5.111	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/73-10/20/93	16	162.	168.438	273.	102.	3031.329	55.058	110.4	118.	213.75	259.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/73-10/20/93	16	216.5	214.	302.	120.	3397.467	58.288	134.	152.5	264.5	285.9
00300p	OXYGEN, DISSOLVED MG/L	04/06/73-10/20/93	16	9.45	9.337	11.7	8.	0.73	0.855	8.28	8.65	9.75	10.51
00400p	PH (STANDARD UNITS)	04/06/73-10/20/93	16	7.45	7.462	7.7	7.1	0.033	0.182	7.17	7.325	7.6	7.7
00400p	CONVERTED PH (STANDARD UNITS)	04/06/73-10/20/93	16	7.447	7.426	7.7	7.1	0.035	0.186	7.17	7.325	7.6	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/73-10/20/93	16	0.036	0.038	0.079	0.02	0.	0.017	0.02	0.025	0.048	0.068
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/73-09/29/92	16	92.5	94.375	134.	56.	866.25	29.432	56.	62.	124.75	131.2
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/73-05/24/89	10	136.	127.3	164.	68.	1059.567	32.551	71.2	100.	157.5	163.8
00445	CARBONATE ION (MG/L AS CO3)	04/06/73-05/24/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/73-10/20/93	15 ##	0.01	0.017	0.06	0.005	0.	0.016	0.005	0.005	0.03	0.042
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/20/93	15 ##	0.005	0.006	0.02	0.	0.	0.005	0.	0.005	0.01	0.014
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/73-10/20/93	15	0.1	0.349	1.5	0.01	0.187	0.433	0.034	0.07	0.5	1.26
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/20/93	15	0.42	0.44	0.6	0.	0.022	0.147	0.24	0.4	0.58	0.6
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/06/73-10/20/93	15	0.01	0.014	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.034
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/06/73-10/20/93	15 ##	0.5	1.833	10.	0.	10.238	3.2	0.	0.5	1.	9.4
01051p	LEAD, TOTAL (UG/L AS PB)	04/06/73-10/20/93	15	3.	17.533	100.	0.5	1147.374	33.873	0.8	1.	11.	100.
01077p	SILVER, TOTAL (UG/L AS AG)	04/06/73-10/20/93	15 ##	0.5	1.2	10.	0.	6.064	2.463	0.	0.5	1.	4.6
01092p	ZINC, TOTAL (UG/L AS ZN)	04/06/73-10/20/93	15	10.	15.333	40.	5.	119.524	10.933	5.	5.	20.	34.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	14	9.	27.393	180.	0.5	2578.007	50.774	0.75	2.	18.75	140.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	14	0.952	0.917	2.255	-0.301	0.498	0.706	-0.151	0.301	1.251	2.128
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			8.257								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	14	21.	33.857	140.	0.5	1897.478	43.56	0.5	2.5	42.	130.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	14	1.322	1.069	2.146	-0.301	0.658	0.811	-0.301	0.358	1.622	2.113
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			11.727								

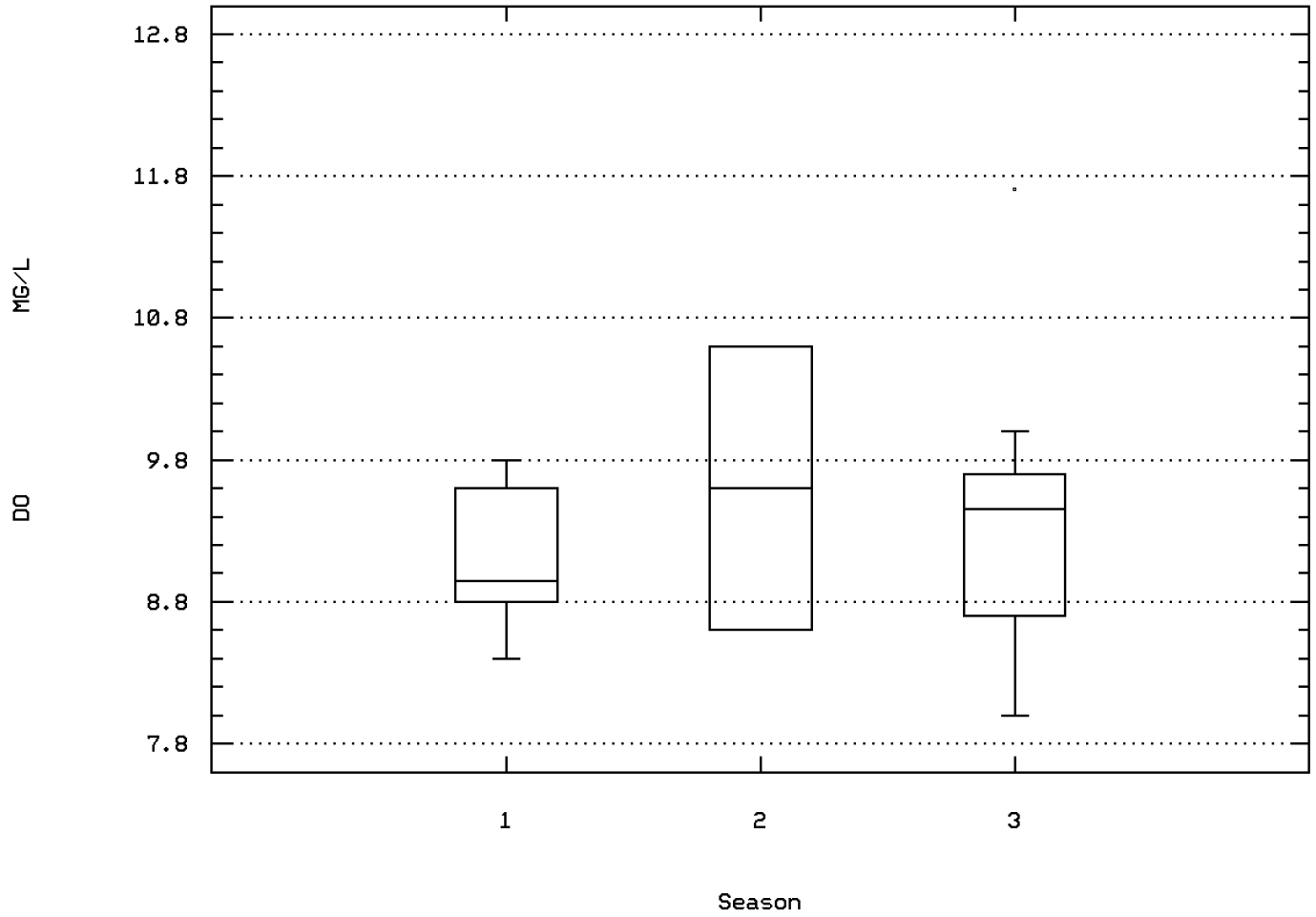
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



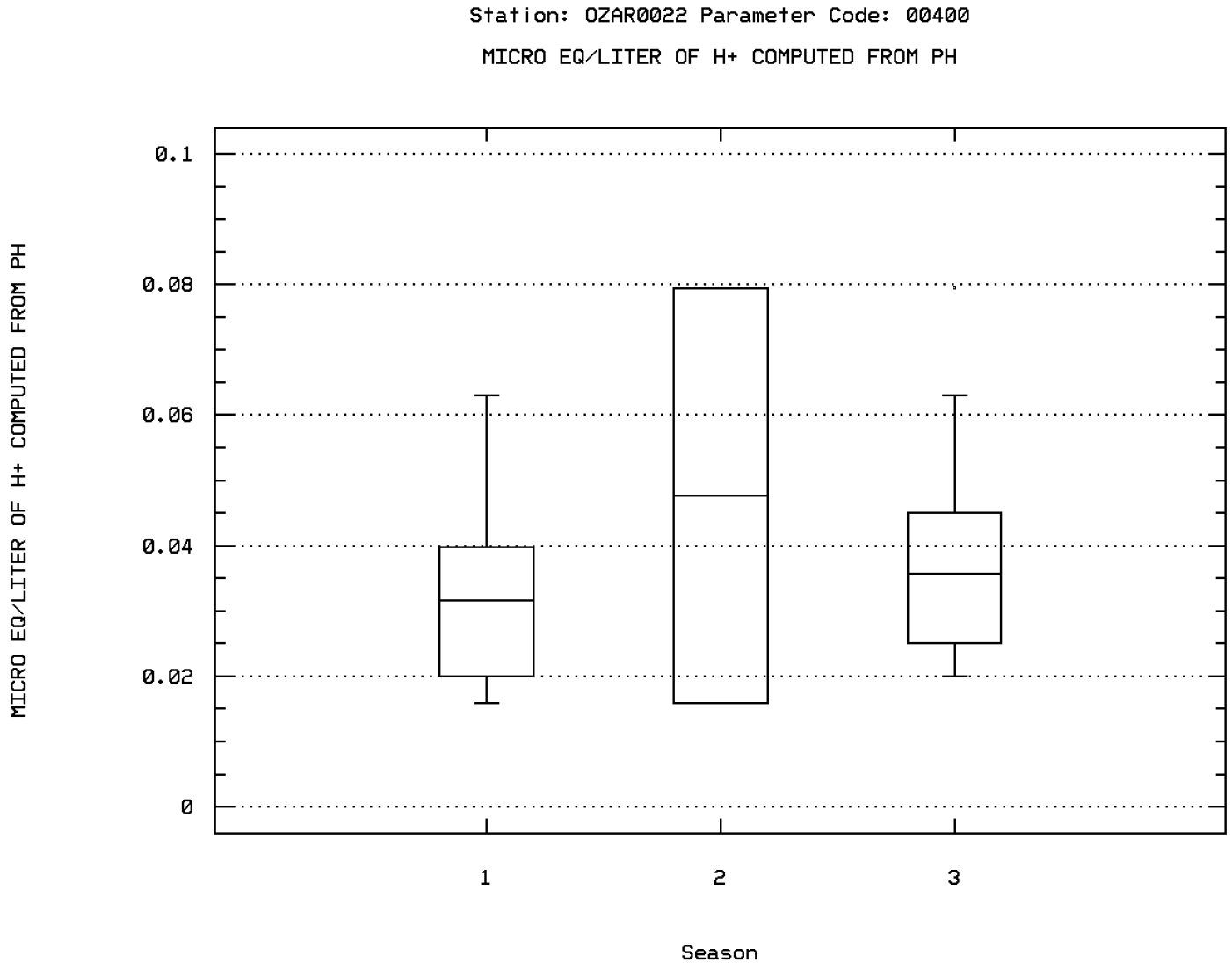
BLUE SPRING NEAR EMINENCE, MO.

Station: OZAR0022 Parameter Code: 00300

OXYGEN, DISSOLVED



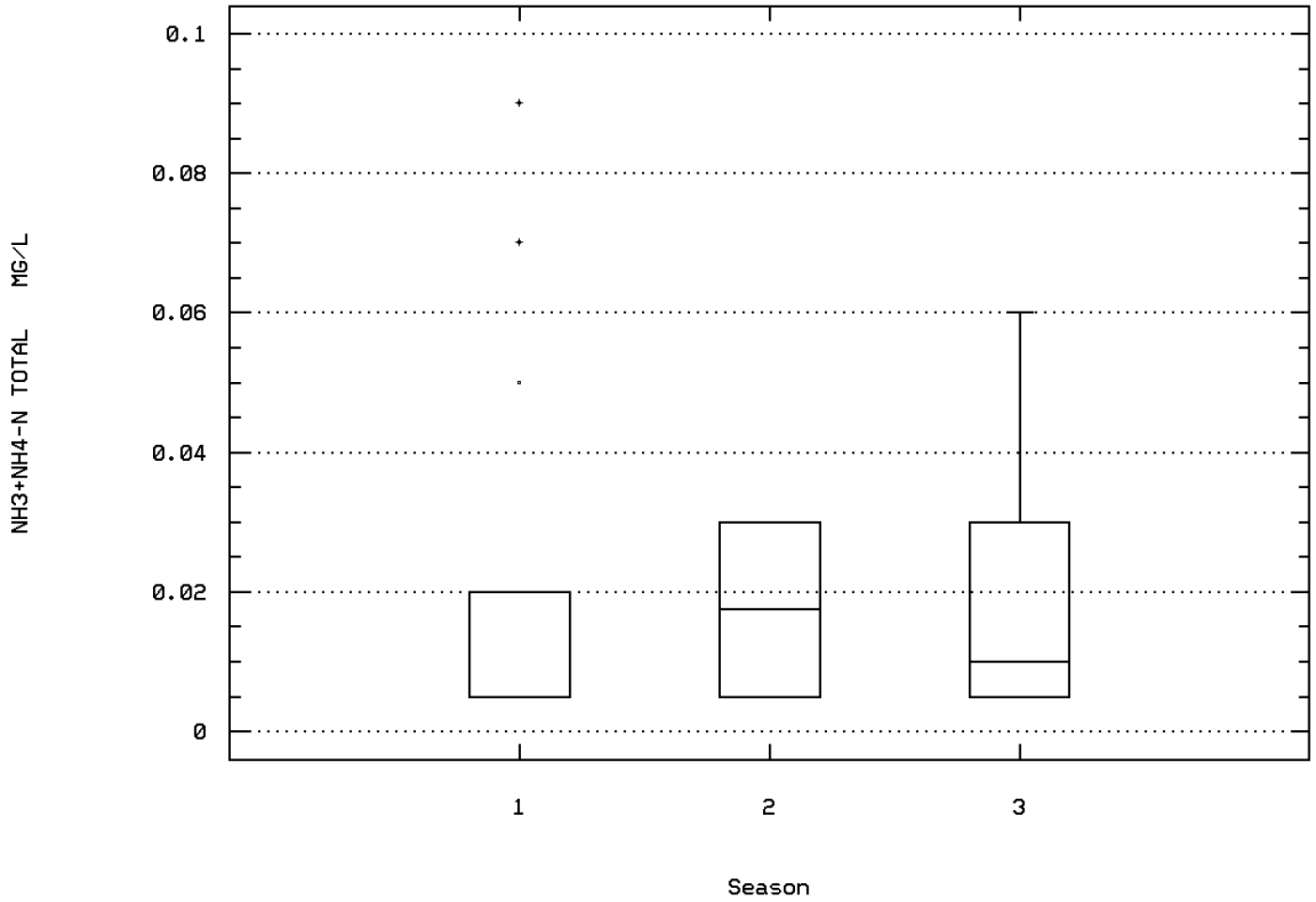
BLUE SPRING NEAR EMINENCE, MO.



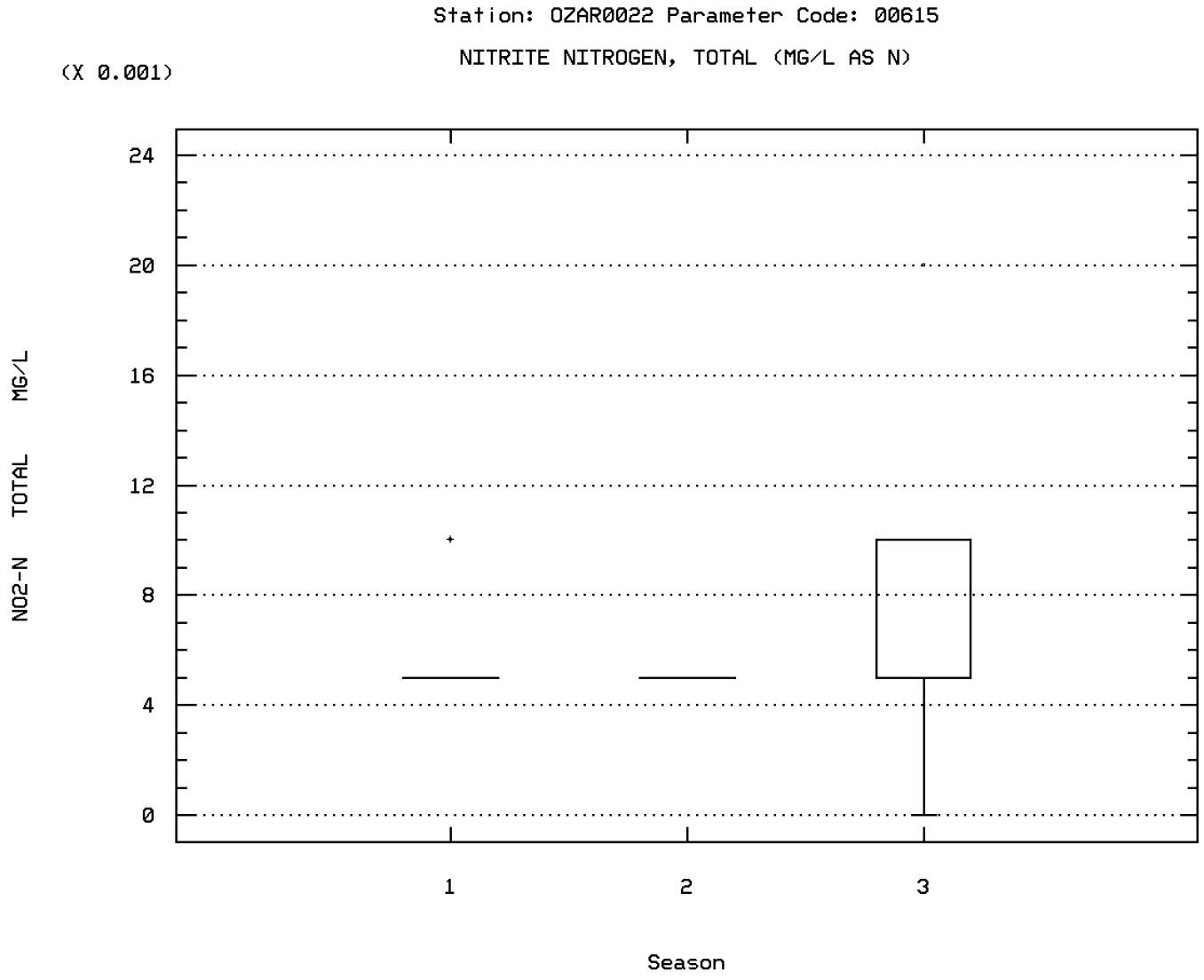
BLUE SPRING NEAR EMINENCE, MO.

Station: OZAR0022 Parameter Code: 00610

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



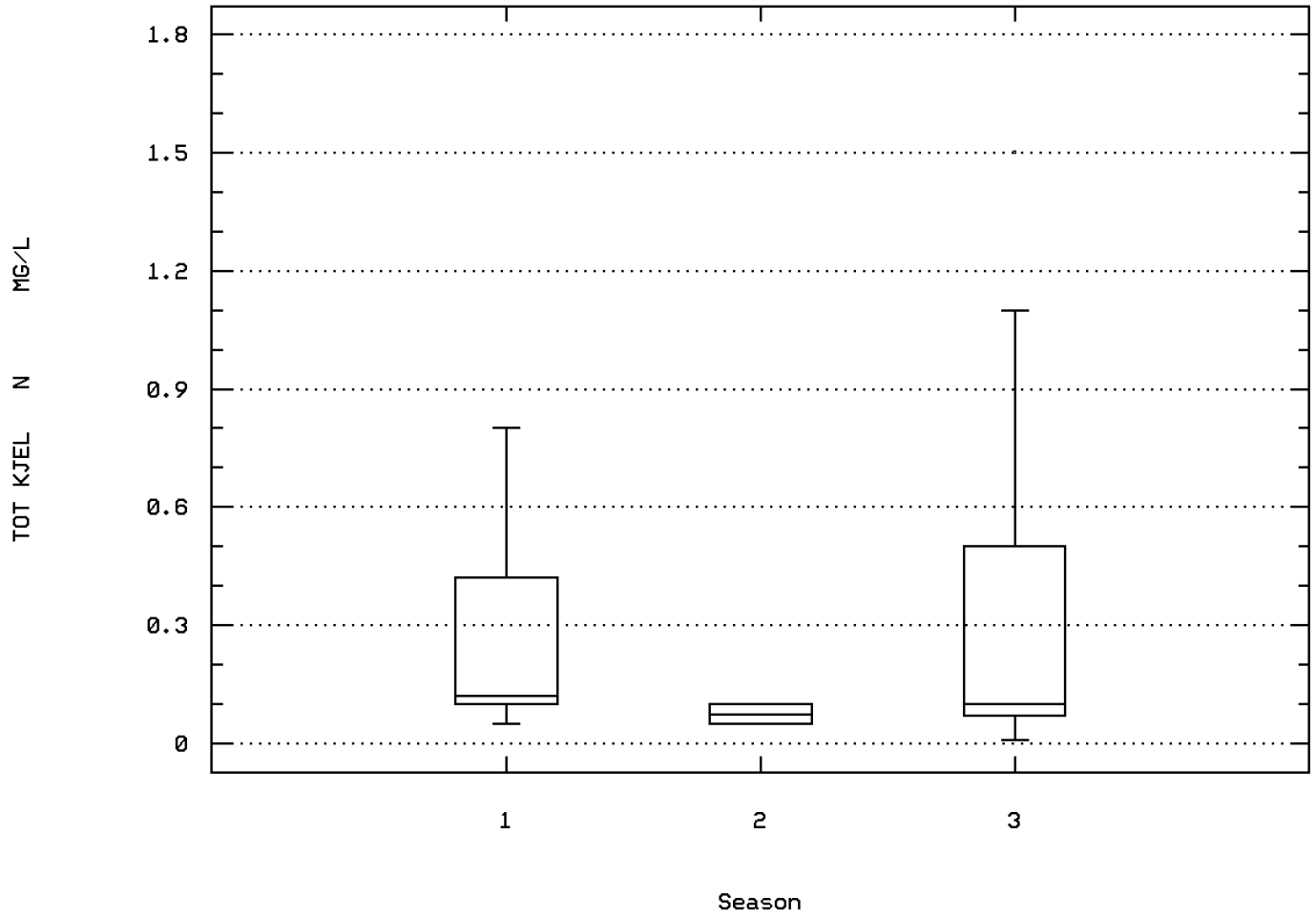
BLUE SPRING NEAR EMINENCE, MO.



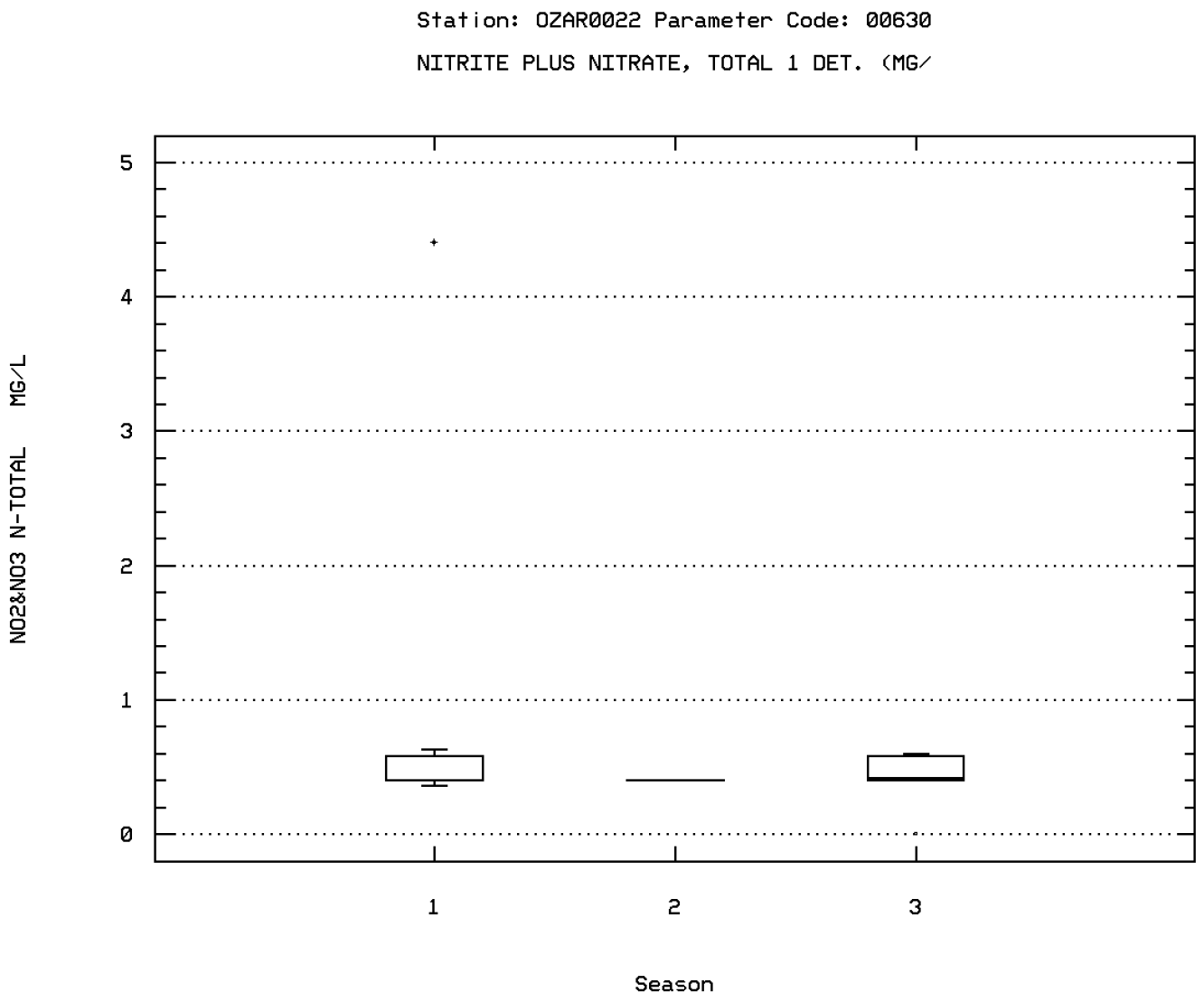
BLUE SPRING NEAR EMINENCE, MO.

Station: OZAR0022 Parameter Code: 00625

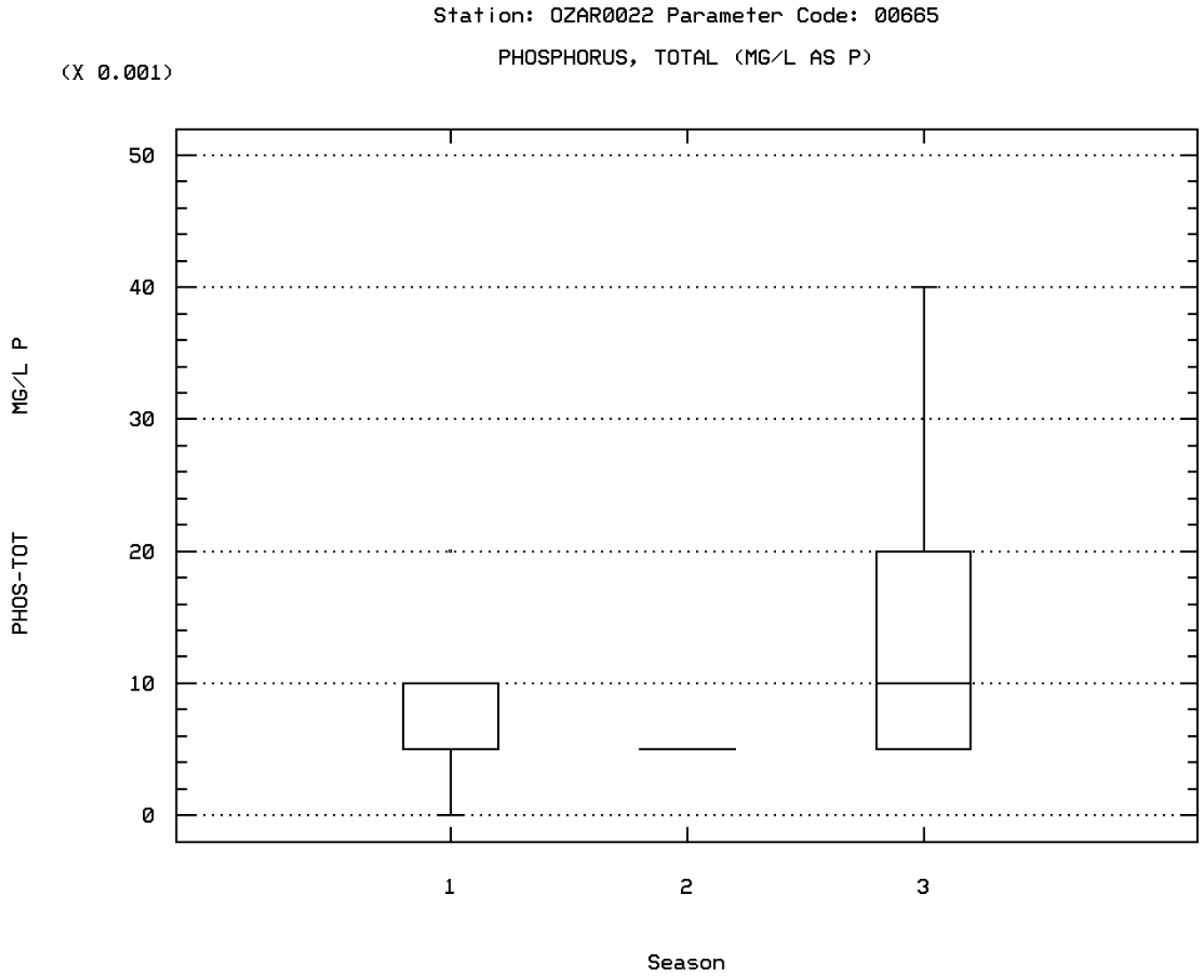
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



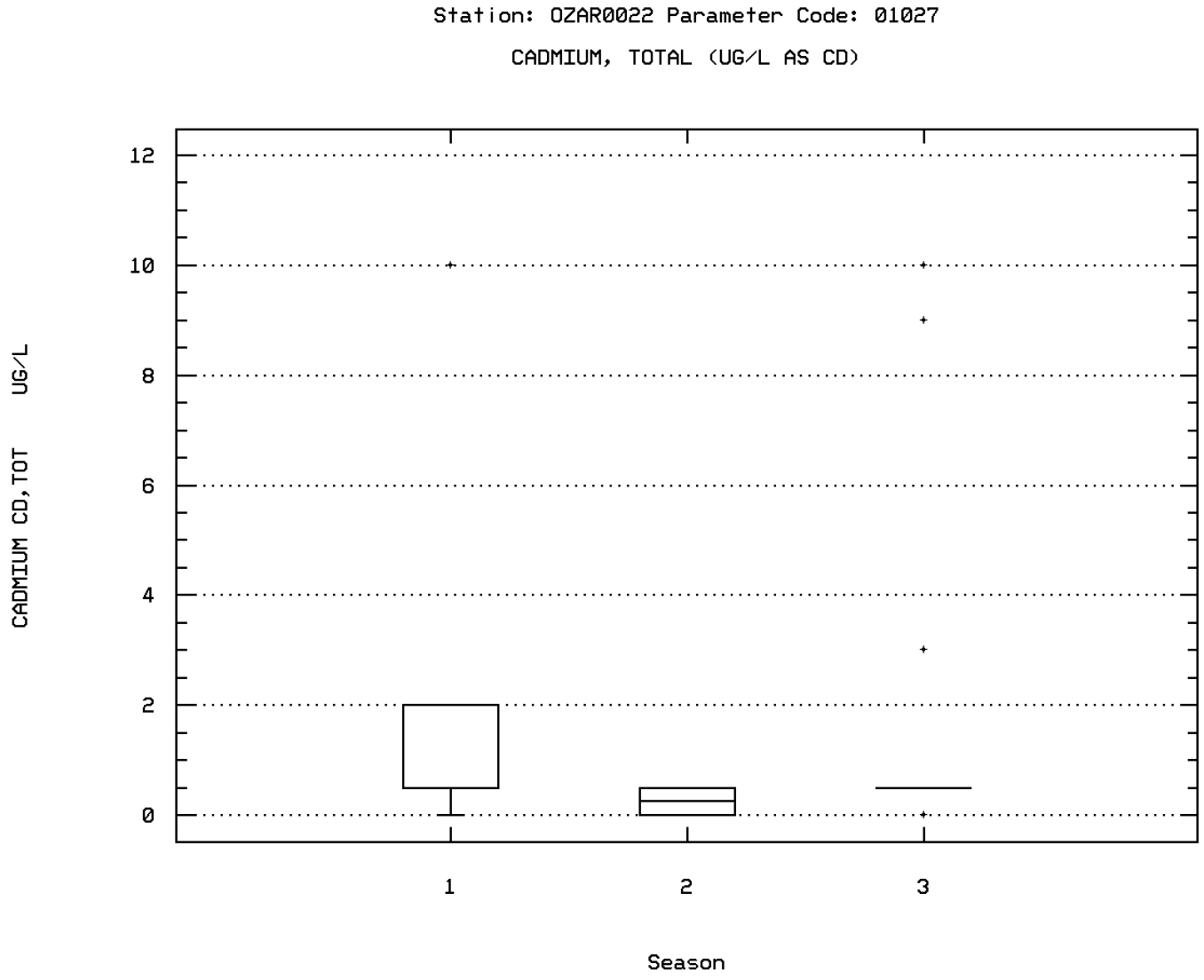
BLUE SPRING NEAR EMINENCE, MO.



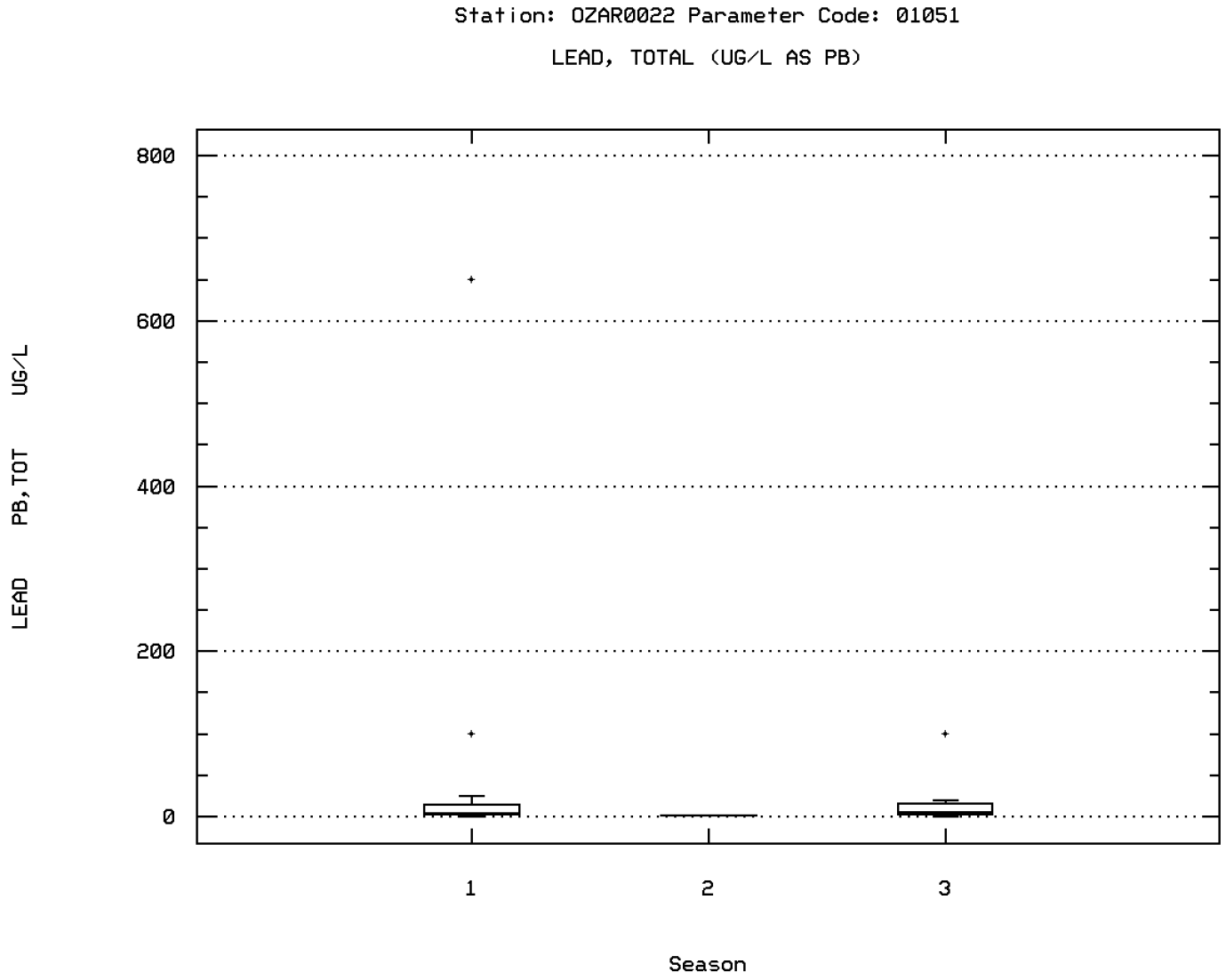
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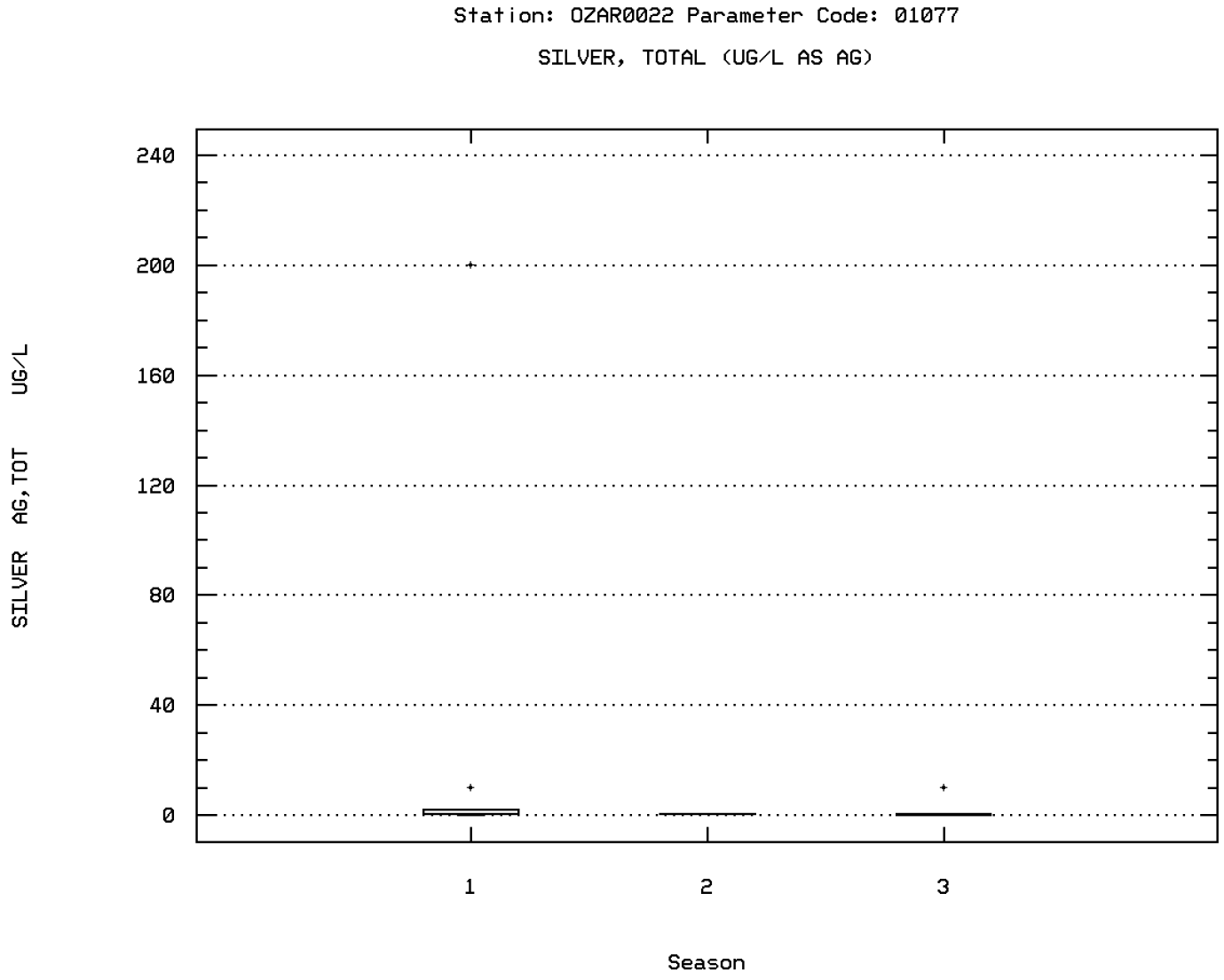
BLUE SPRING NEAR EMINENCE, MO.



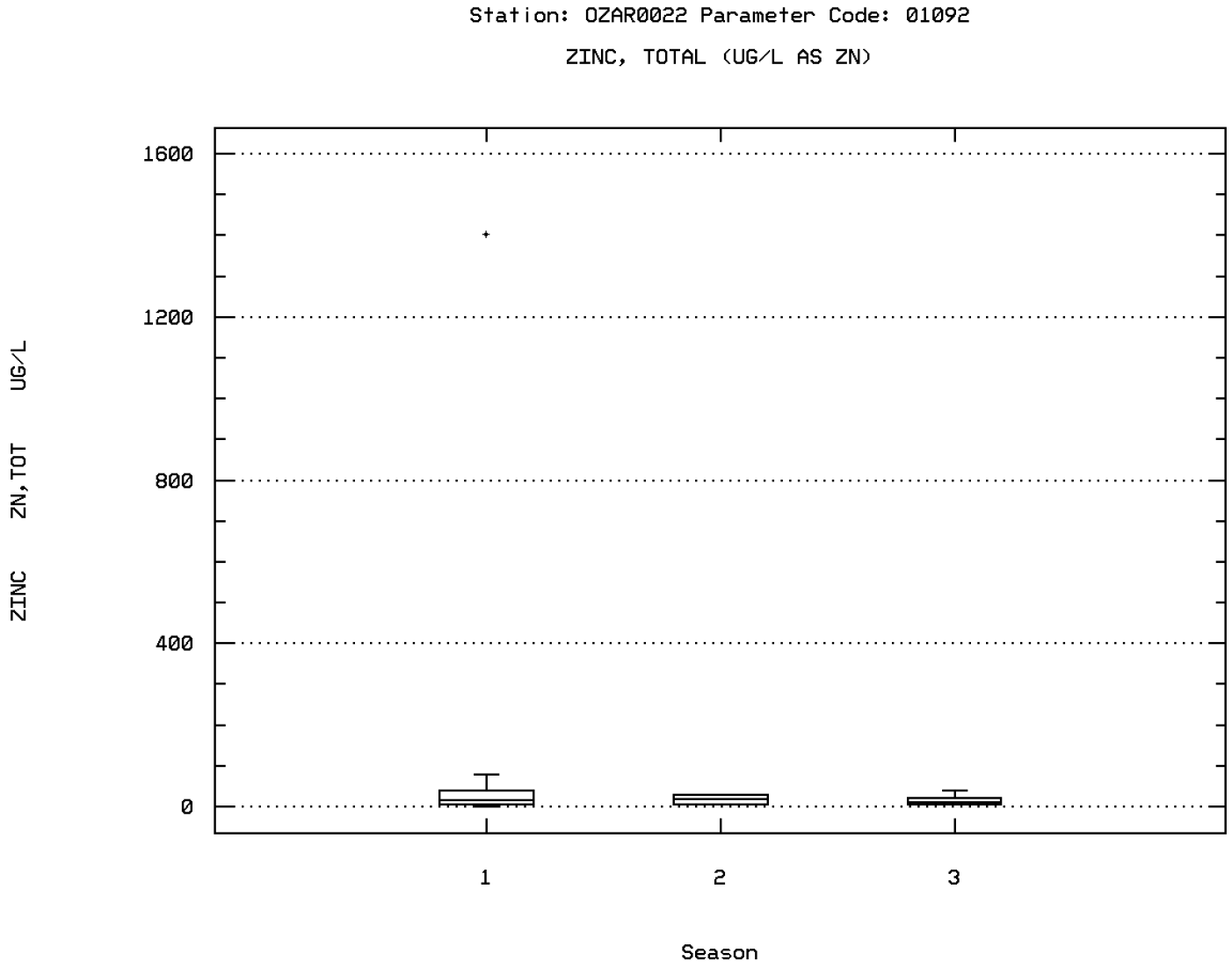
BLUE SPRING NEAR EMINENCE, MO.



BLUE SPRING NEAR EMINENCE, MO.



BLUE SPRING NEAR EMINENCE, MO.



BLUE SPRING NEAR EMINENCE, MO.

Station Inventory for Station: OZAR0023

NPS Station ID: OZAR0023
LAT/LON: 37.166115/ -91.163060
Agency: 112WRD
Date Created: 02/28/78
Location: T29N R02W 21ADD1
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370958091094701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 9.40
On/Off RF1:
RF3 Index: 11010008156400.91
RF3 Mile Point: 1.39
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	04/27/71-04/27/71	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/27/71-04/27/71	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/71-04/27/71	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/71-04/27/71	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/27/71-04/27/71	1	157.	157.	157.	157.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/27/71-04/27/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/27/71-04/27/71	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/71-04/27/71	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/27/71-04/27/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/27/71-04/27/71	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/27/71-04/27/71	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/27/71-04/27/71	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/27/71-04/27/71	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/27/71-04/27/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/27/71-04/27/71	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/27/71-04/27/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/27/71-04/27/71	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/71-04/27/71	1	161.	161.	161.	161.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/27/71-04/27/71	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	04/27/71-04/27/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	04/27/71-04/27/71	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: OZAR0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
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: OZAR0024

NPS Station ID: OZAR0024
LAT/LON: 37.167226/ -91.163892
Agency: 112WRD
Date Created: 04/14/78
Location: BLUE SPRING WELL
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 371002091095001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 11010008003700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/77-07/26/77	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/26/77-07/26/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/77-07/26/77	1	450.	450.	450.	450.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/26/77-07/26/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/26/77-07/26/77	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/26/77-07/26/77	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/77-07/26/77	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/26/77-07/26/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/26/77-07/26/77	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/26/77-07/26/77	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/26/77-07/26/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/26/77-07/26/77	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/26/77-07/26/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/77-07/26/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/26/77-07/26/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/77-07/26/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/26/77-07/26/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/26/77-07/26/77	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/26/77-07/26/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/26/77-07/26/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/26/77-07/26/77	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/26/77-07/26/77	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/77-07/26/77	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/77-07/26/77	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/77-07/26/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/26/77-07/26/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/26/77-07/26/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/77-07/26/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/26/77-07/26/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/26/77-07/26/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/77-07/26/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/77-07/26/77	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/26/77-07/26/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/26/77-07/26/77	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/26/77-07/26/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/26/77-07/26/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/26/77-07/26/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/26/77-07/26/77	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

Parameter Inventory for Station: OZAR0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	07/26/77-07/26/77	1	620.	620.	620.	620.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/26/77-07/26/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/26/77-07/26/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/26/77-07/26/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/77-07/26/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/26/77-07/26/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/26/77-07/26/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/26/77-07/26/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/26/77-07/26/77	1	269.	269.	269.	269.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/26/77-07/26/77	1	242.	242.	242.	242.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/26/77-07/26/77	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/26/77-07/26/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/26/77-07/26/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OZAR0025

NPS Station ID: OZAR0025 | LAT/LON: 37.166115/ -91.164449 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: BLUE SPRING - CURRENT RIVER | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): BLSP
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. AKERMAN OF THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION IN FORT COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/17/83	14	15.	14.957	15.6	13.8	0.192	0.438	14.1	15.	15.	15.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	8	202.5	198.125	230.	160.	563.839	23.745	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/02/83-09/04/83	5	10.4	10.6	12.3	8.9	1.705	1.306	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/17/83	8	7.8	7.725	8.6	6.6	0.419	0.648	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/17/83	8	7.755	7.299	8.6	6.6	0.626	0.792	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/17/83	8	0.018	0.05	0.251	0.003	0.007	0.083	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/17/83	7	136.	136.571	150.	116.	108.619	10.422	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	5	0.3	0.274	0.32	0.2	0.003	0.052	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/19/83-08/23/83	4	0.22	0.188	0.3	0.01	0.016	0.125	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	13	0.	1.846	8.	0.	9.641	3.105	0.	0.	4.	8.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	13	0.	0.232	0.903	0.	0.138	0.372	0.	0.	0.602	0.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.704								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/28/83	3	32.	24.	40.	0.	448.	21.166	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/28/83	3	1.505	1.036	1.602	0.	0.807	0.898	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10.858								

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

EPA Water Quality Criteria Analysis for Station: OZAR0025

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			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.	5	0	0.00	3	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00				4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	1	0	0.00				3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	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

Station Inventory for Station: OZAR0026

NPS Station ID: OZAR0026
LAT/LON: 37.180003/ -91.172782
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER BELOW POWDER MILL
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07066540
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008024
RF1 Mile Point: 3.480
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008004304.43
RF3 Mile Point: 4.43
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/73-10/17/73	3	19.	18.667	21.5	15.5	9.083	3.014	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/21/73-10/17/73	3	1490.	1436.667	1570.	1250.	27733.333	166.533	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/73-10/17/73	3	307.	312.	322.	307.	75.	8.66	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/73-10/17/73	3	9.	9.033	10.1	8.	1.103	1.05	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/73-10/17/73	3	101.	95.667	101.	85.	85.333	9.238	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/21/73-06/21/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/21/73-10/17/73	3	8.1	8.067	8.1	8.	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/21/73-10/17/73	3	8.1	8.064	8.1	8.	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/73-10/17/73	3	0.008	0.009	0.01	0.008	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/21/73-10/17/73	3	2.6	2.733	3.1	2.5	0.103	0.321	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/21/73-10/17/73	3	161.	161.667	167.	157.	25.333	5.033	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/21/73-10/17/73	3	196.	197.333	204.	192.	37.333	6.11	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/21/73-10/17/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/17/73	3	0.47	0.483	0.58	0.4	0.008	0.091	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/21/73-10/17/73	3	0.1	0.107	0.17	0.05	0.004	0.06	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/21/73-10/17/73	3	0.03	0.022	0.03	0.005	0.	0.014	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/17/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/21/73-10/17/73	3	0.35	0.353	0.38	0.33	0.001	0.025	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/21/73-10/17/73	3	0.13	0.127	0.2	0.05	0.006	0.075	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/73-10/17/73	3	0.35	0.357	0.38	0.34	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/21/73-10/17/73	3	0.04	0.05	0.1	0.01	0.002	0.046	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/21/73-10/17/73	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/21/73-10/17/73	3	10.	10.667	18.	4.	49.333	7.024	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/21/73-10/17/73	3	1.	0.952	1.255	0.602	0.108	0.329	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.963								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/21/73-10/17/73	3	52.	58.	84.	38.	556.	23.58	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/21/73-10/17/73	3	1.716	1.74	1.924	1.58	0.03	0.173	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			54.957								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/21/73-10/17/73	3	2.1	2.167	2.6	1.8	0.163	0.404	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	2	0	0.00				1	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	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: OZAR0027

NPS Station ID: OZAR0027 | LAT/LON: 37.180838/ -91.174448 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: POWDER MILL - BELOW CAMP | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMBC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED JUST DOWNSTREAM FROM THE LAST CAMPSITE IN THE POWDER MILL CAMPGROUND.

Parameter Inventory for Station: OZAR0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-06/12/91	29	23.3	22.569	25.6	17.8	4.236	2.058	19.1	21.4	23.9	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/12/91-06/12/91	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/91-06/12/91	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/83-08/14/83	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/12/91-06/12/91	1	8.26	8.26	8.26	8.26	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/12/91-06/12/91	1	8.26	8.26	8.26	8.26	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/91-06/12/91	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/91-06/12/91	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/90-08/08/90	5	0.4	0.39	0.46	0.32	0.003	0.051	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/90-08/08/90	5	0.007	0.007	0.008	0.005	0.	0.001	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/12/91	33	17.	28.788	208.	0.	1379.672	37.144	4.	9.	34.5	54.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/12/91	33	1.23	1.245	2.318	0.	0.201	0.449	0.602	0.952	1.537	1.735
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.569								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/12/91	20	50.	93.1	580.	0.	20348.726	142.649	0.	17.25	78.	357.1
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/12/91	20	1.699	1.527	2.763	0.	0.598	0.773	0.	1.227	1.892	2.545
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			33.684								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/13/90-08/08/90	5	0.7	0.66	0.9	0.3	0.053	0.23	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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									
00406	PH, FIELD	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	1	0.03	17	1	0.06				16	0	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: 8/01 to 10/31 - Station OZAR0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/12/91	17	16.	34.588	208.	4.	2433.882	49.334	4.	8.	36.	108.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/12/91	17	1.204	1.285	2.318	0.602	0.211	0.459	0.602	0.903	1.554	2.003
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.271								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/12/91	9	52.	141.333	580.	0.	39464.	198.655	0.	38.	224.	580.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/12/91	9	1.716	1.732	2.763	0.	0.606	0.779	0.	1.579	2.216	2.763
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			53.897								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/12/91	16	18.5	22.625	52.	0.	268.517	16.386	2.8	10.	35.25	49.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/12/91	16	1.266	1.202	1.716	0.	0.201	0.448	0.421	1.	1.547	1.692
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.926								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/12/91	11	32.	53.636	187.	0.	3284.455	57.31	0.	12.	80.	172.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/12/91	11	1.505	1.36	2.272	0.	0.583	0.764	0.	1.079	1.903	2.23
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.93								

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

Station Inventory for Station: OZAR0028

NPS Station ID: OZAR0028
LAT/LON: 37.184726/ -91.175004
Agency: 112WRD
Date Created: 02/28/78
Location: T29N R02W 16BBA1
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371105091103000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008024
RF1 Mile Point: 3.970
Distance from RF1: 1.30
On/Off RF1: ON
RF3 Index: 11010008011100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/68-09/24/68	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/26/67-09/24/68	3	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/67-09/24/68	3	370.	359.333	381.	327.	814.333	28.537	**	**	**	**
00400	PH (STANDARD UNITS)	10/26/67-09/24/68	3	7.8	7.767	7.9	7.6	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/26/67-09/24/68	3	7.8	7.748	7.9	7.6	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/26/67-09/24/68	3	0.016	0.018	0.025	0.013	0.	0.007	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/26/67-09/24/68	4	233.5	230.	244.	209.	258.	16.062	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/26/67-09/24/68	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/26/67-09/24/68	3	0.07	0.287	0.79	0.	0.191	0.437	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/67-09/24/68	3	0.	0.007	0.02	0.	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/67-09/24/68	3	0.	0.002	0.007	0.	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/67-09/24/68	4	197.	193.75	206.	175.	180.25	13.426	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/26/67-09/24/68	4	6.	5.25	9.	0.	16.917	4.113	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/26/67-09/24/68	4	41.	40.5	43.	37.	7.	2.646	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/67-09/24/68	4	23.	22.5	24.	20.	3.	1.732	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/67-09/24/68	3	3.2	3.5	4.7	2.6	1.17	1.082	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/67-09/24/68	3	0.5	0.533	0.6	0.5	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/67-09/24/68	3	4.	4.	5.	3.	1.	1.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/67-09/24/68	3	4.	4.667	6.	4.	1.333	1.155	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/26/67-09/24/68	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/67-09/24/68	3	7.1	7.567	8.8	6.8	1.163	1.079	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/26/67-09/24/68	3	211.	210.333	226.	194.	256.333	16.01	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/26/67-09/24/68	3	204.	198.	210.	180.	252.	15.875	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/26/67-09/24/68	3	0.3	1.267	3.5	0.	3.763	1.94	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/26/67-09/24/68	3	10.	6.667	10.	0.	33.333	5.774	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/68-09/24/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0028

Parameter				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			

& - 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: OZAR0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	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: OZAR0029

NPS Station ID: OZAR0029 LAT/LON: 37.181476/ -91.175671 Agency: 21MO0001 Date Created: 05/11/85
Location: T29N, R2W, SECTION 16, SW, NW, HIGHWAY 106 FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 11010008024
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: CURRENT RIVER ECO Region:
RF1 Index: 11010008024 RF1 Mile Point: 3.720 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008004900.00 RF3 Mile Point: 0.29 Distance from RF3: 0.01 On/Off RF3:
Description:
COUNTY: SHANNON CITY: POWDER MILL FERRY ESTABLISHED FOR: CURRENT R. SOME LIMNOLOGICAL CHARACTERISTICS OF SIX OZARK STREAMS BY HUGH F. CLIFFORD.

Parameter Inventory for Station: OZAR0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/27/61-11/07/61	8	62.5	63.375	77.	49.	76.839	8.766	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/61-11/07/61	8	3.	11.5	66.	1.	492.857	22.2	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/61-11/07/61	8	291.5	277.25	360.	159.	4875.357	69.824	**	**	**	**
00400	PH (STANDARD UNITS)	06/21/61-11/07/61	5	7.9	7.82	8.	7.5	0.047	0.217	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/21/61-11/07/61	5	7.9	7.774	8.	7.5	0.05	0.223	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/61-11/07/61	5	0.013	0.017	0.032	0.01	0.	0.009	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/21/61-11/07/61	5	4.5	5.68	10.	3.4	7.187	2.681	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/27/61-11/07/61	8	165.	163.25	186.	132.	437.643	20.92	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/27/61-11/07/61	6	0.	0.001	0.002	0.	0.	0.001	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/61-11/07/61	7	0.006	0.006	0.01	0.005	0.	0.002	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/61-11/07/61	8	7.6	7.763	9.	6.6	0.663	0.814	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/27/61-11/07/61	7	0.2	0.229	0.3	0.2	0.002	0.049	**	**	**	**

** - 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: OZAR0029

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	1	0.13	2	0	0.00	2	0	0.00	4	1	0.25			
00400	PH	Other-Hi Lim.	9.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			

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

Station Inventory for Station: OZAR0030

NPS Station ID: OZAR0030
LAT/LON: 37.181671/ -91.176949
Agency: 11NPSWRD
Date Created: 06/10/95
Location: POWDER MILL - ACCESS
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PMAC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: S. CENTRAL LOWER MISS R.
Elevation: 0
Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED AT THE OWLS BEND/POWDER MILL CANOE AND BOAT ACCESS. COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0030

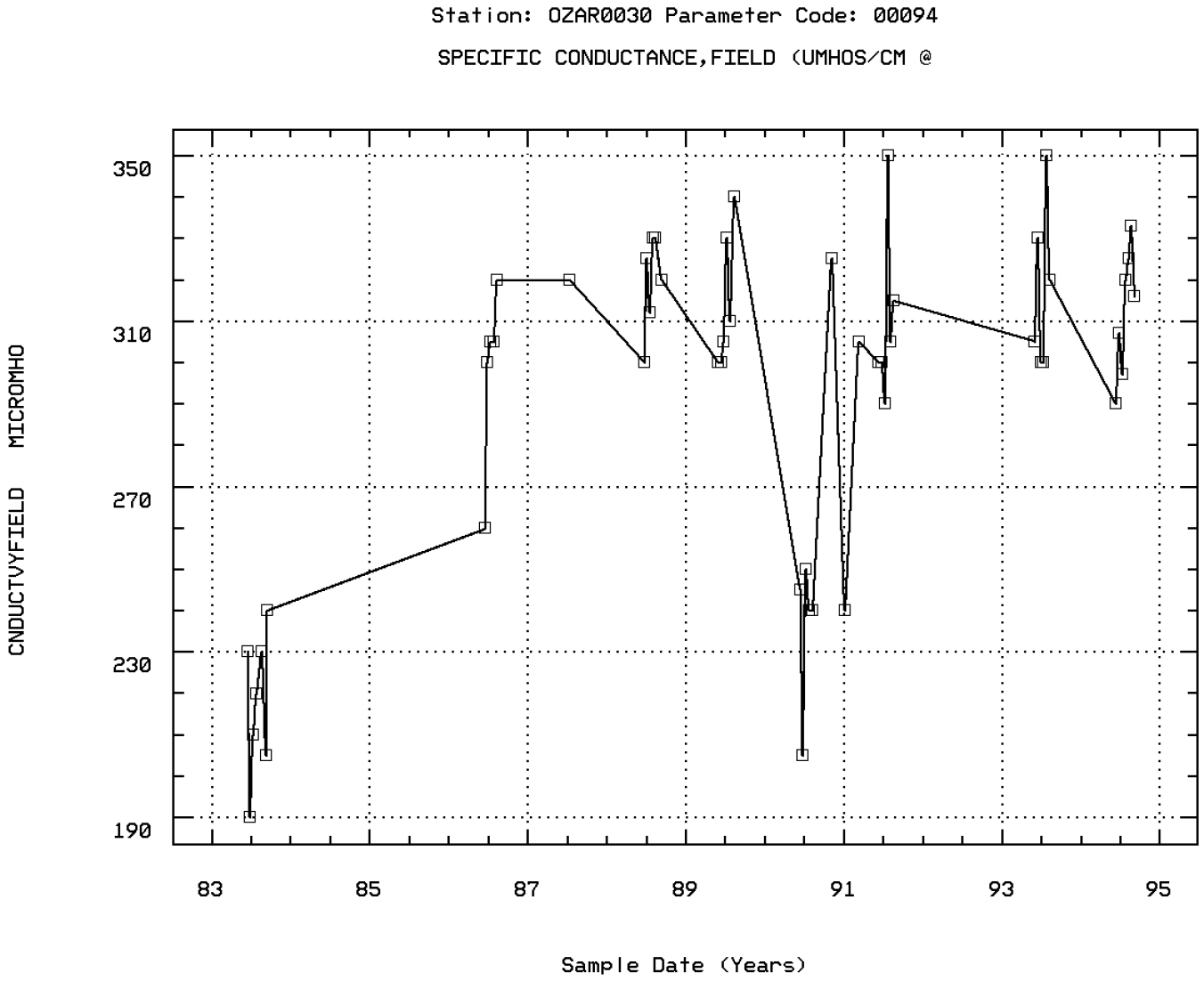
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	63	22.	21.443	26.	6.9	10.092	3.177	19.	20.6	23.3	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/27/87-08/10/93	34	26.	24.665	33.	2.3	34.405	5.866	17.05	23.	28.	29.65
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	52	305.	291.154	350.	190.	1729.466	41.587	223.	252.5	320.	330.
00300	OXYGEN, DISSOLVED MG/L	07/02/83-09/06/94	8	9.1	9.038	9.5	8.4	0.131	0.362	**	**	**	**
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	40	8.12	8.02	8.6	6.6	0.147	0.383	7.51	7.8	8.248	8.487
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	40	8.12	7.757	8.6	6.6	0.217	0.466	7.51	7.8	8.247	8.487
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	40	0.008	0.017	0.251	0.003	0.002	0.039	0.003	0.006	0.016	0.031
00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/10/93	13	8.03	8.	8.29	7.5	0.073	0.27	7.564	7.755	8.245	8.278
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/08/91-08/10/93	13	8.03	7.919	8.29	7.5	0.08	0.283	7.564	7.755	8.245	8.278
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/91-08/10/93	13	0.009	0.012	0.032	0.005	0.	0.008	0.005	0.006	0.018	0.028
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/06/94	47	164.	162.574	219.	90.	351.815	18.757	146.6	157.	171.	177.6
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	32	0.38	0.371	0.54	0.13	0.008	0.087	0.233	0.34	0.42	0.474
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-07/28/86	8	0.235	0.224	0.325	0.12	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-09/06/94	29	0.008	0.009	0.039	0.005	0.	0.006	0.006	0.007	0.011	0.012
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	62	15.	26.194	200.	0.	1333.503	36.517	0.	6.75	30.75	66.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	62	1.176	1.1	2.301	0.	0.337	0.581	0.	0.828	1.487	1.822
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.579								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	51	20.	69.51	680.	0.	17025.015	130.48	1.	10.	50.	204.8
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	51	1.301	1.349	2.833	0.	0.469	0.685	0.14	1.	1.699	2.311
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.351								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/31/89-09/06/94	23	0.8	1.026	4.8	0.2	0.777	0.882	0.5	0.6	1.2	1.4

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

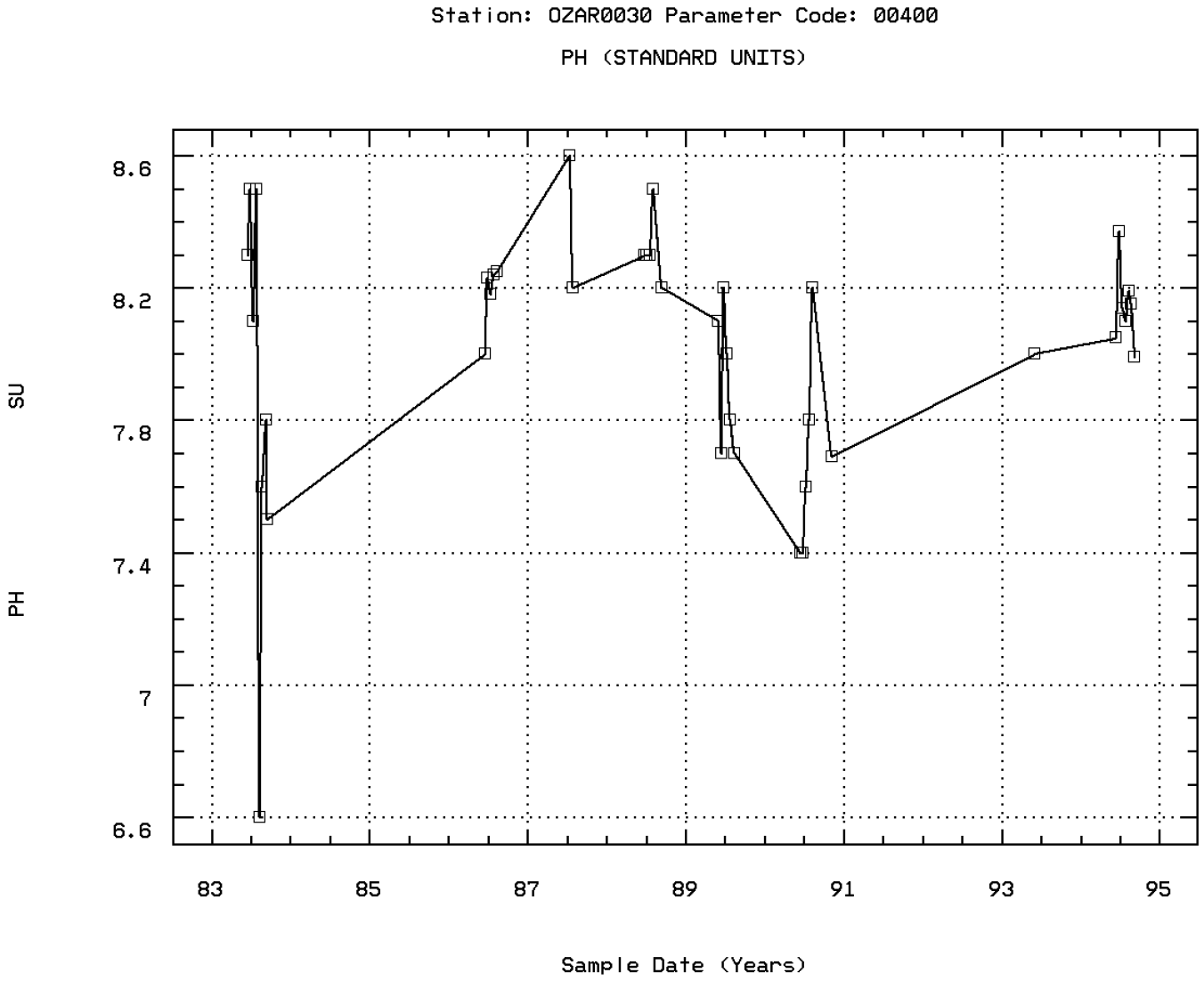
EPA Water Quality Criteria Analysis for Station: OZAR0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	4	0	0.00				4	0	0.00			
00400	PH	Other-Hi Lim.	9.	40	0	0.00	12	0	0.00	1	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	40	0	0.00	12	0	0.00	1	0	0.00	27	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	13	0	0.00	3	0	0.00	2	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	3	0	0.00	2	0	0.00	8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	3	0	0.00				5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	62	1	0.02	21	0	0.00	3	1	0.33	38	0	0.00			

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



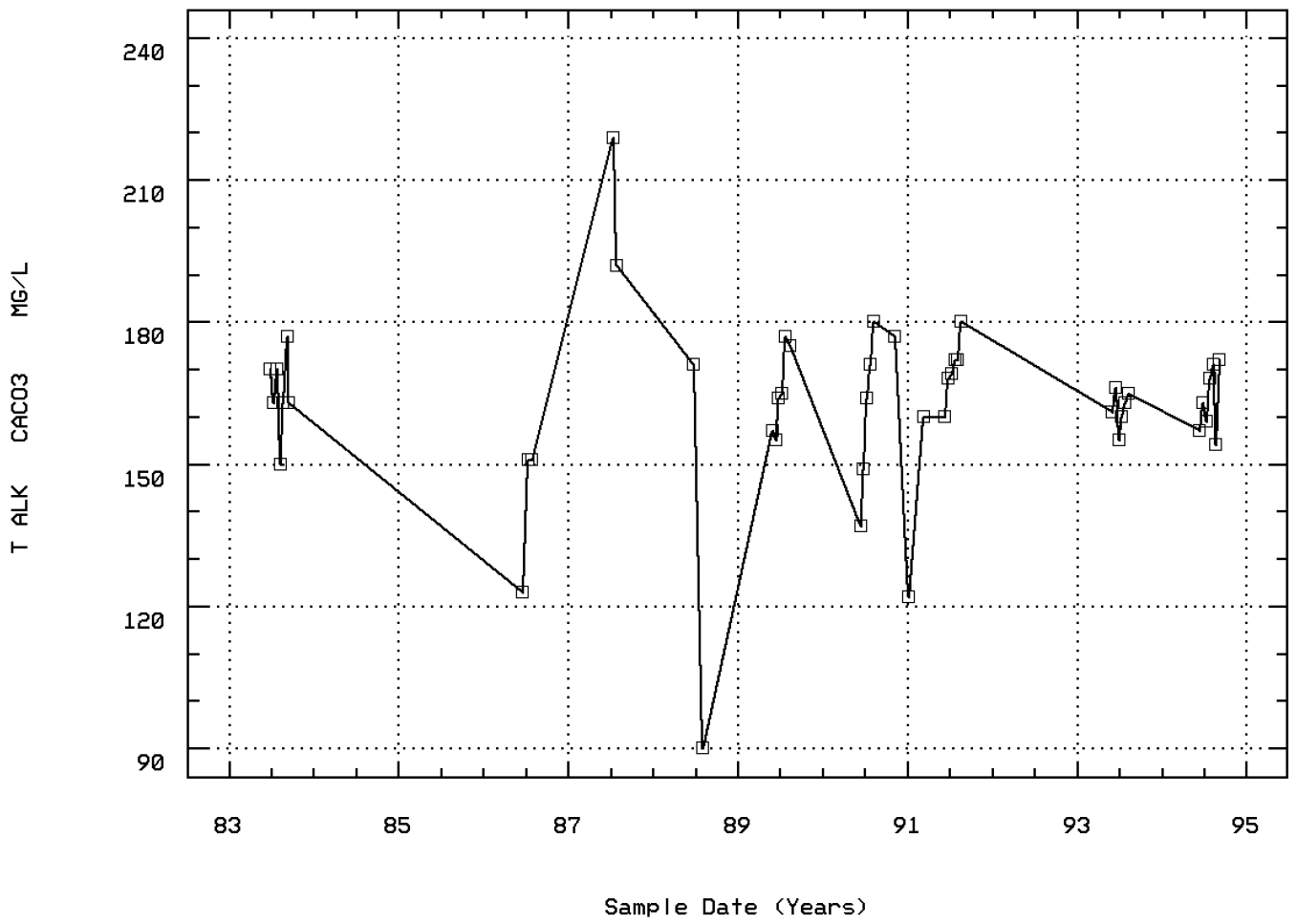
POWDER MILL - ACCESS



POWDER MILL - ACCESS

Station: OZAR0030 Parameter Code: 00410

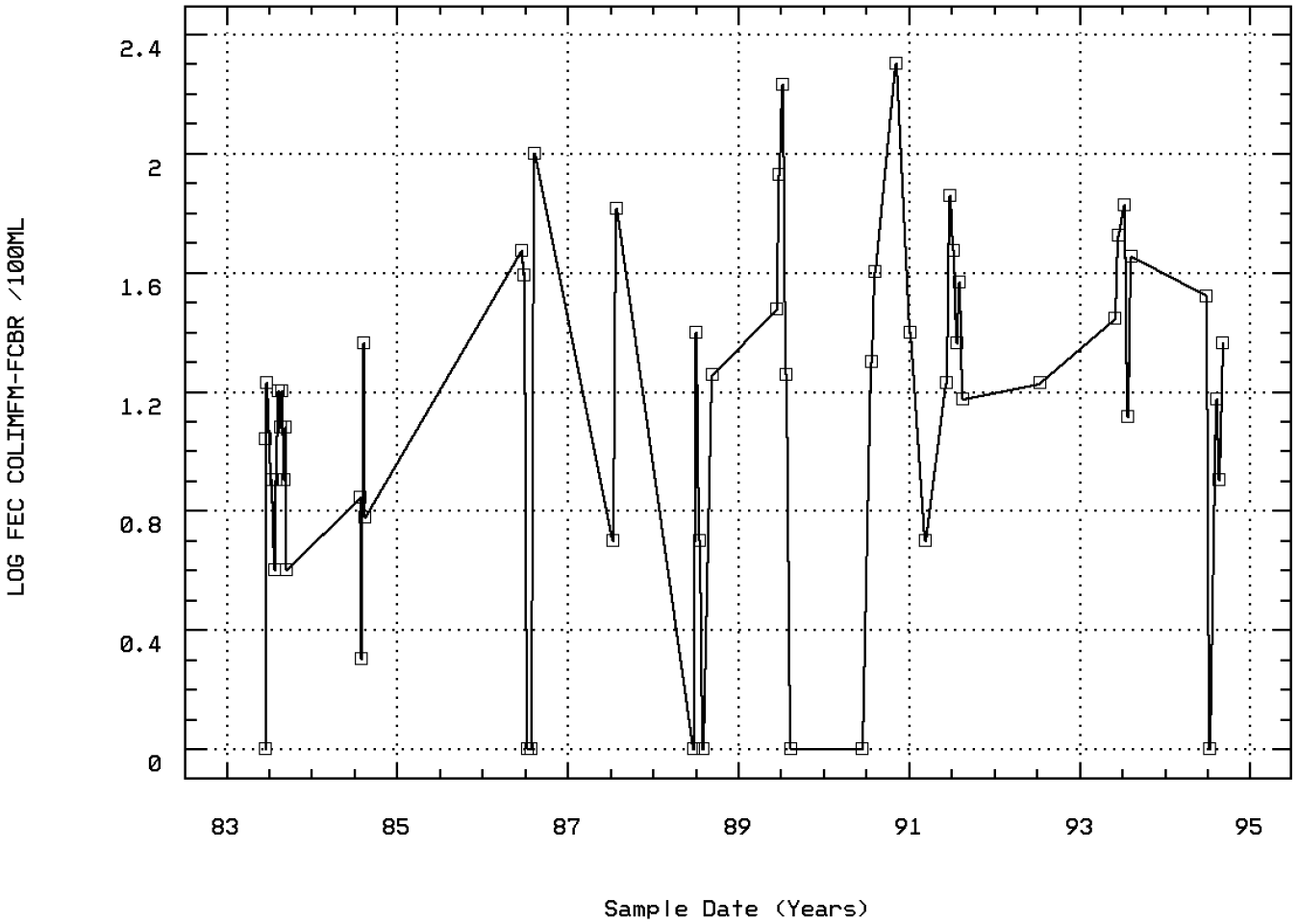
ALKALINITY, TOTAL (MG/L AS CACO3)



POWDER MILL - ACCESS

Station: OZAR0030 Parameter Code: 31616

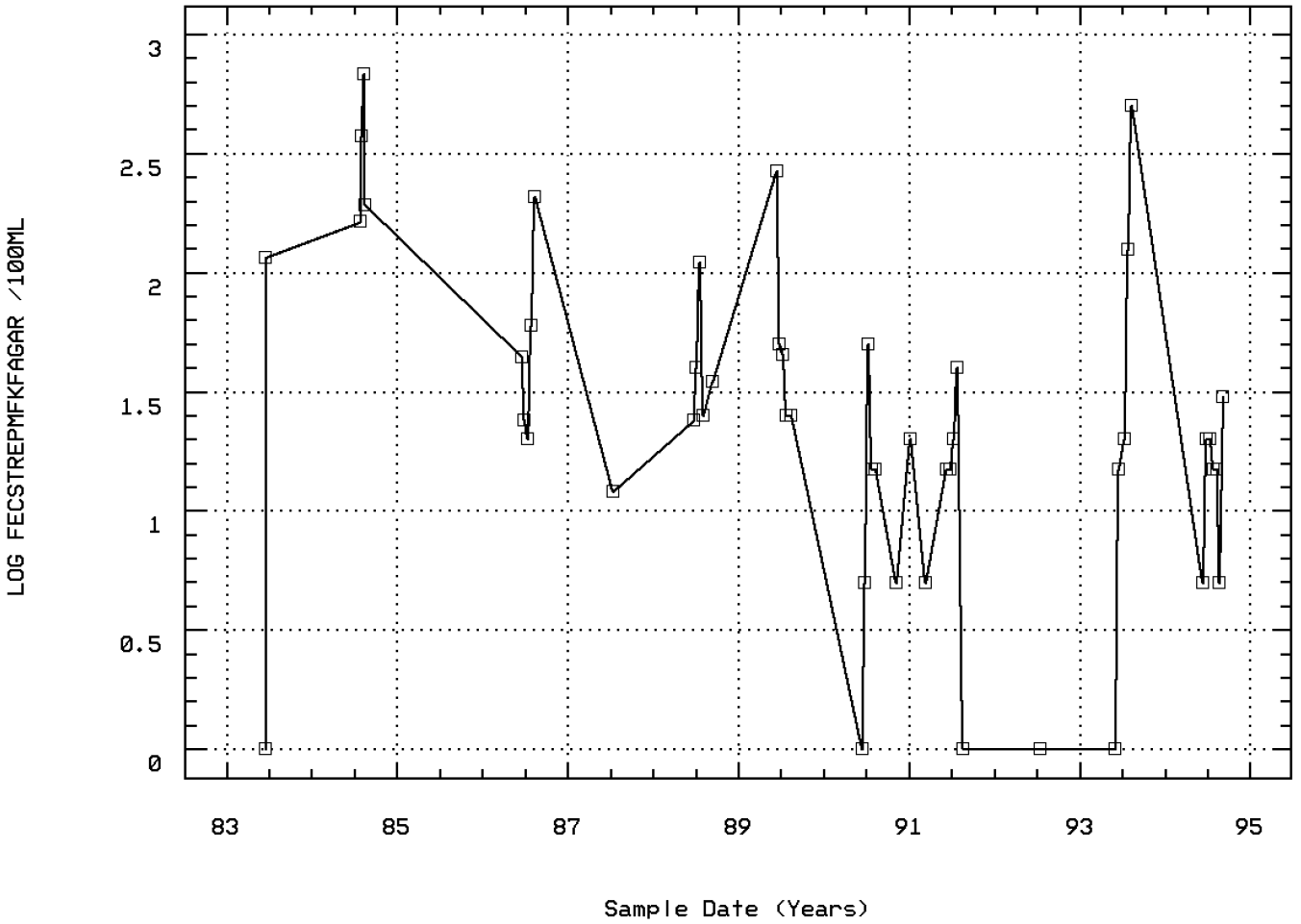
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



POWDER MILL - ACCESS

Station: OZAR0030 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



POWDER MILL - ACCESS

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	19	22.1	21.911	26.	19.	3.292	1.814	19.4	20.6	23.3	23.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	15	320.	297.933	340.	205.	1991.495	44.626	220.	240.	330.	335.8
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	12	8.07	7.89	8.5	6.6	0.255	0.505	6.87	7.625	8.2	8.425
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	12	8.063	7.489	8.5	6.6	0.43	0.656	6.87	7.625	8.2	8.425
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	12	0.009	0.032	0.251	0.003	0.005	0.069	0.004	0.006	0.024	0.185
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/06/94	13	171.	162.462	180.	90.	560.269	23.67	114.	158.5	176.	180.
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	9	0.35	0.31	0.38	0.13	0.008	0.087	0.13	0.24	0.375	0.38
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	21	15.	19.524	100.	0.	495.262	22.254	0.4	7.	23.	44.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	21	1.176	1.058	2.	0.	0.262	0.512	0.06	0.841	1.362	1.643
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.417								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	15	25.	141.733	680.	0.	45473.495	213.245	3.	10.	208.	572.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	15	1.398	1.572	2.833	0.	0.657	0.811	0.419	1.	2.318	2.752
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			37.304								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	3	10.4	9.833	12.2	6.9	7.263	2.695	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	3	305.	290.	325.	240.	1975.	44.441	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	1	7.69	7.69	7.69	7.69	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	1	7.69	7.69	7.69	7.69	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/06/94	3	160.	153.	177.	122.	793.	28.16	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	2	0.455	0.455	0.48	0.43	0.001	0.035	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	25.	76.667	200.	5.	11508.333	107.277	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	1.398	1.466	2.301	0.699	0.645	0.803	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.24								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	3	5.	10.	20.	5.	75.	8.66	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	3	0.699	0.9	1.301	0.699	0.121	0.348	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.937								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	41	22.	22.076	25.6	17.5	3.175	1.782	20.	21.	23.4	24.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	34	300.	288.265	350.	190.	1678.625	40.971	215.	257.5	310.5	330.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	27	8.14	8.089	8.6	7.4	0.095	0.308	7.56	8.	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	27	8.14	7.968	8.6	7.4	0.11	0.332	7.56	8.	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	27	0.007	0.011	0.04	0.003	0.	0.01	0.003	0.005	0.01	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/06/94	31	163.	163.548	219.	123.	252.323	15.885	149.4	157.	170.	176.
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	21	0.4	0.389	0.54	0.21	0.006	0.077	0.256	0.345	0.425	0.508
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	38	15.	25.895	170.	0.	1076.799	32.815	0.	6.5	34.5	67.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	38	1.172	1.094	2.23	0.	0.367	0.606	0.	0.809	1.537	1.829
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.417								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	33	20.	42.091	265.	0.	3149.835	56.123	0.	13.5	47.5	121.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	33	1.301	1.289	2.423	0.	0.392	0.626	0.	1.128	1.676	2.084
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			19.456								

** - Less than 9 observations ## - Computed 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: OZAR0031

NPS Station ID: OZAR0031 LAT/LON: 37.183670/ -91.212616 Agency: 21MO0001 Date Created: 10/06/84
Location: T29N,R2W,SEC.18,SW1/4,NR HWY 160 BEL. JACKS FORK FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008026B
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: CURRENT RIVER ECO Region:
RF1 Index: 11010008025 RF1 Mile Point: 0.390 Distance from RF1: 11.40 On/Off RF1: ON
RF3 Index: 11010008085100.00 RF3 Mile Point: 0.69 Distance from RF3: 0.05 On/Off RF3:
Description:
COUNTY: SHANNON ESTABLISHED FOR: CURRENT RIVER WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/17/73-10/17/73	1	59.9	59.9	59.9	59.9	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/17/73-10/17/73	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	1	1490.	1490.	1490.	1490.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-10/17/73	1	322.	322.	322.	322.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/17/73-10/17/73	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/73-10/17/73	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/73-10/17/73	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-10/17/73	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-10/17/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-10/17/73	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-10/17/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/17/73-10/17/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/17/73-10/17/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/17/73-10/17/73	1	38.	38.	38.	38.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/17/73-10/17/73	1	1.58	1.58	1.58	1.58	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			38.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/17/73-10/17/73	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: OZAR0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0032

NPS Station ID: OZAR0032
LAT/LON: 37.175559/ -91.213337
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER ABOVE POWDER MILL
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07066510
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008004200.00
RF3 Mile Point: 2.27
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/20/93	33	17.	17.027	24.	7.5	16.225	4.028	11.2	14.	21.	22.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	19	776.	775.368	787.	764.	30.023	5.479	768.	771.	779.	783.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/20/93	33	1190.	1390.636	4500.	441.	767499.864	876.071	549.6	676.5	1845.	2456.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/05/73-01/21/75	7	1.	3.429	10.	1.	14.952	3.867	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-01/21/75	8	3.	3.75	8.	1.	5.643	2.375	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/20/93	33	300.	303.121	357.	243.	1002.172	31.657	255.2	283.	330.	343.
00300	OXYGEN, DISSOLVED MG/L	04/05/73-10/20/93	33	9.2	9.376	11.8	7.8	1.354	1.164	8.04	8.25	10.2	11.32
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-06/30/82	14	93.5	93.929	103.	75.	53.302	7.301	82.	90.75	100.25	103.
00335	COD, .025N K2CR2O7 MG/L	04/05/73-01/21/75	8	4.	8.125	24.	0.	89.554	9.463	**	**	**	**
00400	PH (STANDARD UNITS)	04/05/73-10/20/93	33	8.1	8.085	8.4	7.52	0.034	0.183	7.84	8.	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	04/05/73-10/20/93	33	8.1	8.042	8.4	7.52	0.036	0.189	7.84	8.	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-10/20/93	33	0.008	0.009	0.03	0.004	0.	0.005	0.005	0.006	0.01	0.015
00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-09/22/81	13	2.3	2.215	2.9	1.5	0.205	0.452	1.58	1.8	2.5	2.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-09/29/92	32	161.5	160.531	189.	118.	434.644	20.848	128.6	144.5	180.	187.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/07/86-09/29/92	12	177.	171.167	198.	132.	342.333	18.502	138.	159.	181.5	196.5
00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-05/24/89	19	196.	196.053	242.	144.	623.275	24.965	156.	184.	217.	230.
00445	CARBONATE ION (MG/L AS CO3)	04/05/73-05/24/89	19	0.	0.211	4.	0.	0.842	0.918	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/07/86-09/29/92	12	0.	4.	48.	0.	192.	13.856	0.	0.	0.	33.6
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/07/86-09/29/92	12	206.5	200.583	242.	122.	1103.356	33.217	134.	186.75	221.25	239.9
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	07/10/74-07/10/74	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-06/30/82	13	0.5	0.558	1.4	0.16	0.099	0.314	0.232	0.365	0.585	1.228
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-09/22/81	13	0.11	0.161	0.78	0.	0.041	0.203	0.004	0.045	0.215	0.564
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/20/93	33	0.01	0.022	0.1	0.	0.	0.021	0.005	0.005	0.03	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/20/93	32 ##	0.005	0.006	0.02	0.	0.	0.003	0.005	0.005	0.009	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-09/22/81	13	0.32	0.314	0.54	0.01	0.018	0.135	0.078	0.225	0.415	0.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/20/93	33	0.12	0.312	2.7	0.04	0.24	0.49	0.064	0.1	0.3	0.778
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/20/93	32	0.3	0.319	0.54	0.01	0.009	0.096	0.206	0.278	0.4	0.417
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/74-07/10/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/20/93	33 ##	0.005	0.012	0.04	0.	0.	0.011	0.005	0.005	0.02	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-01/21/75	7 ##	0.005	0.014	0.03	0.005	0.	0.012	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-01/21/75	8	155.	150.	170.	120.	285.714	16.903	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-01/21/75	8	1.	1.625	6.	0.	4.268	2.066	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-01/21/75	8	32.5	31.125	35.	25.	12.411	3.523	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-01/21/75	8	18.	17.375	20.	13.	5.411	2.326	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-01/21/75	8	1.7	1.663	2.1	1.	0.123	0.35	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/05/73-01/21/75	8	0.1	0.075	0.1	0.	0.002	0.046	**	**	**	**
00932	SODIUM, PERCENT	04/05/73-01/21/75	8	2.	2.375	3.	2.	0.268	0.518	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-01/21/75	8	1.	0.975	1.1	0.8	0.011	0.104	**	**	**	**

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

Parameter Inventory for Station: OZAR0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-01/21/75	8	2.	1.875	3.	1.	0.411	0.641	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-01/21/75	8	5.	4.875	8.	3.	2.125	1.458	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-01/21/75	8 ##	0.05	0.069	0.1	0.05	0.001	0.026	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-01/21/75	8	7.65	7.525	8.5	6.4	0.496	0.705	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/05/73-01/21/75	7	2.	2.429	6.	0.5	4.869	2.207	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/05/73-01/21/75	7 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-10/20/93	31 ##	1.	2.661	10.	0.	13.923	3.731	0.5	0.5	2.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/05/73-01/21/75	7 ##	0.	1.429	10.	0.	14.286	3.78	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	04/05/73-01/21/75	7 ##	50.	41.643	100.	4.	1026.393	32.037	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/05/73-01/21/75	7 ##	10.	10.	20.	0.	33.333	5.774	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-01/21/75	8	30.	48.75	120.	5.	2262.5	47.566	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/05/73-10/20/93	31	2.5	36.355	550.	0.	10225.37	101.121	0.5	1.	25.	100.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-01/21/75	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/05/73-01/21/75	7 ##	25.	26.	50.	7.	313.25	17.699	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	30 ##	0.5	2.017	10.	0.	13.25	3.64	0.	0.5	0.625	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/05/73-10/20/93	31	20.	41.774	230.	5.	3832.581	61.908	5.	5.	30.	176.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	1	80.	80.	80.	80.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/05/73-04/05/73	1	1.903	1.903	1.903	1.903	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			80.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-01/21/75	8	12.	13.125	27.	1.	100.125	10.006	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-01/21/75	8	1.073	0.92	1.431	0.	0.277	0.527	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.32								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/78-10/20/93	25	19.	35.32	240.	1.	3759.727	61.317	3.6	6.	34.5	117.2
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/78-10/20/93	25	1.279	1.212	2.38	0.	0.278	0.527	0.552	0.778	1.537	1.919
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			16.282								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/78-10/20/93	24	19.5	44.083	440.	1.	7735.906	87.954	2.5	9.5	36.	88.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/78-10/20/93	24	1.289	1.283	2.643	0.	0.314	0.561	0.389	0.976	1.556	1.93
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			19.203								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-01/21/75	8	18.	21.625	52.	3.	299.125	17.295	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/05/73-01/21/75	8	1.244	1.189	1.716	0.477	0.169	0.411	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			15.451								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-01/21/75	7	0.04	0.074	0.3	0.	0.012	0.108	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	04/17/74-08/27/80	6	385.	421.5	960.	72.	118347.9	344.017	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-01/21/75	8	152.	153.75	184.	130.	383.643	19.587	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-01/21/75	8	160.	155.	174.	126.	321.143	17.92	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-01/21/75	8	690.	804.375	1580.	561.	110975.125	333.129	**	**	**	**

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

Parameter Inventory for Station: OZAR0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-01/21/75	8	0.205	0.208	0.25	0.18	0.001	0.026	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-10/20/93	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/27/80-08/27/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/27/80-09/14/83	6	0.045	0.06	0.12	0.	0.003	0.05	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-06/30/82	13	2.2	2.469	6.1	0.7	1.867	1.366	1.02	1.65	2.6	5.38
71900	MERCURY, TOTAL (UG/L AS HG)	04/05/73-01/21/75	7 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/05/73-01/21/75	8	8.5	13.875	46.	4.	196.125	14.004	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/05/73-01/21/75	8	55.5	67.875	194.	13.	3360.125	57.967	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	33	0	0.00	15	0	0.00	5	0	0.00	13	0	0.00			
00400	PH	Other-Hi Lim.	9.	33	0	0.00	15	0	0.00	5	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	33	0	0.00	15	0	0.00	5	0	0.00	13	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	15	0	0.00	4	0	0.00	13	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	32	0	0.00	15	0	0.00	4	0	0.00	13	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.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	250.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	25 &	1	0.04	12	0	0.00	2	0	0.00	11	1	0.09			
		Drinking Water	5.	25 &	0	0.00	12	0	0.00	2	0	0.00	11	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	1	0.14	2	1	0.50	4	0	0.00	1	0	0.00			
		Drinking Water	1300.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	27 &	1	0.04	14	1	0.07	2	0	0.00	11	0	0.00			
		Drinking Water	15.	26 &	3	0.12	13	1	0.08	2	0	0.00	11	2	0.18			
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	100.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	25 &	0	0.00	12	0	0.00	2	0	0.00	11	0	0.00			
		Drinking Water	100.	30	0	0.00	14	0	0.00	5	0	0.00	11	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	31	4	0.13	14	1	0.07	5	2	0.40	12	1	0.08			
		Drinking Water	5000.	31	0	0.00	14	0	0.00	5	0	0.00	12	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	25	2	0.08	13	1	0.08	1	0	0.00	11	1	0.09			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	0.2	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	3	0	0.00	1	0	0.00	2	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	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	1	0	0.00				1	0	0.00			
		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: OZAR0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	0.4	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	0.2	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	2	0	0.00	1	0	0.00				1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	2.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			

& - 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: 8/01 to 10/31 - Station OZAR0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/20/93	15	17.	17.193	24.	11.5	13.404	3.661	12.1	15.	20.5	22.8
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	10	777.	777.7	787.	768.	26.233	5.122	768.7	775.	780.75	786.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/20/93	15	680.	825.4	1480.	441.	116530.971	341.366	453.6	576.	1080.	1426.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/20/93	15	330.	327.667	357.	293.	314.81	17.743	297.2	318.	337.	351.6
00300p	OXYGEN, DISSOLVED MG/L	04/05/73-10/20/93	15	9.2	9.253	11.2	7.8	1.076	1.037	7.98	8.3	9.9	10.96
00400p	PH (STANDARD UNITS)	04/05/73-10/20/93	15	8.1	8.087	8.4	7.52	0.051	0.226	7.688	8.	8.3	8.34
00400p	CONVERTED PH (STANDARD UNITS)	04/05/73-10/20/93	15	8.1	8.023	8.4	7.52	0.055	0.235	7.688	8.	8.3	8.34
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-10/20/93	15	0.008	0.009	0.03	0.004	0.	0.007	0.005	0.005	0.01	0.022
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-09/29/92	14	180.	178.571	189.	161.	77.802	8.821	162.	172.5	187.	188.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/20/93	15 ##	0.005	0.019	0.1	0.	0.001	0.027	0.003	0.005	0.02	0.07
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/20/93	15 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.014
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/20/93	15	0.11	0.335	2.7	0.1	0.437	0.661	0.1	0.1	0.29	1.32
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/20/93	15	0.34	0.333	0.41	0.19	0.006	0.074	0.196	0.3	0.4	0.404
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/20/93	15 ##	0.005	0.009	0.04	0.	0.	0.01	0.003	0.005	0.01	0.028
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-10/20/93	14 ##	0.75	2.071	10.	0.	11.495	3.39	0.25	0.5	1.25	10.
01051p	LEAD, TOTAL (UG/L AS PB)	04/05/73-10/20/93	14	2.25	43.357	550.	0.	21305.555	145.964	0.25	0.875	6.75	287.5
01077p	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	14 ##	0.5	1.75	10.	0.	12.26	3.501	0.	0.375	0.5	10.
01092p	ZINC, TOTAL (UG/L AS ZN)	04/05/73-10/20/93	14 ##	7.5	33.214	190.	5.	2740.797	52.353	5.	5.	40.	140.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/78-10/20/93	13	13.	29.769	240.	3.	4043.192	63.586	3.4	6.	20.5	153.6
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/78-10/20/93	13	1.114	1.101	2.38	0.477	0.237	0.487	0.527	0.778	1.312	1.98
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			12.633								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/78-10/20/93	12	16.	18.167	33.	3.	98.333	9.916	4.5	9.5	28.5	32.7
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/78-10/20/93	12	1.204	1.18	1.519	0.477	0.092	0.303	0.605	0.976	1.453	1.515
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			15.145								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0032

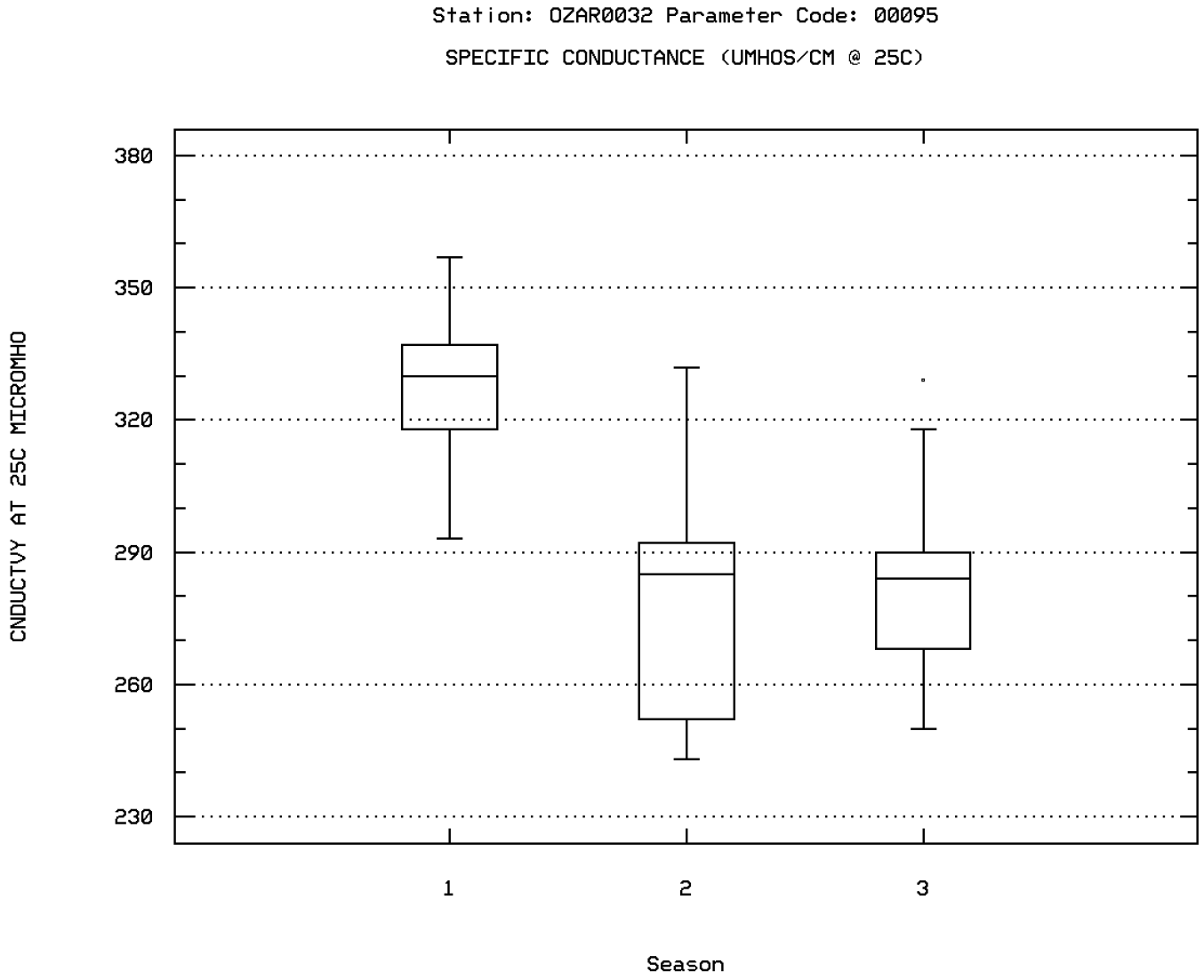
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/20/93	5	11.	11.1	13.5	7.5	5.175	2.275	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	1	777.	777.	777.	777.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/20/93	5	1870.	2256.6	4500.	673.	1976852.8	1406.006	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/20/93	5	285.	280.8	332.	243.	1255.7	35.436	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/05/73-10/20/93	5	10.8	10.52	11.8	8.2	1.972	1.404	**	**	**	**
00400p	PH (STANDARD UNITS)	04/05/73-10/20/93	5	8.	8.08	8.2	8.	0.012	0.11	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/05/73-10/20/93	5	8.	8.069	8.2	8.	0.012	0.11	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-10/20/93	5	0.01	0.009	0.01	0.006	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-09/29/92	5	143.	143.8	179.	118.	551.7	23.488	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/20/93	5	0.04	0.03	0.05	0.01	0.	0.019	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/20/93	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/20/93	5	0.12	0.132	0.25	0.04	0.006	0.077	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/20/93	4	0.23	0.193	0.3	0.01	0.016	0.126	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/20/93	5	0.01	0.016	0.03	0.005	0.	0.013	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-10/20/93	5 ##	10.	6.3	10.	0.5	25.7	5.07	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	04/05/73-10/20/93	5 ##	100.	61.5	100.	0.5	2784.5	52.768	**	**	**	**
01077p	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	5 ##	10.	6.1	10.	0.	28.55	5.343	**	**	**	**
01092p	ZINC, TOTAL (UG/L AS ZN)	04/05/73-10/20/93	5	30.	91.	230.	5.	9730.	98.641	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/78-10/20/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/78-10/20/93	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/78-10/20/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/78-10/20/93	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-10/20/93	13	18.5	19.115	22.5	14.5	6.506	2.551	15.3	17.25	21.75	22.3
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	8	771.	772.25	779.	764.	24.214	4.921	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-10/20/93	13	1560.	1709.769	2990.	932.	429609.026	655.446	953.2	1170.	2295.	2786.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-10/20/93	13	284.	283.385	329.	250.	503.923	22.448	254.	266.5	295.	324.6
00300p	OXYGEN, DISSOLVED MG/L	04/05/73-10/20/93	13	9.2	9.077	11.7	7.9	1.037	1.018	7.94	8.15	9.4	11.02
00400p	PH (STANDARD UNITS)	04/05/73-10/20/93	13	8.1	8.085	8.3	7.7	0.026	0.163	7.78	8.	8.2	8.26
00400p	CONVERTED PH (STANDARD UNITS)	04/05/73-10/20/93	13	8.1	8.053	8.3	7.7	0.027	0.166	7.78	8.	8.2	8.26
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-10/20/93	13	0.008	0.009	0.02	0.005	0.	0.004	0.006	0.006	0.01	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-09/29/92	13	150.	147.538	165.	126.	175.436	13.245	127.6	134.5	159.5	163.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-10/20/93	13	0.02	0.022	0.05	0.005	0.	0.013	0.005	0.01	0.03	0.042
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/20/93	13 ##	0.005	0.006	0.01	0.	0.	0.003	0.002	0.005	0.008	0.01
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-10/20/93	13	0.3	0.354	1.1	0.04	0.111	0.333	0.048	0.085	0.55	0.992
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/20/93	13	0.3	0.342	0.54	0.26	0.007	0.084	0.264	0.3	0.41	0.504
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-10/20/93	13	0.01	0.014	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.036
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-10/20/93	12 ##	0.5	1.833	10.	0.	7.833	2.799	0.15	0.5	2.	8.2
01051p	LEAD, TOTAL (UG/L AS PB)	04/05/73-10/20/93	12	2.25	17.708	100.	0.5	966.43	31.087	0.5	1.25	21.25	88.
01077p	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	11 ##	0.5	0.5	1.	0.	0.1	0.316	0.	0.5	0.5	1.
01092p	ZINC, TOTAL (UG/L AS ZN)	04/05/73-10/20/93	12	20.	31.25	180.	5.	2359.659	48.576	5.	6.25	27.5	141.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/78-10/20/93	11	33.	45.	230.	6.	3910.6	62.535	7.8	15.	40.	192.4
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/78-10/20/93	11	1.519	1.452	2.362	0.778	0.156	0.396	0.858	1.176	1.602	2.214
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			28.32								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/78-10/20/93	11	37.	76.182	440.	1.	15567.964	124.772	2.2	15.	66.	374.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/78-10/20/93	11	1.568	1.485	2.643	0.	0.468	0.684	0.169	1.176	1.82	2.523
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			30.559								

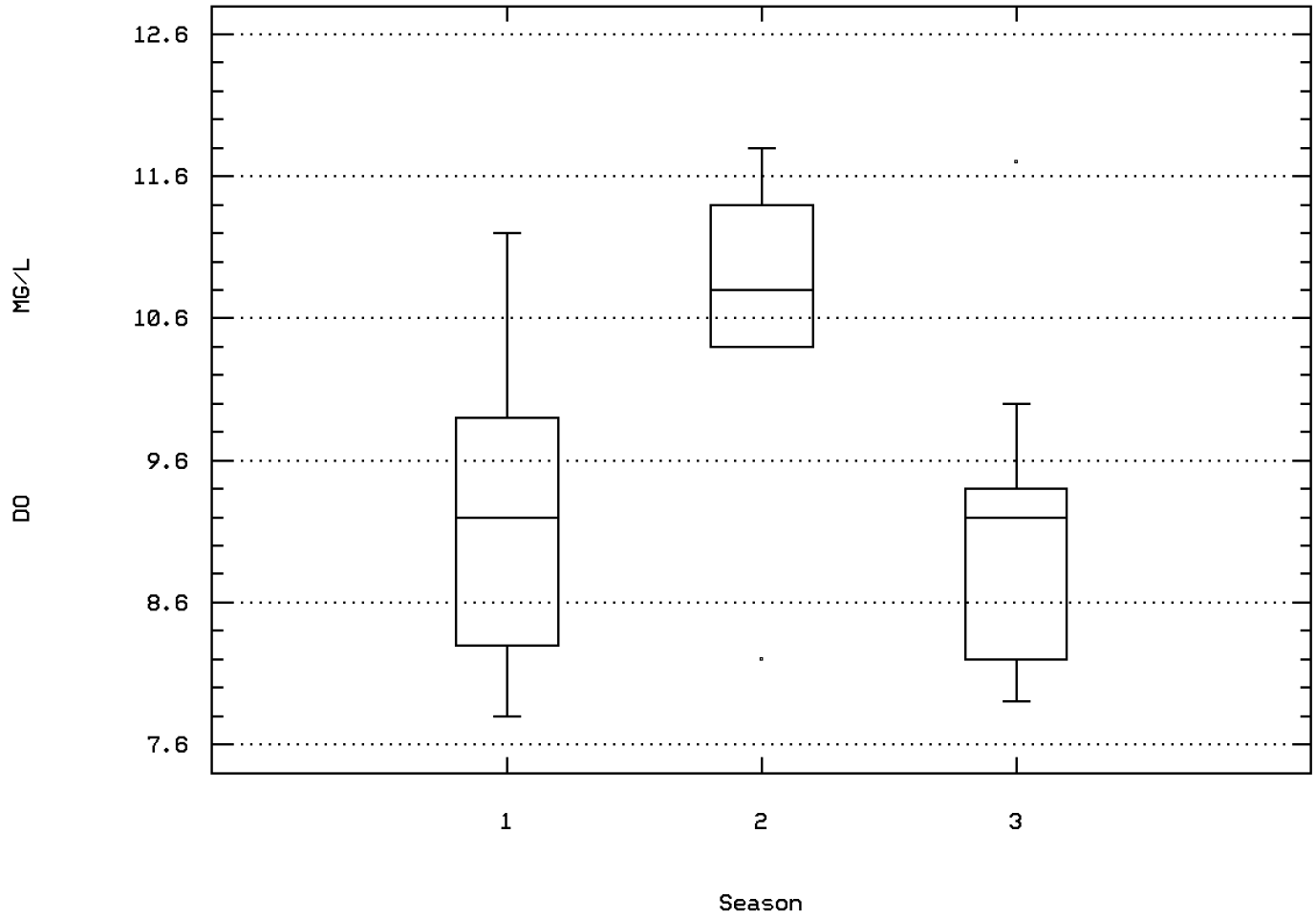
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



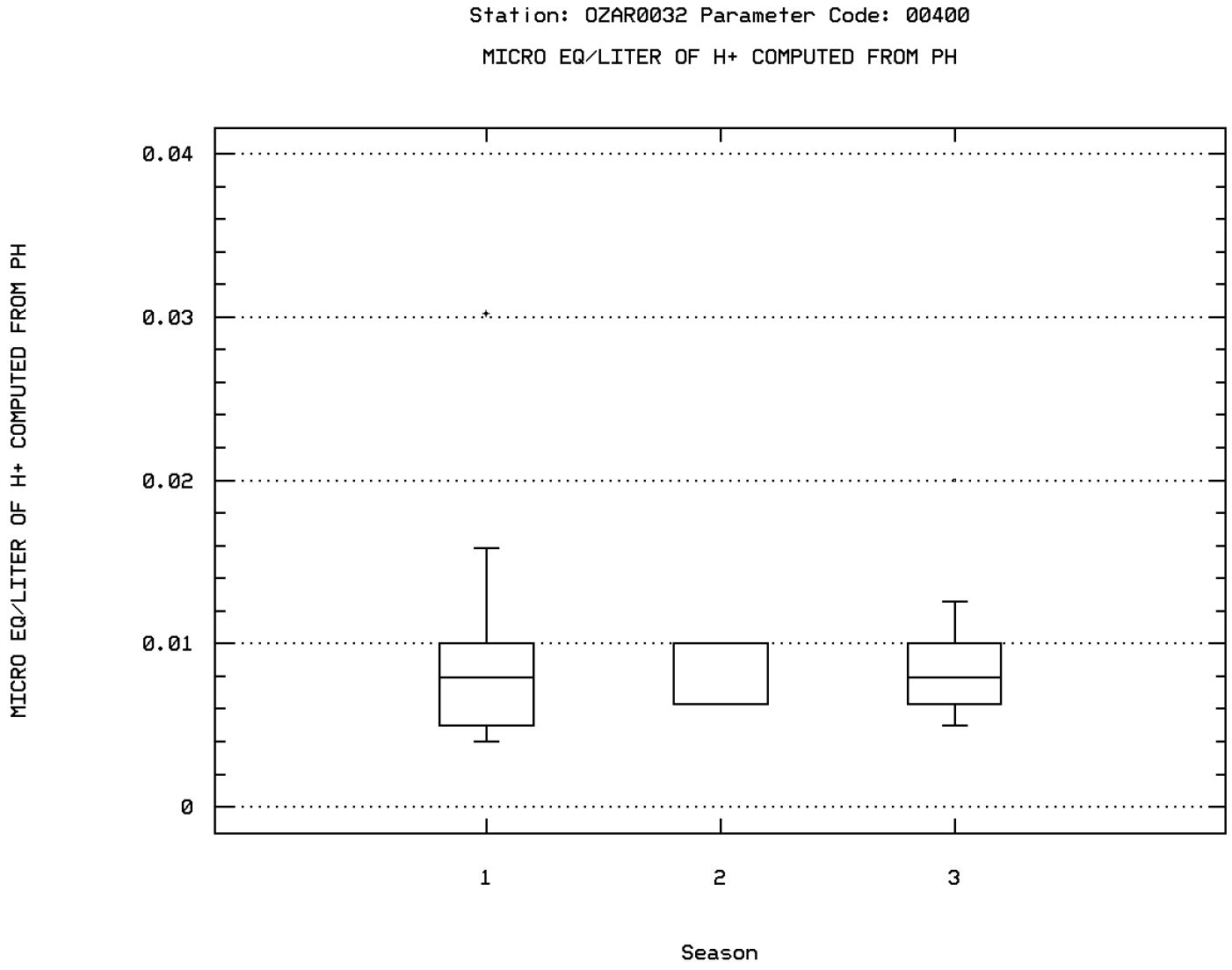
CURRENT RIVER ABOVE POWDER MILL

Station: OZAR0032 Parameter Code: 00300

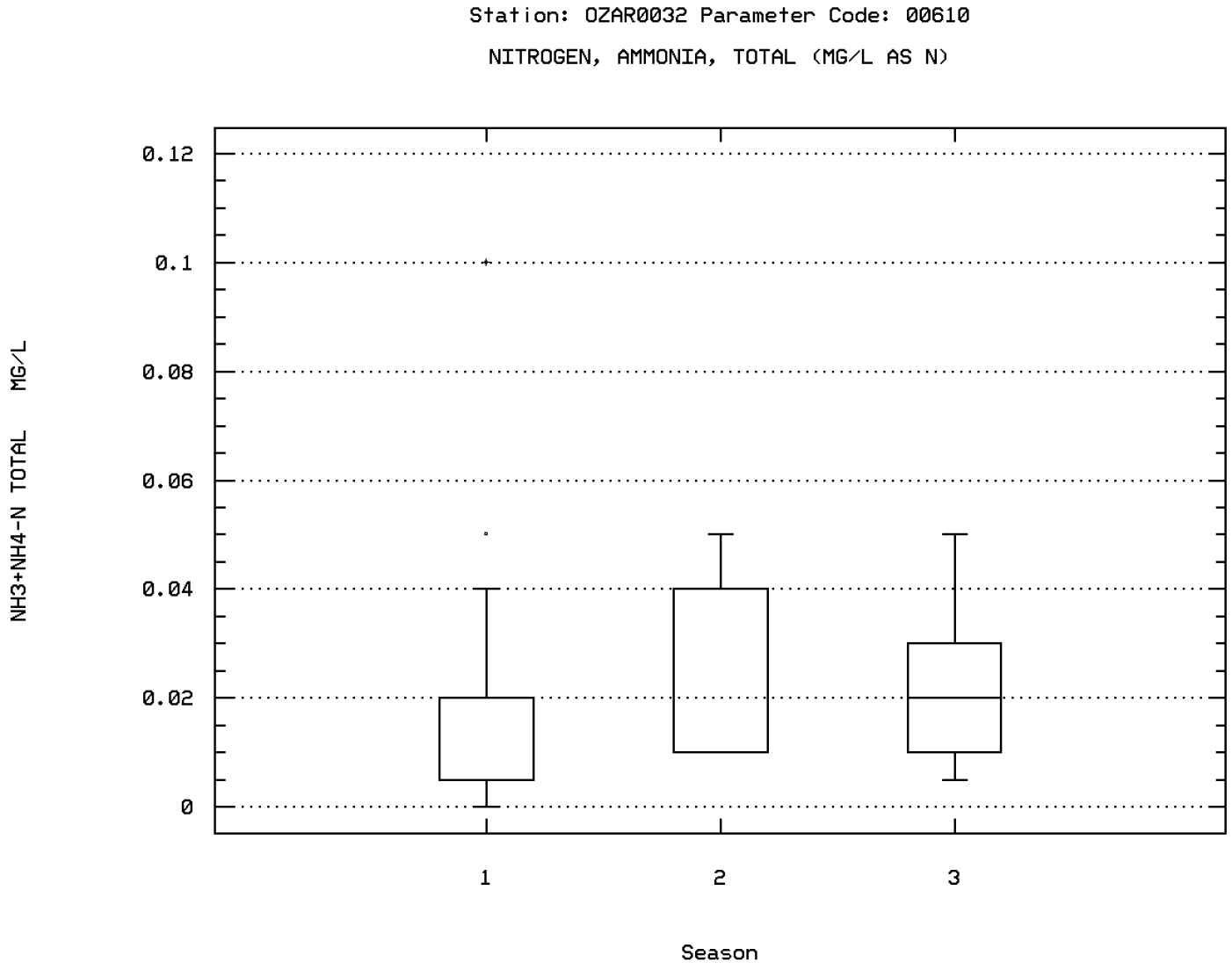
OXYGEN, DISSOLVED



CURRENT RIVER ABOVE POWDER MILL



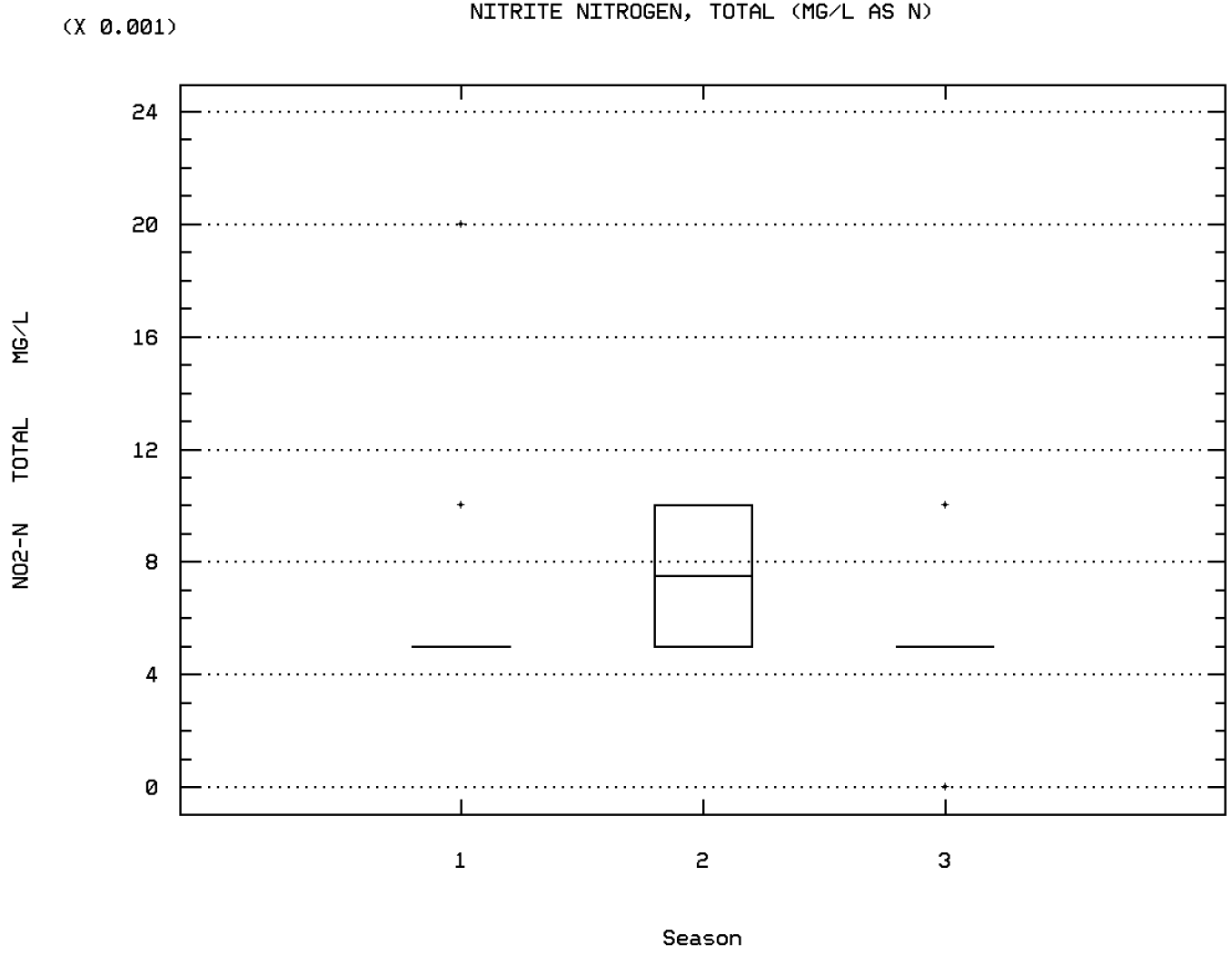
CURRENT RIVER ABOVE POWDER MILL



CURRENT RIVER ABOVE POWDER MILL

Station: OZAR0032 Parameter Code: 00615

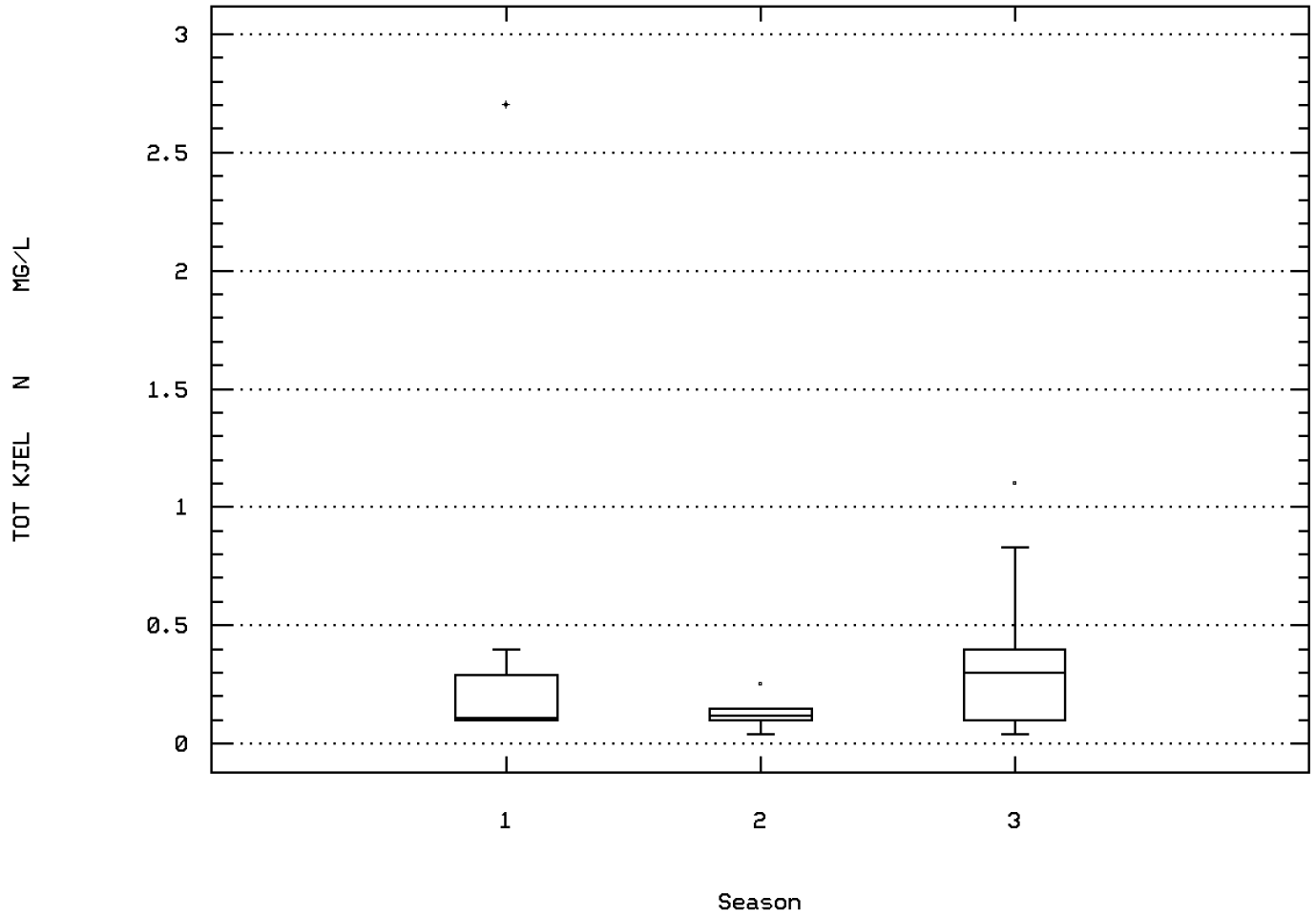
NITRITE NITROGEN, TOTAL (MG/L AS N)



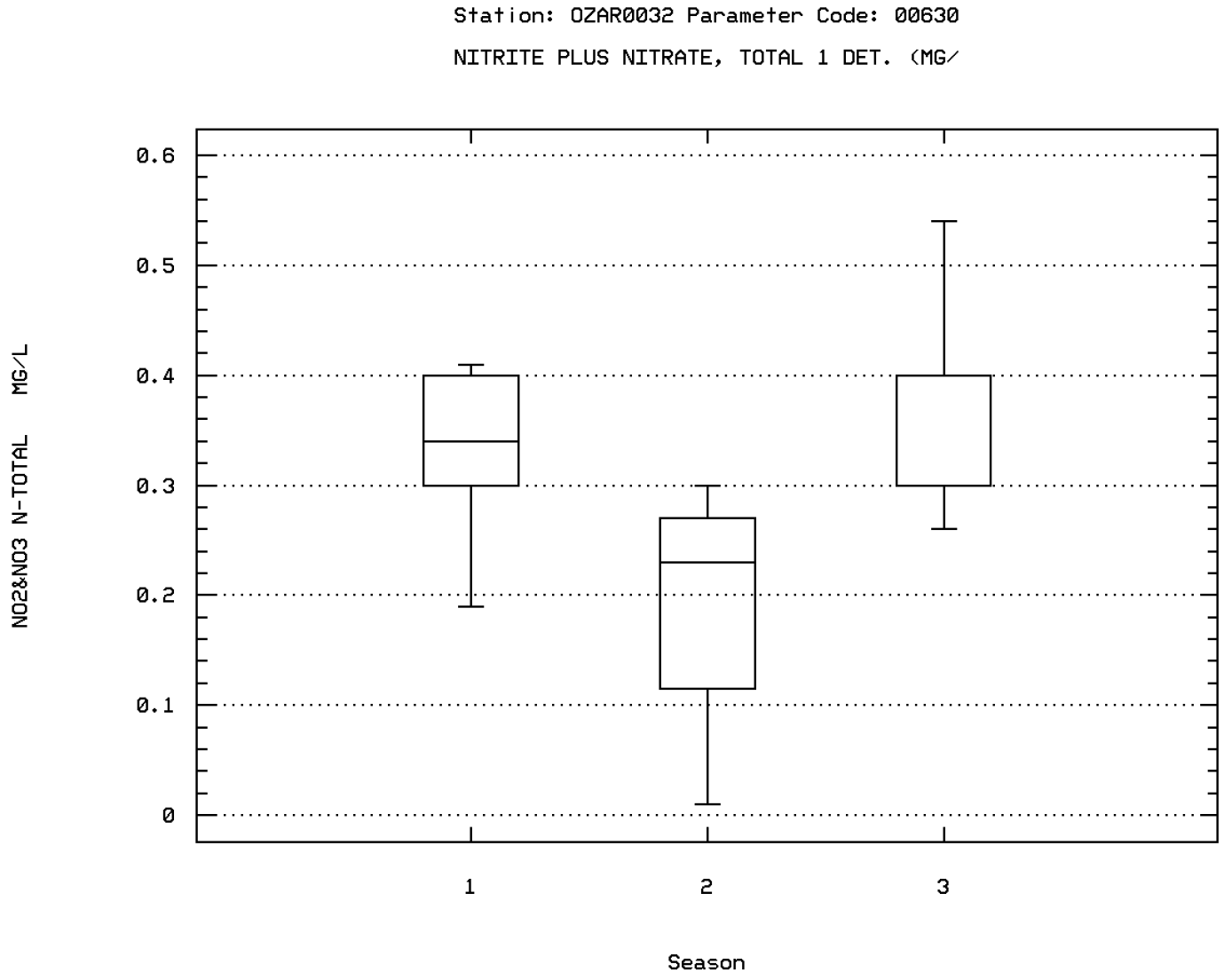
CURRENT RIVER ABOVE POWDER MILL

Station: OZAR0032 Parameter Code: 00625

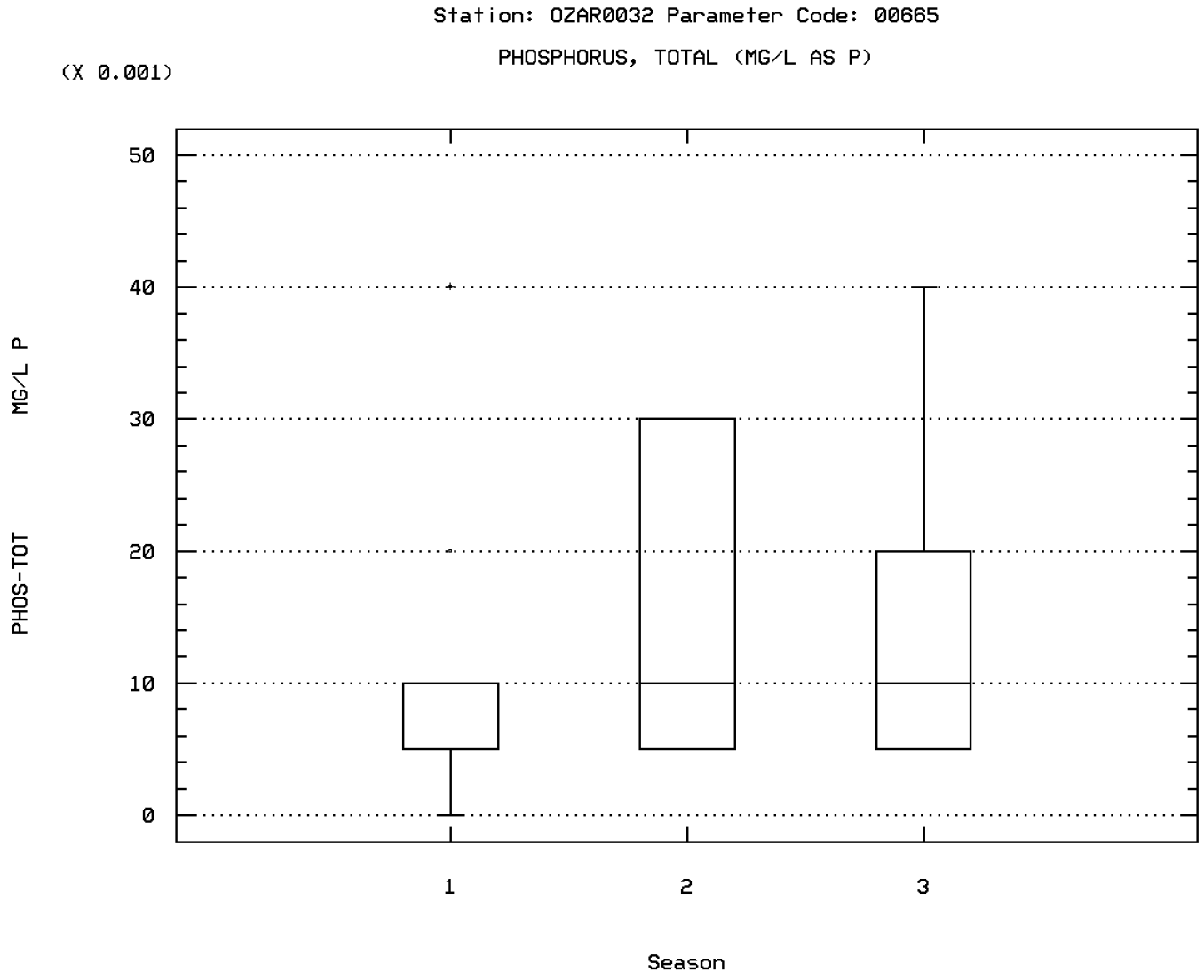
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



CURRENT RIVER ABOVE POWDER MILL



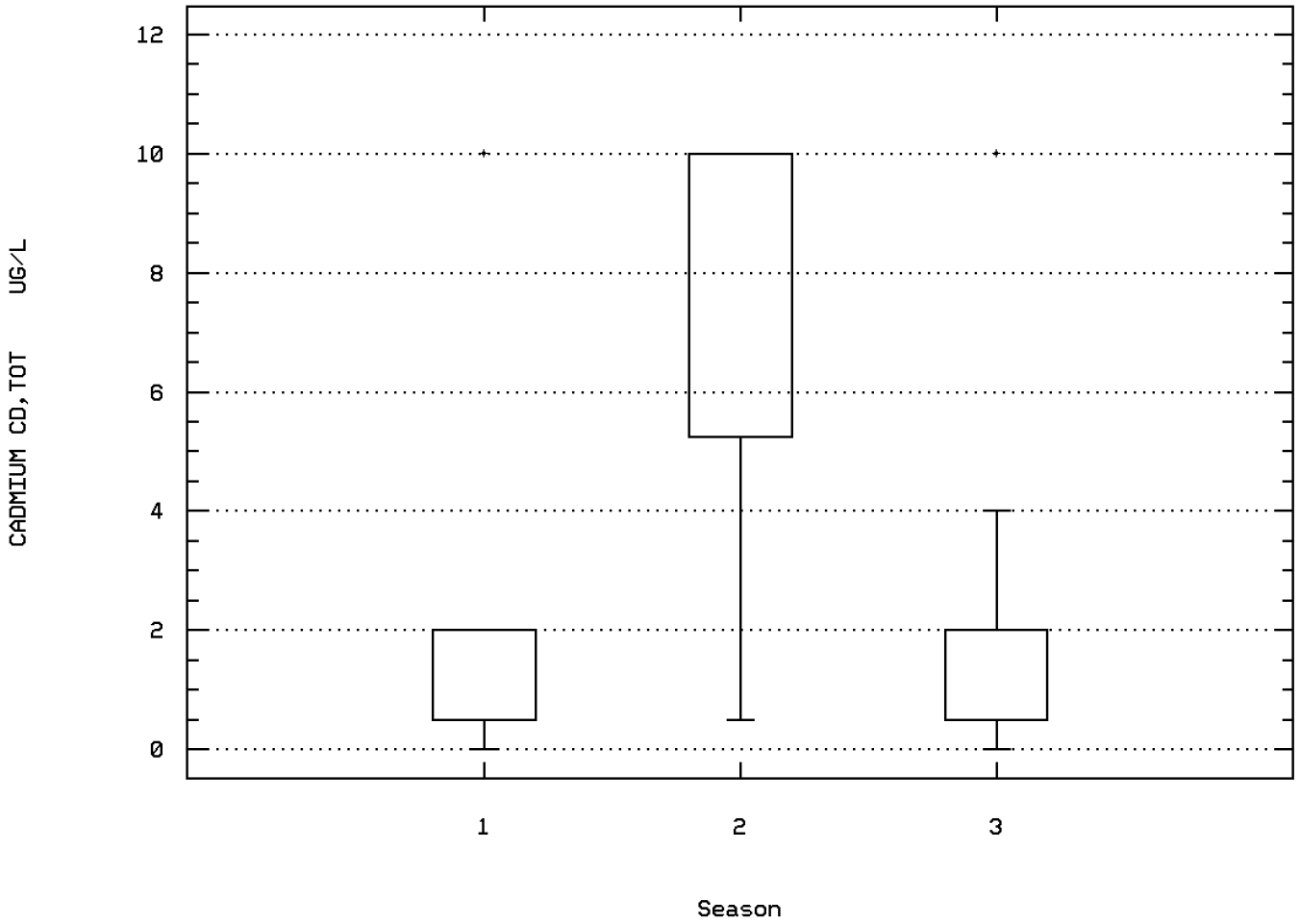
CURRENT RIVER ABOVE POWDER MILL



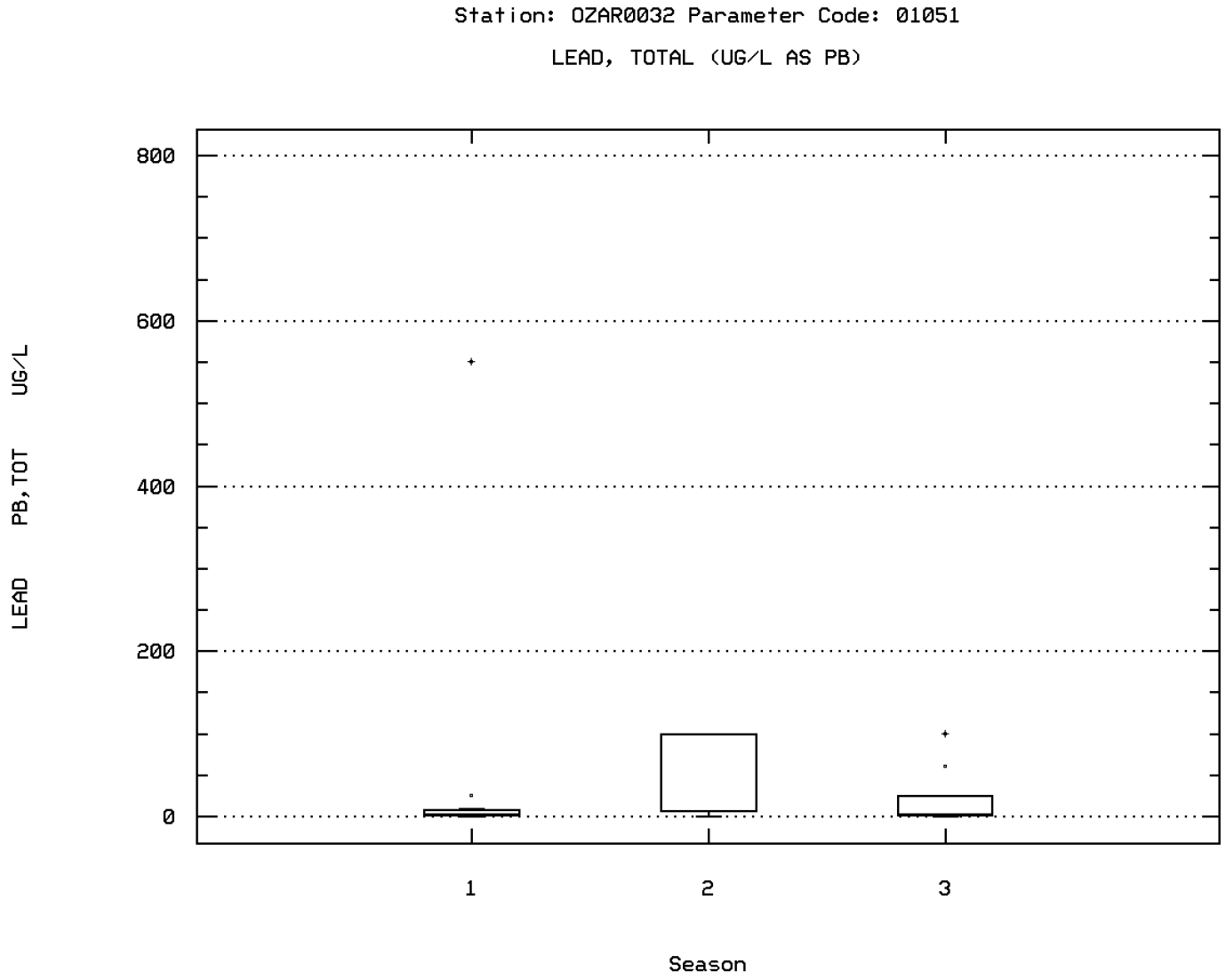
CURRENT RIVER ABOVE POWDER MILL

Station: OZAR0032 Parameter Code: 01027

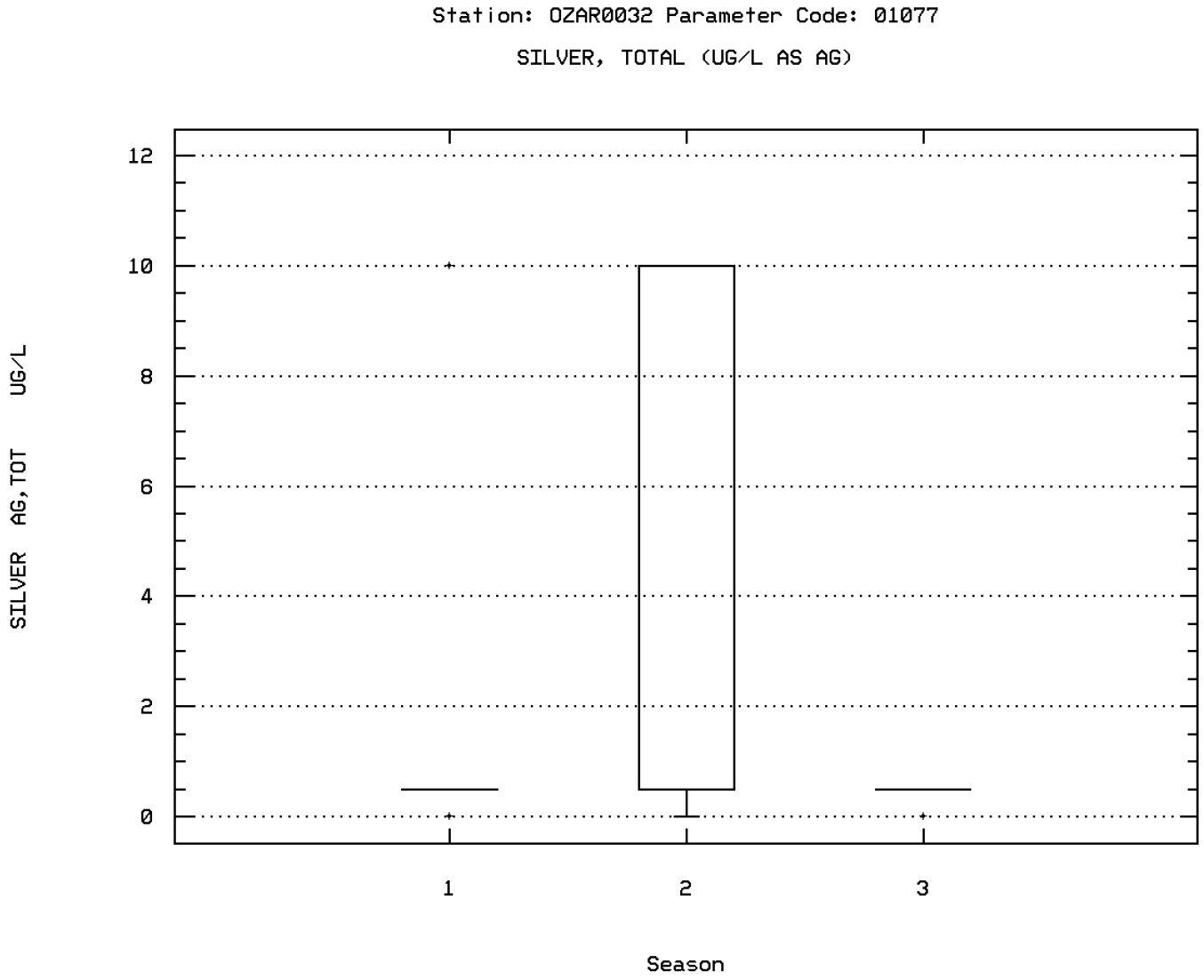
CADMIUM, TOTAL (UG/L AS CD)



CURRENT RIVER ABOVE POWDER MILL



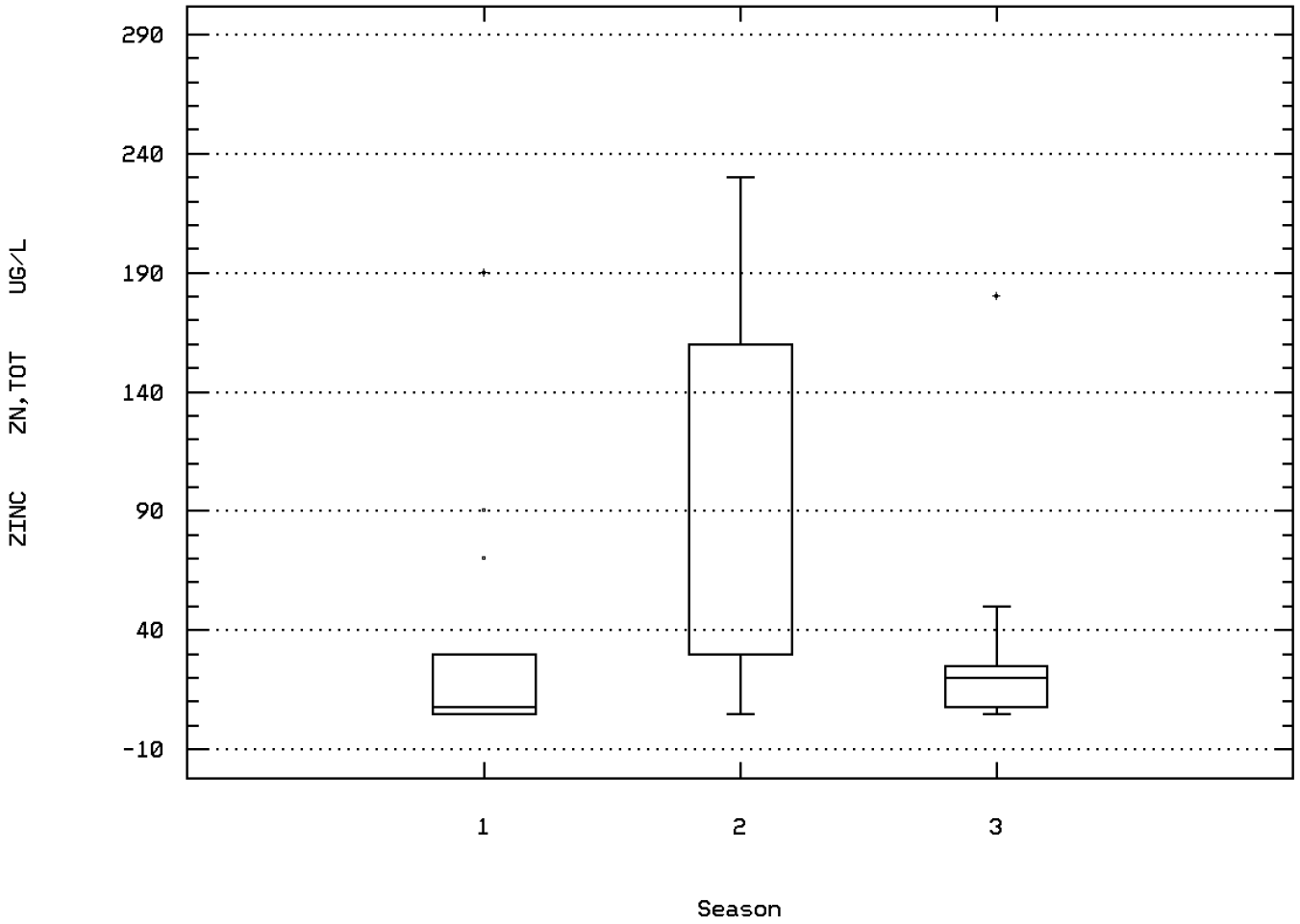
CURRENT RIVER ABOVE POWDER MILL



CURRENT RIVER ABOVE POWDER MILL

Station: OZAR0032 Parameter Code: 01092

ZINC, TOTAL (UG/L AS ZN)



CURRENT RIVER ABOVE POWDER MILL

Station Inventory for Station: OZAR0033

NPS Station ID: OZAR0033
LAT/LON: 37.189170/ -91.270838
Agency: 11NPSWRD
Date Created: 06/10/95
Location: TWO RIVERS - CURRENT RIVER
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TRCR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: S. CENTRAL LOWER MISS R.
Elevation: 0
Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED AT THE TWO RIVERS CURRENT RIVER CANOE AND BOAT ACCESS.

Parameter Inventory for Station: OZAR0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	95	21.8	21.072	25.	7.	9.826	3.135	18.86	20.	23.	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	44	26.9	25.582	33.	3.4	34.268	5.854	18.55	23.15	29.15	31.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/83-09/06/94	62	305.	297.258	350.	200.	1467.506	38.308	226.5	297.5	321.25	340.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/06/94	11	9.5	9.291	10.6	7.3	1.017	1.008	7.52	8.5	10.	10.58
00400p	PH (STANDARD UNITS)	07/12/83-09/06/94	48	8.1	8.051	8.6	7.1	0.109	0.33	7.6	7.9	8.268	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/12/83-09/06/94	48	8.1	7.895	8.6	7.1	0.134	0.366	7.6	7.9	8.267	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/83-09/06/94	48	0.008	0.013	0.079	0.003	0.	0.016	0.003	0.005	0.013	0.025
00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	15	8.	8.007	8.31	7.5	0.061	0.246	7.596	7.84	8.24	8.292
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/08/91-08/24/93	15	8.	7.938	8.31	7.5	0.066	0.257	7.596	7.84	8.24	8.292
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/91-08/24/93	15	0.01	0.012	0.032	0.005	0.	0.007	0.005	0.006	0.014	0.026
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	54	166.5	164.463	212.	82.	454.933	21.329	145.5	155.75	175.5	187.
00600p	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	45	0.38	0.379	0.54	0.06	0.009	0.097	0.298	0.35	0.44	0.484
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-07/28/86	9	0.14	0.193	0.33	0.06	0.013	0.114	0.06	0.095	0.315	0.33
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	44	0.008	0.009	0.024	0.004	0.	0.003	0.006	0.007	0.01	0.013
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	94	24.	41.564	500.	0.	3924.227	62.644	4.	10.	47.75	108.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	94	1.38	1.307	2.699	0.	0.326	0.571	0.588	1.	1.679	2.035
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.294								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	81	30.	88.531	1385.	0.	34403.327	185.481	5.6	16.	72.5	192.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	81	1.477	1.522	3.141	0.	0.378	0.615	0.74	1.204	1.86	2.283
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			33.255								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/31/89-09/06/94	37	1.	1.184	8.	0.3	1.558	1.248	0.5	0.7	1.2	2.06

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

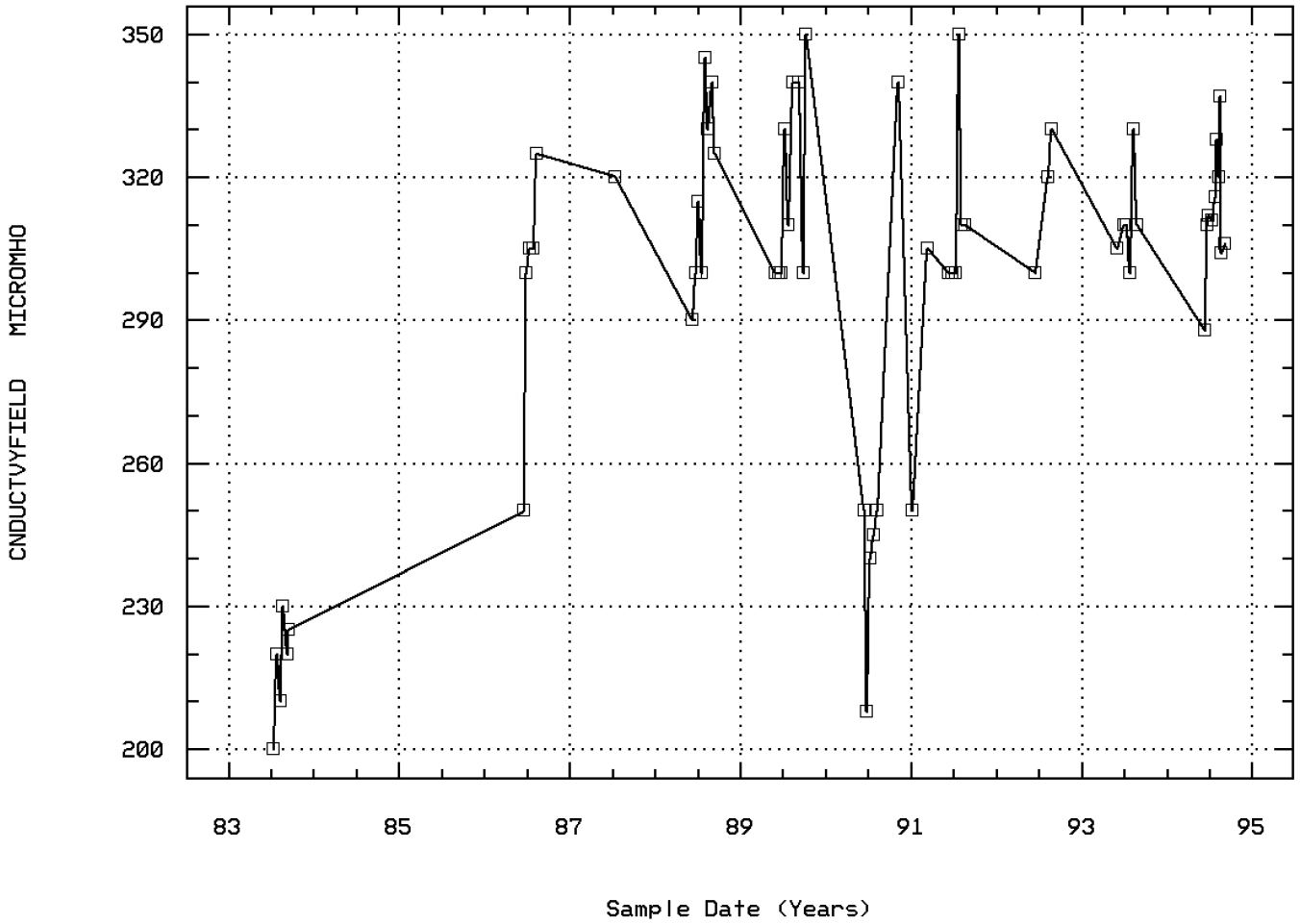
EPA Water Quality Criteria Analysis for Station: OZAR0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00				6	0	0.00			
00400	PH	Other-Hi Lim.	9.	48	0	0.00	18	0	0.00	2	0	0.00	28	0	0.00			
		Other-Lo Lim.	6.5	48	0	0.00	18	0	0.00	2	0	0.00	28	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	15	0	0.00	4	0	0.00	2	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	4	0	0.00	2	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	3	0	0.00				6	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	94	1	0.01	42	1	0.02	4	0	0.00	48	0	0.00			

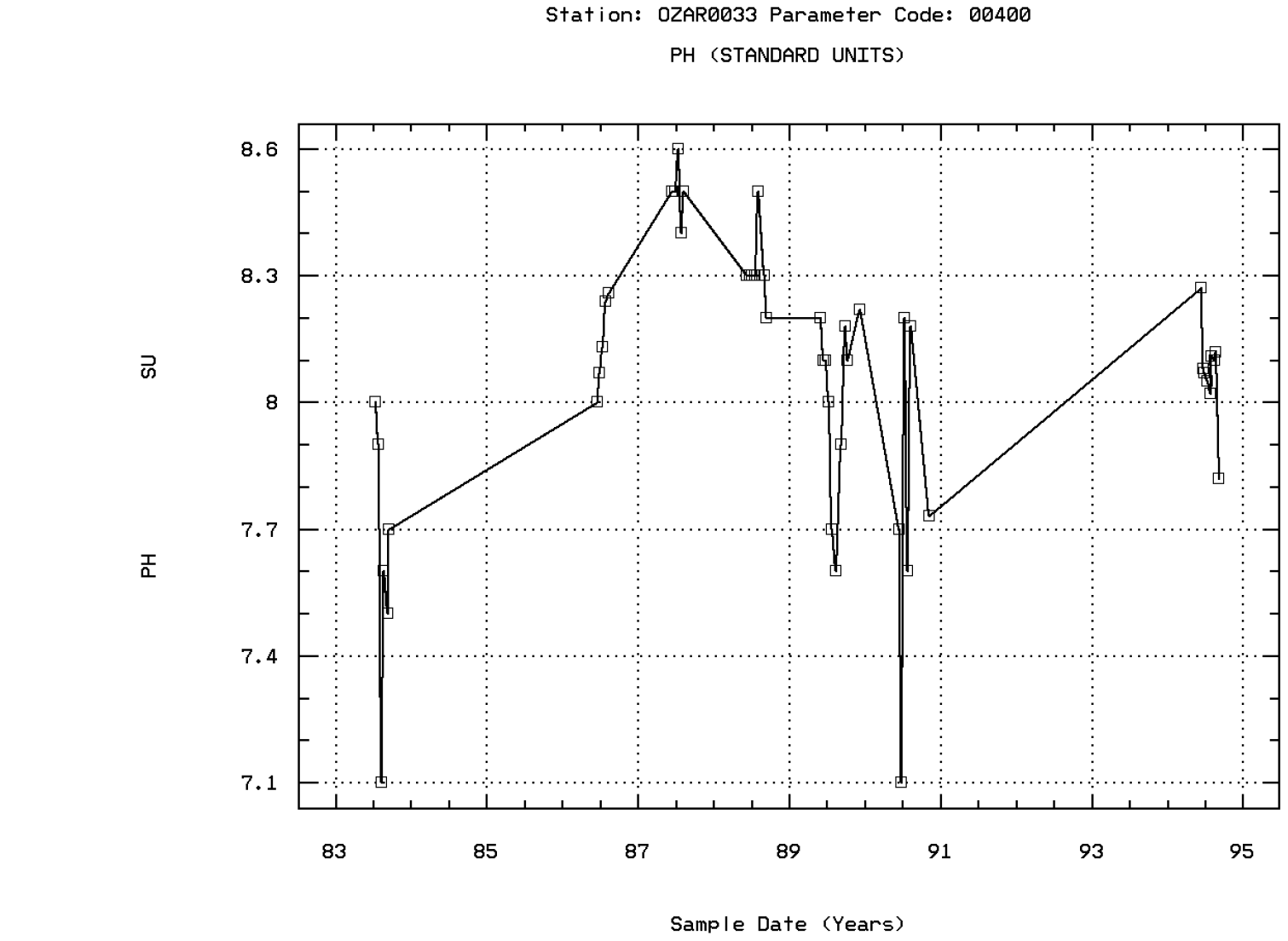
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: OZAR0033 Parameter Code: 00094

SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @



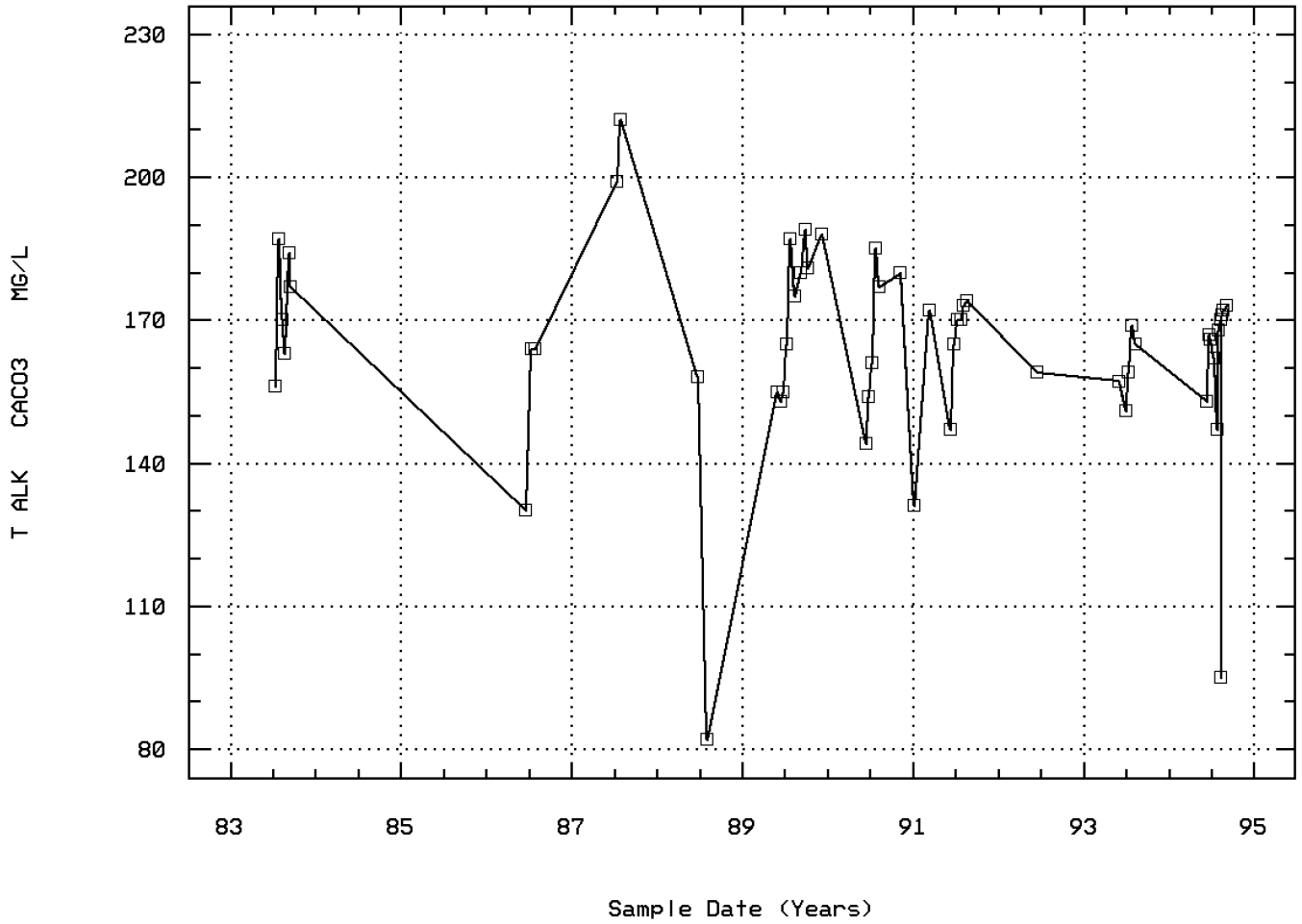
TWO RIVERS - CURRENT RIVER



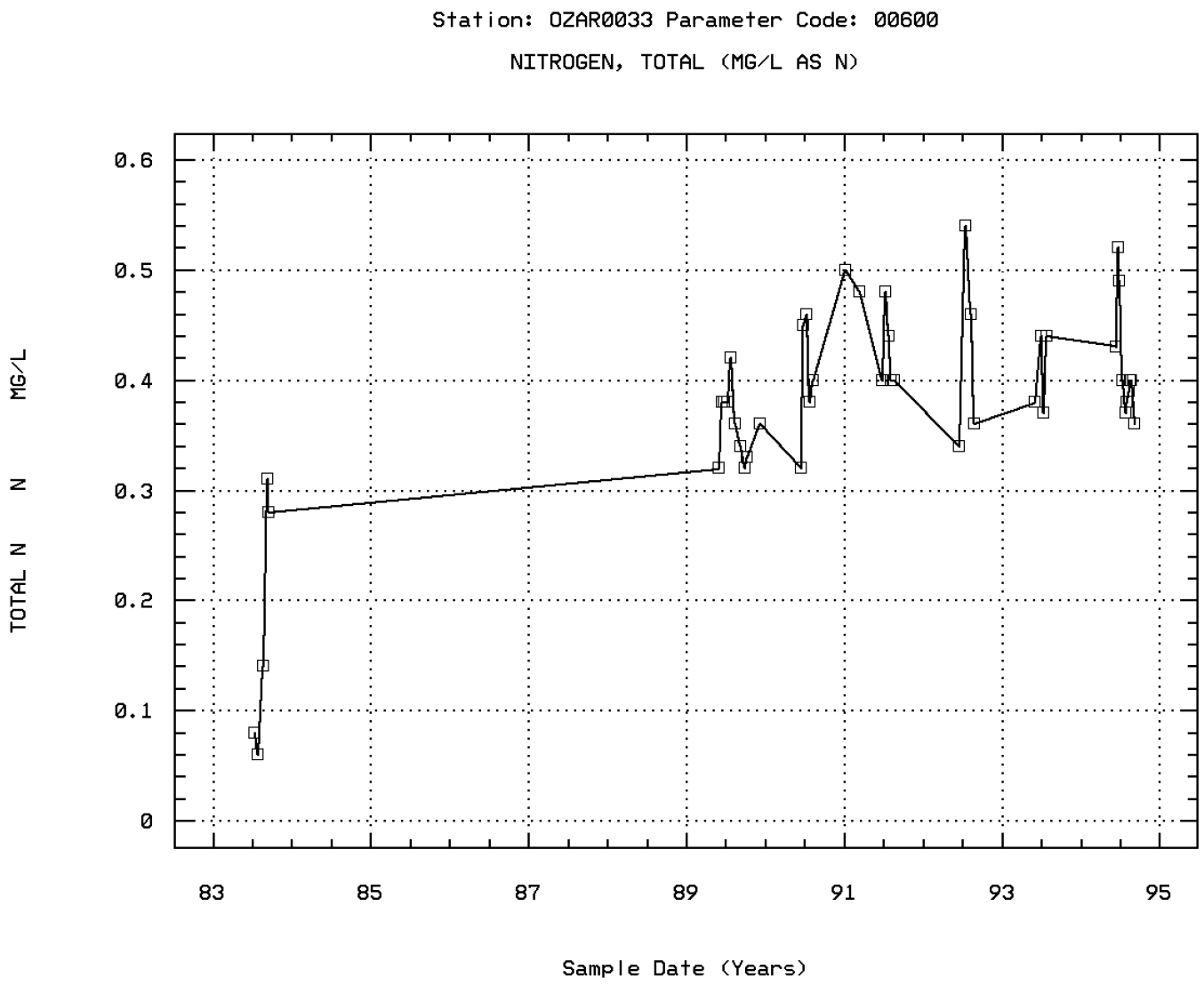
TWO RIVERS - CURRENT RIVER

Station: OZAR0033 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



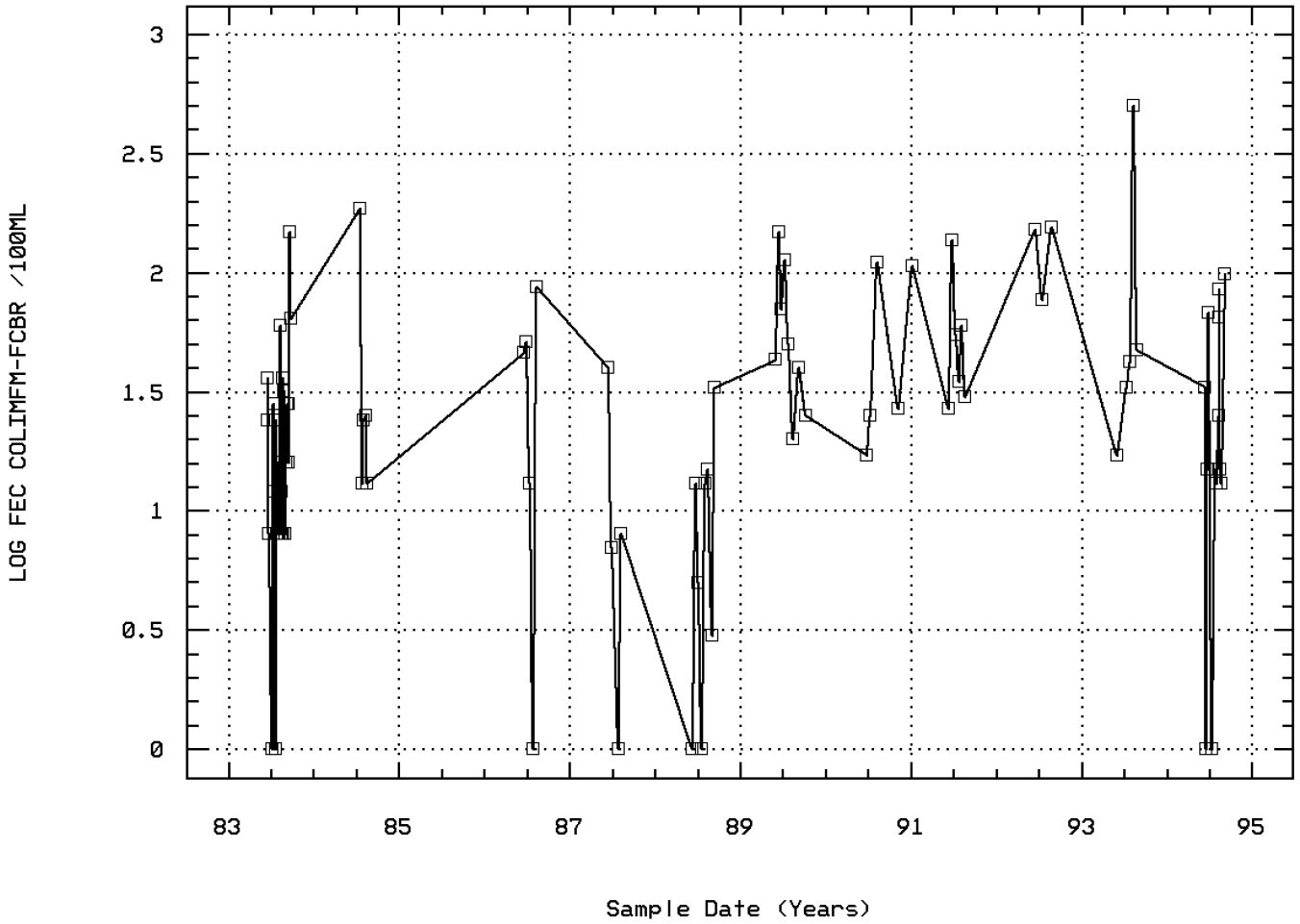
TWO RIVERS - CURRENT RIVER



TWO RIVERS - CURRENT RIVER

Station: OZAR0033 Parameter Code: 31616

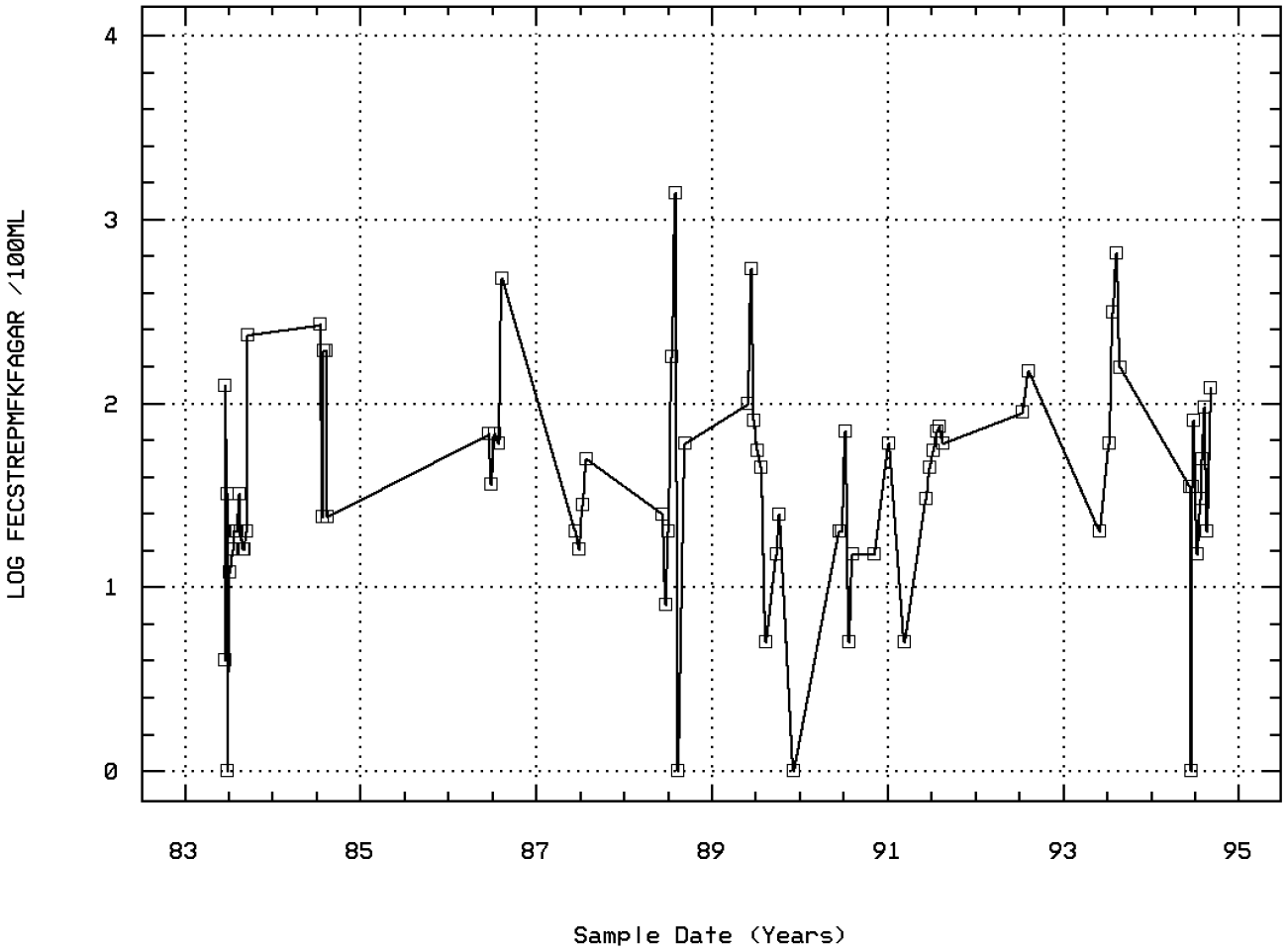
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



TWO RIVERS - CURRENT RIVER

Station: OZAR0033 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



TWO RIVERS - CURRENT RIVER

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	43	21.8	21.423	25.	15.3	4.97	2.229	19.	20.	23.3	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	15	26.	25.56	33.	20.	16.111	4.014	20.6	22.	28.	33.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/83-09/06/94	25	320.	305.4	350.	210.	1807.333	42.513	223.	302.	333.5	342.
00400	PH (STANDARD UNITS)	07/12/83-09/06/94	18	8.105	7.987	8.5	7.1	0.136	0.369	7.46	7.675	8.215	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/12/83-09/06/94	18	8.105	7.813	8.5	7.1	0.168	0.41	7.46	7.675	8.215	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/83-09/06/94	18	0.008	0.015	0.079	0.003	0.	0.018	0.003	0.006	0.021	0.036
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	19	173.	165.211	189.	82.	775.064	27.84	95.	168.	177.	184.
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	17	0.36	0.355	0.46	0.14	0.005	0.07	0.252	0.325	0.4	0.412
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	15	0.008	0.008	0.012	0.005	0.	0.002	0.006	0.006	0.008	0.011
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	42	25.	48.143	500.	3.	6475.979	80.473	8.	12.75	60.	106.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	42	1.398	1.415	2.699	0.477	0.202	0.45	0.903	1.105	1.778	2.026
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.999								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	32	24.5	130.906	1385.	0.	72444.217	269.155	10.	15.25	142.5	404.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	32	1.389	1.606	3.141	0.	0.444	0.667	1.	1.183	2.152	2.586
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			40.319								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	4	9.	9.3	12.2	7.	6.333	2.517	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	4	12.05	11.15	17.1	3.4	33.243	5.766	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/83-09/06/94	3	305.	298.333	340.	250.	2058.333	45.369	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/83-09/06/94	2	7.975	7.975	8.22	7.73	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/83-09/06/94	2	7.909	7.909	8.22	7.73	0.129	0.359	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/83-09/06/94	2	0.012	0.012	0.019	0.006	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	4	176.	167.75	188.	131.	642.917	25.356	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	3	0.48	0.447	0.5	0.36	0.006	0.076	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	3	0.005	0.006	0.009	0.004	0.	0.003	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	18.5	38.5	107.	10.	2149.667	46.364	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	1.216	1.365	2.029	1.	0.237	0.487	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.184								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	10.	20.	60.	0.	750.	27.386	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	0.938	0.913	1.778	0.	0.566	0.752	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			8.19								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	48	22.	21.738	24.4	17.	2.448	1.564	20.	20.825	22.95	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	25	28.	27.904	33.	22.	7.513	2.741	24.	25.55	30.	31.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/83-09/06/94	34	300.	291.176	350.	200.	1185.059	34.425	230.	289.5	310.	318.
00400	PH (STANDARD UNITS)	07/12/83-09/06/94	28	8.1	8.098	8.6	7.1	0.094	0.307	7.69	8.	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/12/83-09/06/94	28	8.1	7.955	8.6	7.1	0.115	0.339	7.69	8.	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/83-09/06/94	28	0.008	0.011	0.079	0.003	0.	0.014	0.003	0.005	0.01	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-09/06/94	31	161.	163.581	212.	130.	271.785	16.486	147.	154.	169.	187.
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	25	0.4	0.387	0.54	0.06	0.012	0.111	0.224	0.37	0.445	0.502
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	26	0.009	0.01	0.024	0.005	0.	0.004	0.006	0.008	0.011	0.014
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	48	20.5	36.063	185.	0.	1908.102	43.682	0.	8.5	45.25	115.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	48	1.305	1.208	2.267	0.	0.434	0.658	0.	0.927	1.655	2.061
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.159								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	45	35.	64.489	540.	0.	9136.074	95.583	6.8	20.	69.	146.4

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	45	1.544	1.516	2.732	0.	0.297	0.545	0.821	1.301	1.839	2.158
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			32.844								

** - Less than 9 observations ## - Computed 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: OZAR0034

NPS Station ID: OZAR0034
LAT/LON: 37.189448/ -91.279170
Agency: 11NPSWRD
Date Created: 06/10/95
Location: TWO RIVERS - JACKS FORK
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TRJF
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: S. CENTRAL LOWER MISS R.
Elevation: 0
Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED WHERE JACKS FORK RIVER EMPTIES INTO CURRENT RIVER. ACCESS IS BY FOLLOWING PATH FROM TWO RIVER CR CONCESSION PARKING LOT

Parameter Inventory for Station: OZAR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-04/09/91	58	22.	21.348	26.1	7.9	13.713	3.703	16.81	20.15	23.9	24.46
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-04/09/91	25	26.3	24.404	32.	4.2	43.365	6.585	13.84	22.6	28.	30.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-04/09/91	30	300.	286.833	350.	190.	1961.178	44.285	225.5	250.	325.	349.5
00300	OXYGEN, DISSOLVED MG/L	08/14/83-09/04/83	3	9.5	9.6	10.5	8.8	0.73	0.854	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-12/04/90	32	8.05	7.945	8.5	7.	0.154	0.392	7.36	7.6	8.29	8.44
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-12/04/90	32	8.05	7.753	8.5	7.	0.192	0.438	7.36	7.6	8.29	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-12/04/90	32	0.009	0.018	0.1	0.003	0.	0.02	0.004	0.005	0.025	0.045
00406	PH, FIELD, STANDARD UNITS SU	02/06/91-02/06/91	1	8.05	8.05	8.05	8.05	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/06/91-02/06/91	1	8.05	8.05	8.05	8.05	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/91-02/06/91	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-04/09/91	28	173.5	170.321	195.	137.	291.263	17.066	148.6	154.5	186.75	190.1
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-02/06/91	19	0.32	0.335	0.5	0.11	0.01	0.099	0.19	0.3	0.38	0.49
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/11/83-07/28/86	5	0.21	0.226	0.31	0.11	0.007	0.085	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-02/06/91	18	0.008	0.008	0.015	0.001	0.	0.003	0.004	0.006	0.009	0.014
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-04/09/91	58	28.	55.741	623.	0.	8409.213	91.702	4.	10.	65.25	131.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-04/09/91	58	1.447	1.393	2.794	0.	0.372	0.61	0.602	1.	1.815	2.12
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.735								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-04/09/91	45	44.	89.978	685.	0.	23708.522	153.976	10.	20.	68.	307.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-04/09/91	45	1.643	1.594	2.836	0.	0.303	0.551	1.	1.301	1.833	2.452
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			39.226								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/31/89-02/06/91	13	0.8	0.854	1.4	0.5	0.058	0.24	0.54	0.65	1.	1.28

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

EPA Water Quality Criteria Analysis for Station: OZAR0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Other-Hi Lim.	9.	32	0	0.00	8	0	0.00	2	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	32	0	0.00	8	0	0.00	2	0	0.00	22	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	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.	5	0	0.00	2	0	0.00				3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	58	2	0.03	23	1	0.04	4	1	0.25	31	0	0.00			

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

Station Inventory for Station: OZAR0035

NPS Station ID: OZAR0035
LAT/LON: 37.181392/ -91.293337
Agency: 112WRD
Date Created: / /
Location: JACKS FORK ABOVE TWO RIVERS
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07066110
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008042
RF1 Mile Point: 1.440
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008005000.00
RF3 Mile Point: 0.10
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-03/22/94	51	16.	15.382	22.5	5.	23.923	4.891	7.	12.	19.	21.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-03/22/94	32	774.5	774.063	785.	760.	38.77	6.227	766.3	770.	779.	781.7
00060	FLOW, STREAM, MEAN DAILY CFS	05/04/77-05/04/77	1	242.	242.	242.	242.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-03/22/94	50	385.	482.96	2200.	121.	165633.06	406.98	146.4	217.5	605.75	1103.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/05/73-04/15/75	9	1.	2.444	10.	1.	9.028	3.005	1.	1.	3.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	04/05/73-04/15/75	10	2.	2.6	5.	0.	3.378	1.838	0.1	1.	5.	5.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-03/22/94	51	319.	313.059	385.	204.	1233.936	35.127	265.	292.	339.	352.4
00300p	OXYGEN, DISSOLVED MG/L	04/05/73-03/22/94	51	9.4	9.935	13.6	7.5	2.54	1.594	8.	8.9	11.1	12.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/73-06/30/82	19	96.	96.842	108.	88.	38.585	6.212	89.	92.	100.	107.
00335	COD, .025N K2CR2O7 MG/L	04/05/73-04/15/75	10	2.	2.2	7.	0.	4.4	2.098	0.	0.75	3.25	6.7
00340	COD, .25N K2CR2O7 MG/L	11/12/92-01/05/94	10 ##	5.	12.8	76.	5.	497.956	22.315	5.	5.	6.75	69.6
00400p	PH (STANDARD UNITS)	04/05/73-03/22/94	51	8.	8.012	8.4	7.5	0.05	0.225	7.62	7.9	8.2	8.3
00400p	CONVERTED PH (STANDARD UNITS)	04/05/73-03/22/94	51	8.	7.952	8.4	7.5	0.054	0.233	7.62	7.9	8.2	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-03/22/94	51	0.01	0.011	0.032	0.004	0.	0.007	0.005	0.006	0.013	0.024
00403	PH, LAB, STANDARD UNITS SU	11/12/92-01/05/94	9	8.1	8.	8.2	7.7	0.042	0.206	7.7	7.75	8.15	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/12/92-01/05/94	9	8.1	7.954	8.2	7.7	0.045	0.212	7.7	7.75	8.15	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/12/92-01/05/94	9	0.008	0.011	0.02	0.006	0.	0.006	0.006	0.007	0.018	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	04/05/73-09/22/81	18	2.75	2.978	7.2	1.6	1.782	1.335	1.78	1.95	3.45	4.68
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-03/22/94	48	171.	168.708	231.	108.	633.53	25.17	131.9	148.25	184.75	196.1
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/07/86-03/22/94	20	182.5	181.2	230.	113.	723.432	26.897	146.4	172.	189.	227.
00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-05/24/89	24	207.	201.333	230.	158.	491.71	22.175	166.	180.75	220.75	228.
00445	CARBONATE ION (MG/L AS CO3)	04/05/73-05/24/89	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/07/86-03/22/94	21	0.	3.19	34.	0.	71.562	8.459	0.	0.	0.	17.6
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/07/86-03/22/94	21	217.	213.524	280.	136.	1427.962	37.788	146.	186.	230.5	275.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/12/92-01/05/94	10	4.	5.45	15.	0.5	29.192	5.403	0.5	0.5	10.5	14.7
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	07/10/74-10/22/74	2	11.65	11.65	21.	2.3	174.845	13.223	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-06/30/82	16	0.505	0.574	1.7	0.3	0.105	0.324	0.335	0.405	0.595	1.042
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/05/73-09/22/81	16	0.11	0.168	0.92	0.	0.049	0.222	0.	0.07	0.2	0.528
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-01/05/94	46	0.015	0.02	0.1	0.005	0.	0.019	0.005	0.005	0.03	0.043
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-01/05/94	47 ##	0.005	0.007	0.04	0.	0.	0.006	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/05/73-09/22/81	18	0.31	0.332	0.79	0.18	0.018	0.133	0.18	0.265	0.365	0.457
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-01/05/94	49	0.19	0.231	0.93	0.01	0.038	0.194	0.1	0.1	0.3	0.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-01/05/94	47	0.3	0.331	0.79	0.15	0.011	0.107	0.2	0.29	0.38	0.422
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/93-04/14/93	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-01/05/94	49	0.01	0.017	0.13	0.	0.	0.022	0.005	0.005	0.02	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/05/73-04/15/75	9	0.01	0.012	0.04	0.005	0.	0.011	0.005	0.005	0.015	0.04

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Parameter Inventory for Station: OZAR0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/93-04/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/93-03/18/93	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/05/73-04/15/75	10	160.	159.	190.	130.	298.889	17.288	131.	147.5	170.	188.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/05/73-04/15/75	10	3.5	3.6	9.	0.	8.711	2.951	0.	0.75	6.	8.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-01/05/94	18	32.	31.889	40.	24.	13.163	3.628	27.6	29.	34.25	36.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-01/05/94	18	19.	18.556	23.	13.	5.908	2.431	14.8	17.	21.	21.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-01/05/94	18	1.4	1.383	1.8	0.8	0.058	0.241	1.07	1.2	1.6	1.71
00931	SODIUM ADSORPTION RATIO	04/05/73-04/15/75	10	0.05	0.05	0.1	0.	0.003	0.053	0.	0.	0.1	0.1
00932	SODIUM, PERCENT	04/05/73-04/15/75	10	2.	2.2	3.	2.	0.178	0.422	2.	2.	2.25	3.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-01/05/94	18	1.	1.039	2.6	0.7	0.164	0.405	0.79	0.9	1.025	1.25
00940	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-01/05/94	18	2.	1.994	3.	0.9	0.365	0.604	0.99	2.	2.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-01/05/94	18	4.	3.833	5.	3.	0.5	0.707	3.	3.	4.	5.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-01/05/94	18 ##	0.05	0.069	0.4	0.05	0.007	0.082	0.05	0.05	0.05	0.085
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/05/73-04/15/75	10	7.95	7.45	8.8	5.3	1.318	1.148	5.4	6.45	8.4	8.76
01002	ARSENIC, TOTAL (UG/L AS AS)	04/05/73-04/15/75	9	1.	2.	6.	0.5	4.188	2.046	0.5	0.75	3.5	6.
01007	BARIUM, TOTAL (UG/L AS BA)	04/05/73-04/15/75	8 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/12/92-01/05/94	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-01/05/94	46 ##	0.5	2.457	10.	0.	14.387	3.793	0.	0.5	1.25	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/05/73-04/15/75	9 ##	0.	1.111	10.	0.	11.111	3.333	0.	0.	0.	10.
01037	COBALT, TOTAL (UG/L AS CO)	04/05/73-04/15/75	9 ##	50.	37.944	50.	4.	354.903	18.839	4.	18.75	50.	50.
01040	COPPER, DISSOLVED (UG/L AS CU)	11/12/92-01/05/94	8 ##	0.5	0.938	2.	0.5	0.46	0.678	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/05/73-04/15/75	9 ##	10.	10.	20.	0.	25.	5.	0.	10.	10.	20.
01046	IRON, DISSOLVED (UG/L AS FE)	04/05/73-01/05/94	18	20.	55.25	400.	1.5	10067.243	100.336	3.75	5.	47.5	229.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/12/92-01/05/94	8 ##	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	04/05/73-01/05/94	46	2.5	26.641	350.	0.5	3655.052	60.457	0.5	1.	7.5	100.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/12/92-07/09/93	7	10.	20.714	80.	5.	728.571	26.992	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-01/05/94	18 ##	5.	5.389	20.	1.	18.016	4.245	1.9	2.75	5.	11.9
01067	NICKEL, TOTAL (UG/L AS NI)	04/05/73-04/15/75	9 ##	25.	30.556	100.	0.	863.715	29.389	0.	12.5	37.5	100.
01077	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	38 ##	0.5	2.763	10.	0.	16.767	4.095	0.	0.5	3.25	10.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/12/92-01/05/94	8 ##	2.5	8.188	35.	1.5	141.353	11.889	**	**	**	**
01092p	ZINC, TOTAL (UG/L AS ZN)	04/05/73-01/05/94	46 ##	10.	31.739	260.	2.	3318.419	57.606	5.	5.	30.	98.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/22/93-01/05/94	9	70.	74.889	170.	34.	2185.111	46.745	34.	40.	105.	170.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	01/22/93-01/05/94	9	10.	16.111	60.	5.	329.861	18.162	5.	5.	20.	60.
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04036	PROMETRYN,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04038	DEISOPROPYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11/12/92-07/09/93	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/05/73-04/05/73	1	540.	540.	540.	540.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/05/73-04/05/73	1	2.732	2.732	2.732	2.732	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			540.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-09/23/76	11	16.	23.	53.	2.	314.4	17.731	2.4	10.	42.	52.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/05/73-09/23/76	11	1.204	1.199	1.724	0.301	0.2	0.447	0.361	1.	1.623	1.716
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.818								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-03/22/94	39	36.	234.974	5200.	2.	798144.447	893.389	5.	15.	65.	160.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-03/22/94	39	1.556	1.54	3.716	0.301	0.443	0.666	0.699	1.176	1.813	2.204
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			34.685								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-03/22/94	37	30.	385.703	10600.	2.	3047350.326	1745.666	8.8	14.	84.	286.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-03/22/94	37	1.477	1.627	4.025	0.301	0.466	0.683	0.944	1.146	1.922	2.454
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			42.375								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/05/73-09/23/76	11	28.	35.636	80.	12.	603.655	24.569	12.	16.	56.	79.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/05/73-09/23/76	11	1.447	1.461	1.903	1.079	0.087	0.295	1.079	1.204	1.748	1.899
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			28.886								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/05/73-04/15/75	9	0.	0.029	0.16	0.	0.003	0.054	0.	0.	0.05	0.16
38401	AMETRYN WATER,DISSUG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38535	PROPAZINE WATER,DISSUG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	08/10/93-01/05/94	2	180.5	180.5	198.	163.	612.5	24.749	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: OZAR0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	09/24/80-09/24/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/05/73-09/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/10/74-09/24/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	04/17/74-08/27/80	10	355.	512.4	1900.	54.	279542.044	528.717	61.6	242.5	602.5	1789.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-01/05/94	21	157.	162.333	237.	124.	598.833	24.471	141.	144.	174.	196.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/05/73-04/15/75	10	164.	161.7	190.	134.	325.122	18.031	134.5	144.25	175.25	188.6
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/05/73-04/15/75	10	196.	235.5	609.	140.	19013.833	137.891	140.5	148.	248.75	574.7
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/05/73-04/15/75	10	0.205	0.222	0.32	0.19	0.002	0.042	0.19	0.19	0.245	0.314
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/90-01/05/94	14 ##	0.008	0.013	0.08	0.005	0.	0.02	0.005	0.005	0.01	0.05
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/06/80-08/27/80	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/06/80-05/16/84	7	0.03	0.079	0.28	0.	0.009	0.097	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-06/30/82	18	2.3	2.567	7.6	1.3	1.905	1.38	1.57	1.925	2.8	3.82
71900	MERCURY, TOTAL (UG/L AS HG)	04/05/73-01/05/94	16 ##	0.25	0.222	0.7	0.05	0.024	0.155	0.05	0.1	0.25	0.42
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/05/73-04/15/75	10	7.5	16.	58.	2.	325.778	18.049	2.2	4.	27.25	55.6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/05/73-04/15/75	10	18.5	22.61	83.	2.5	624.368	24.987	2.51	2.975	30.5	79.1
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	11/12/92-07/09/93	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: OZAR0035

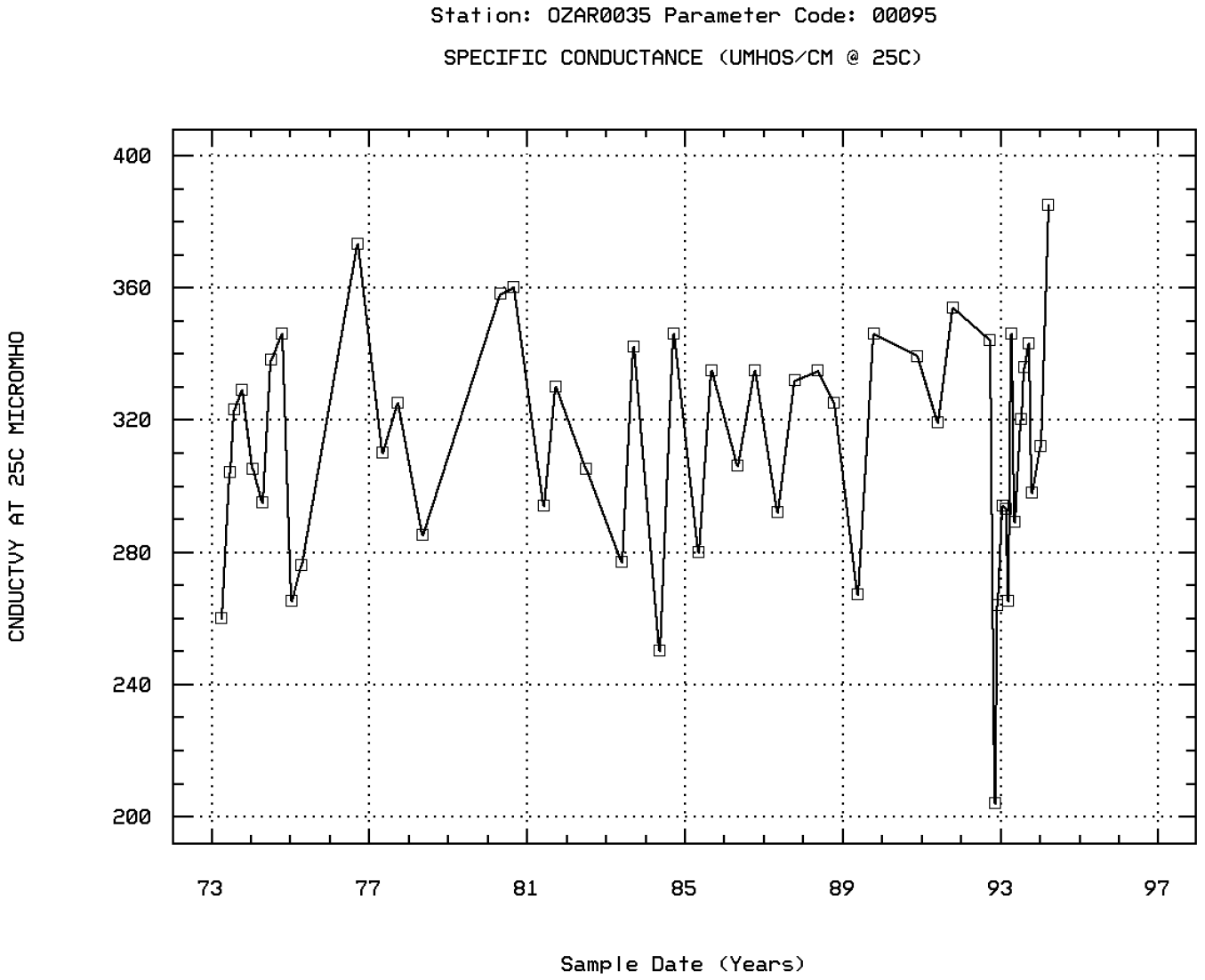
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	51	0	0.00	19	0	0.00	15	0	0.00	17	0	0.00			
00400	PH	Other-Hi Lim.	9.	51	0	0.00	19	0	0.00	15	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	51	0	0.00	19	0	0.00	15	0	0.00	17	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	9	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	47	0	0.00	18	0	0.00	12	0	0.00	17	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	18	0	0.00	7	0	0.00	5	0	0.00	6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	47	0	0.00	18	0	0.00	12	0	0.00	17	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.	18	0	0.00	3	0	0.00	11	0	0.00	4	0	0.00			
		Drinking Water	250.	18	0	0.00	3	0	0.00	11	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	18	0	0.00	3	0	0.00	11	0	0.00	4	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	18	0	0.00	3	0	0.00	11	0	0.00	4	0	0.00			

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

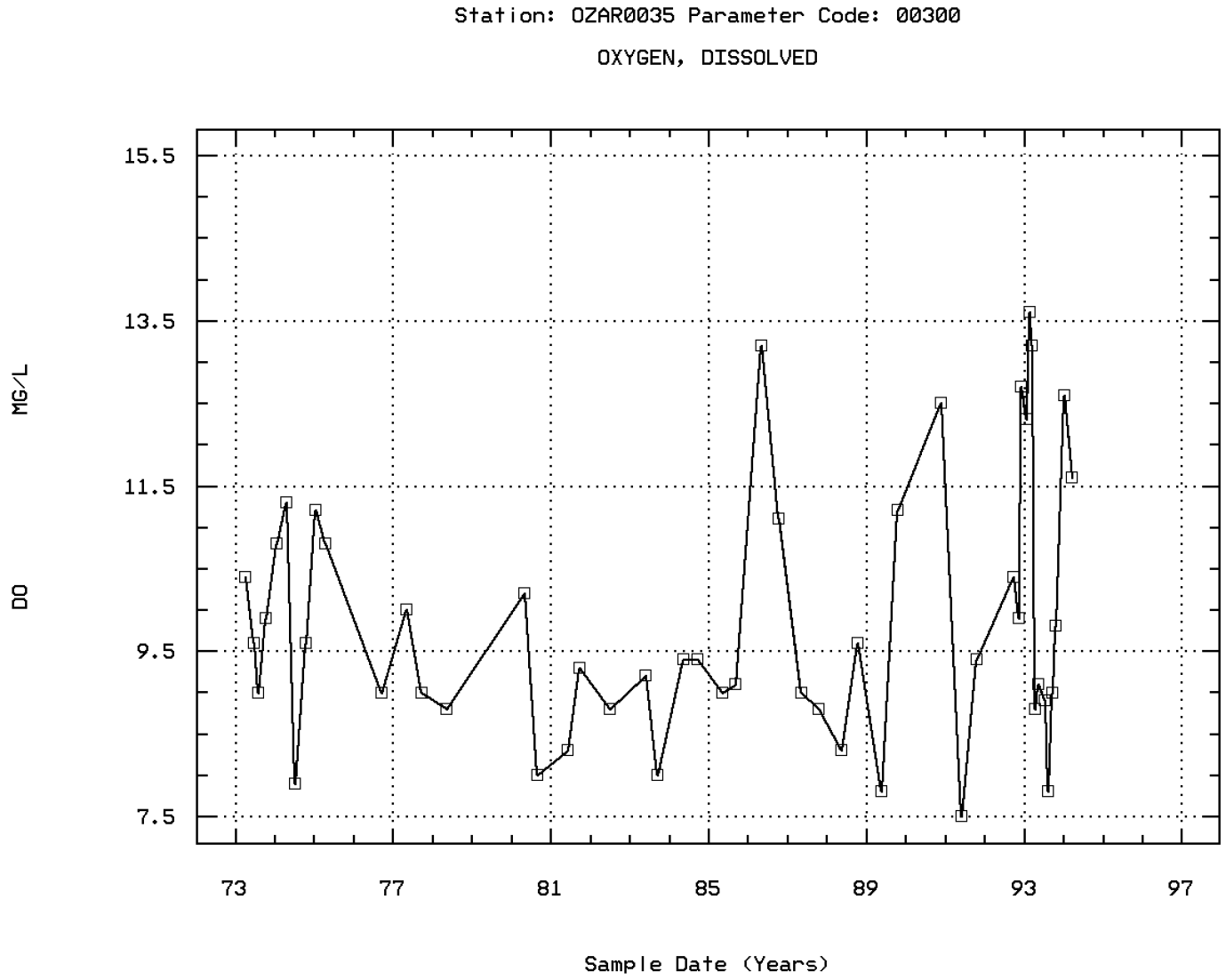
EPA Water Quality Criteria Analysis for Station: OZAR0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	9	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00			
		Drinking Water	50.	9	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	8	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	8	0	0.00				6	0	0.00	2	0	0.00			
		Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	37 &	0	0.00	13	0	0.00	9	0	0.00	15	0	0.00			
		Drinking Water	5.	37 &	0	0.00	13	0	0.00	9	0	0.00	15	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	9	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	0	0.00				6	0	0.00	2	0	0.00			
		Drinking Water	1300.	8	0	0.00				6	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	9	1	0.11	3	1	0.33	5	0	0.00	1	0	0.00			
		Drinking Water	1300.	9	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	8	0	0.00				6	0	0.00	2	0	0.00			
		Drinking Water	15.	8	0	0.00				6	0	0.00	2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	39 &	1	0.03	15	1	0.07	9	0	0.00	15	0	0.00			
		Drinking Water	15.	38 &	2	0.05	14	1	0.07	9	0	0.00	15	1	0.07			
01067	NICKEL, TOTAL	Fresh Acute	1400.	9	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00			
		Drinking Water	100.	8 &	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	29 &	0	0.00	13	0	0.00	3	0	0.00	13	0	0.00			
		Drinking Water	100.	38	0	0.00	17	0	0.00	7	0	0.00	14	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	8	0	0.00				6	0	0.00	2	0	0.00			
		Drinking Water	5000.	8	0	0.00				6	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	46	4	0.09	17	3	0.18	13	1	0.08	16	0	0.00			
		Drinking Water	5000.	46	0	0.00	17	0	0.00	13	0	0.00	16	0	0.00			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	5	0	0.00				3	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	39	3	0.08	15	1	0.07	9	2	0.22	15	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	0.2	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	3	0	0.00	1	0	0.00	2	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	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	3.	2	0	0.00	1	0	0.00				1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	0.4	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	0.2	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	2	0	0.00	1	0	0.00				1	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	5	0	0.00				3	0	0.00	2	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	5	0	0.00				3	0	0.00	2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	16	0	0.00	3	0	0.00	10	0	0.00	3	0	0.00			
		Drinking Water	2.	16	0	0.00	3	0	0.00	10	0	0.00	3	0	0.00			

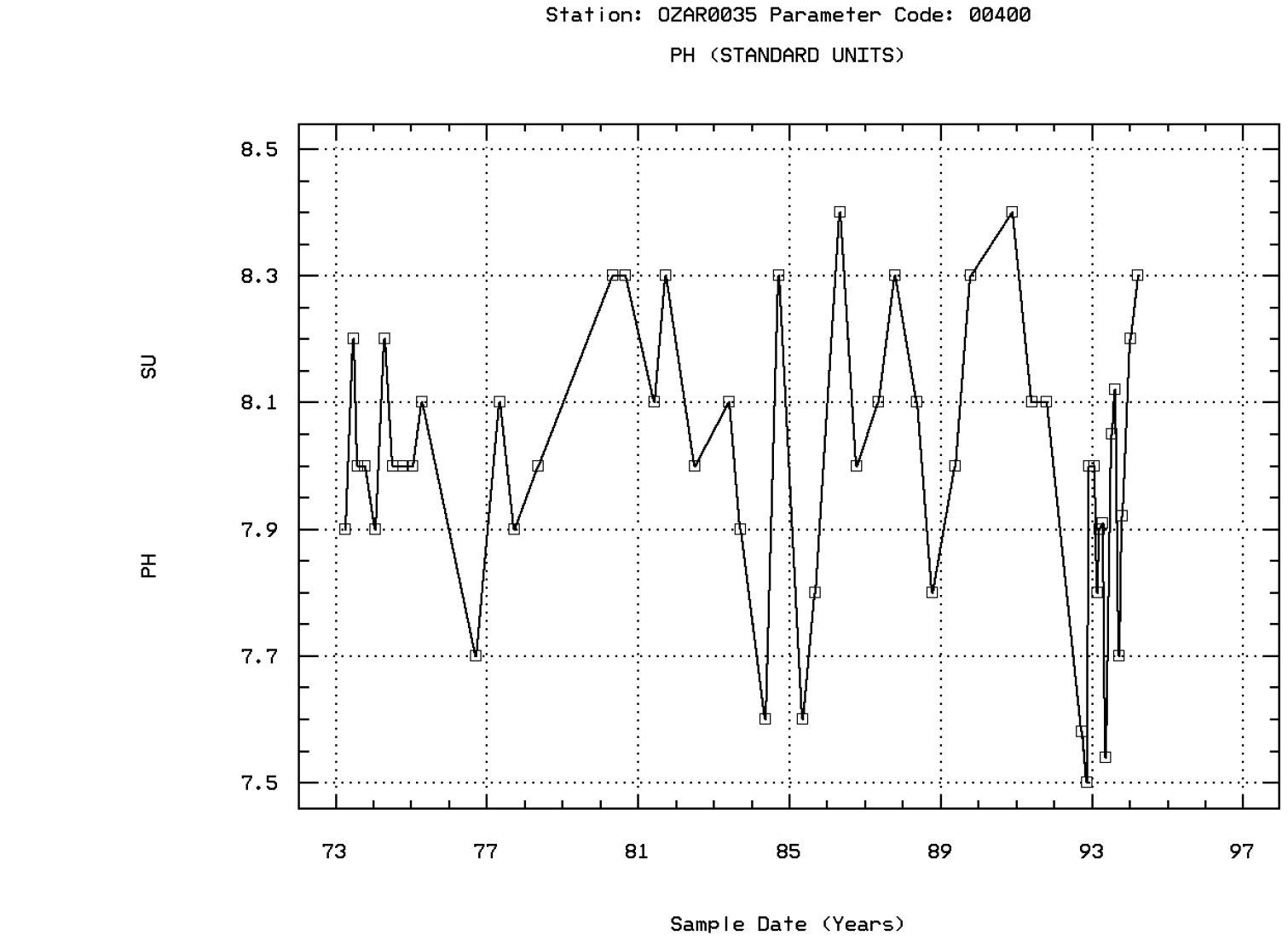
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



JACKS FORK ABOVE TWO RIVERS



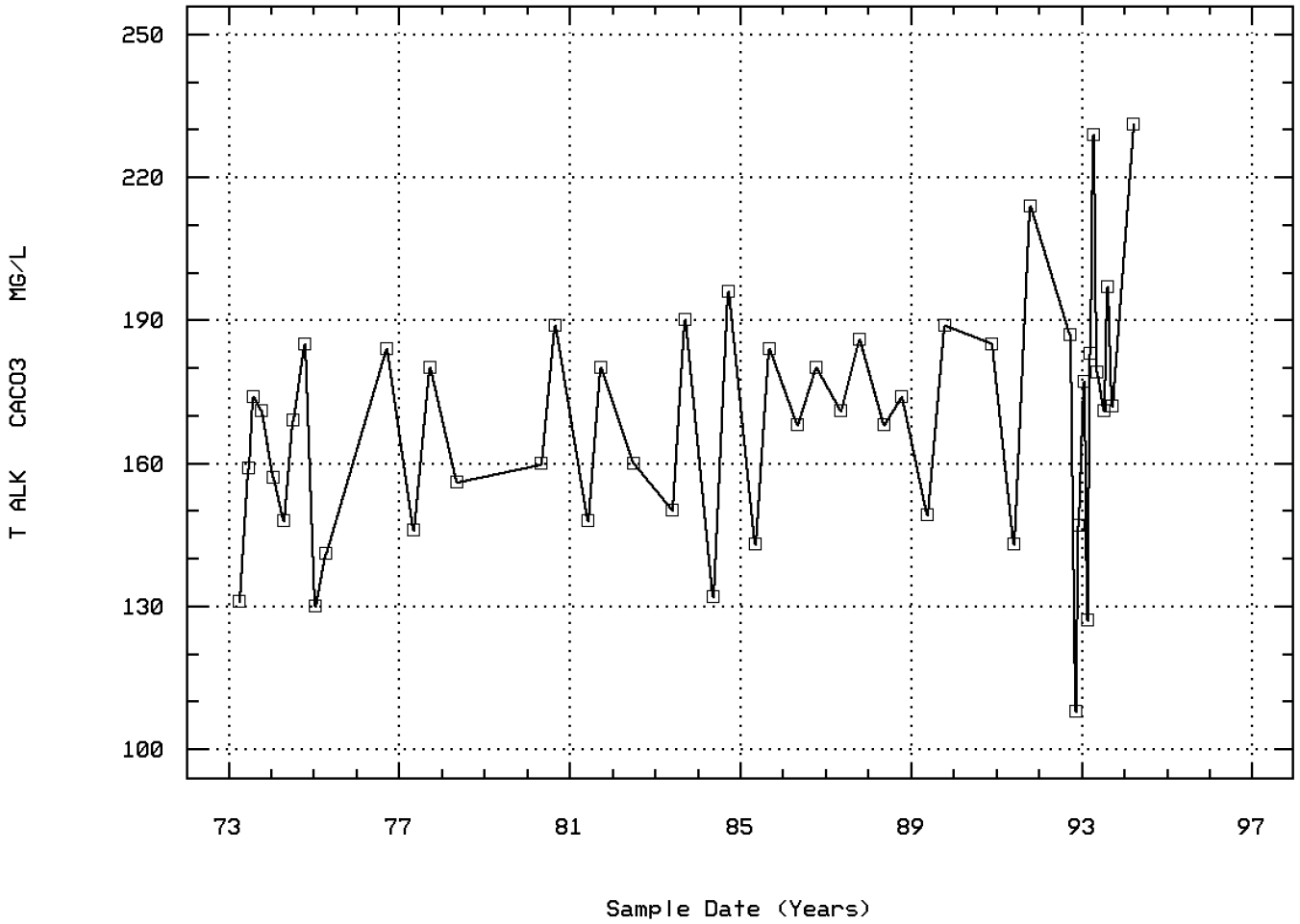
JACKS FORK ABOVE TWO RIVERS



JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00410

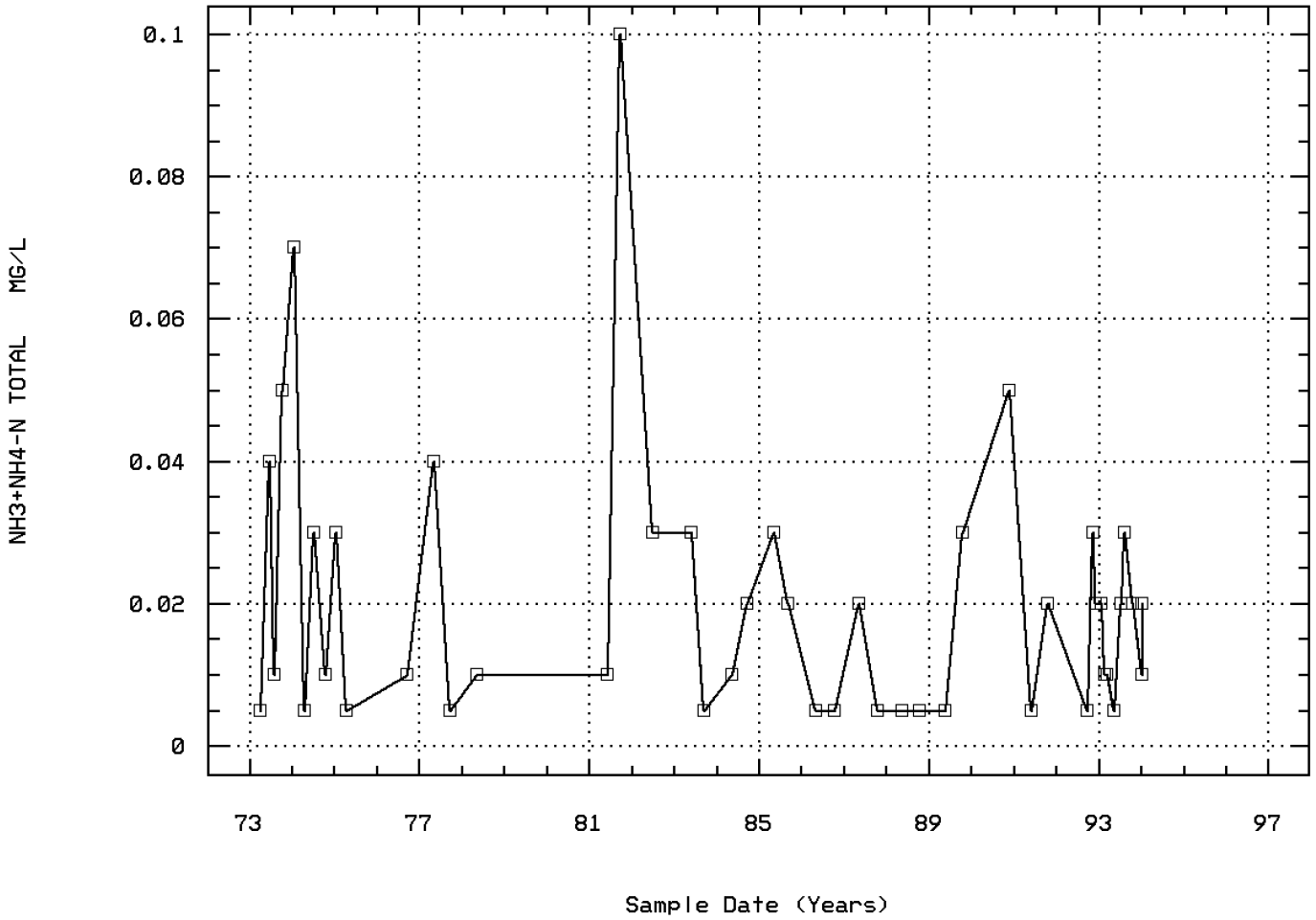
ALKALINITY, TOTAL (MG/L AS CACO3)



JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00610

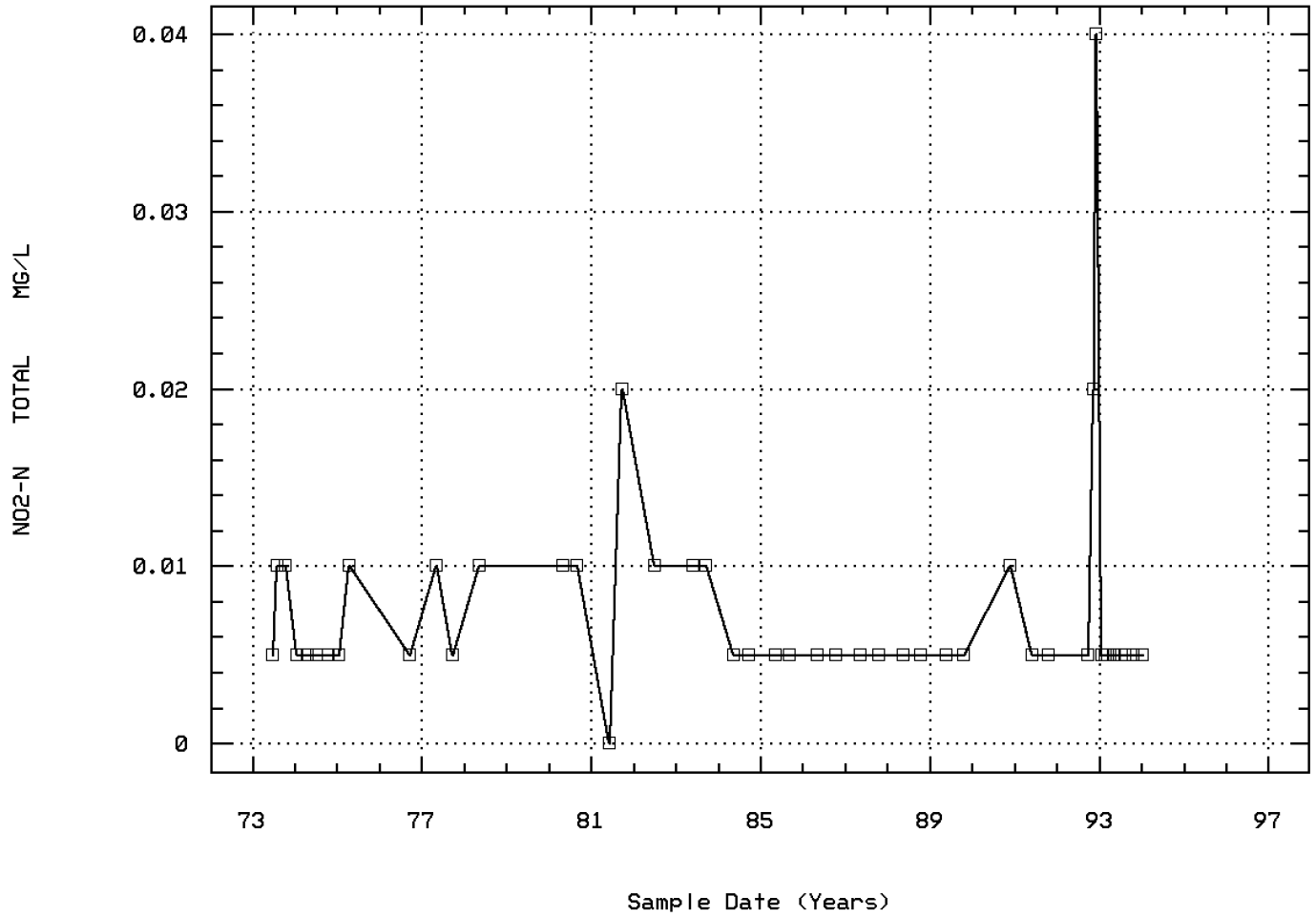
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



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Station: OZAR0035 Parameter Code: 00615

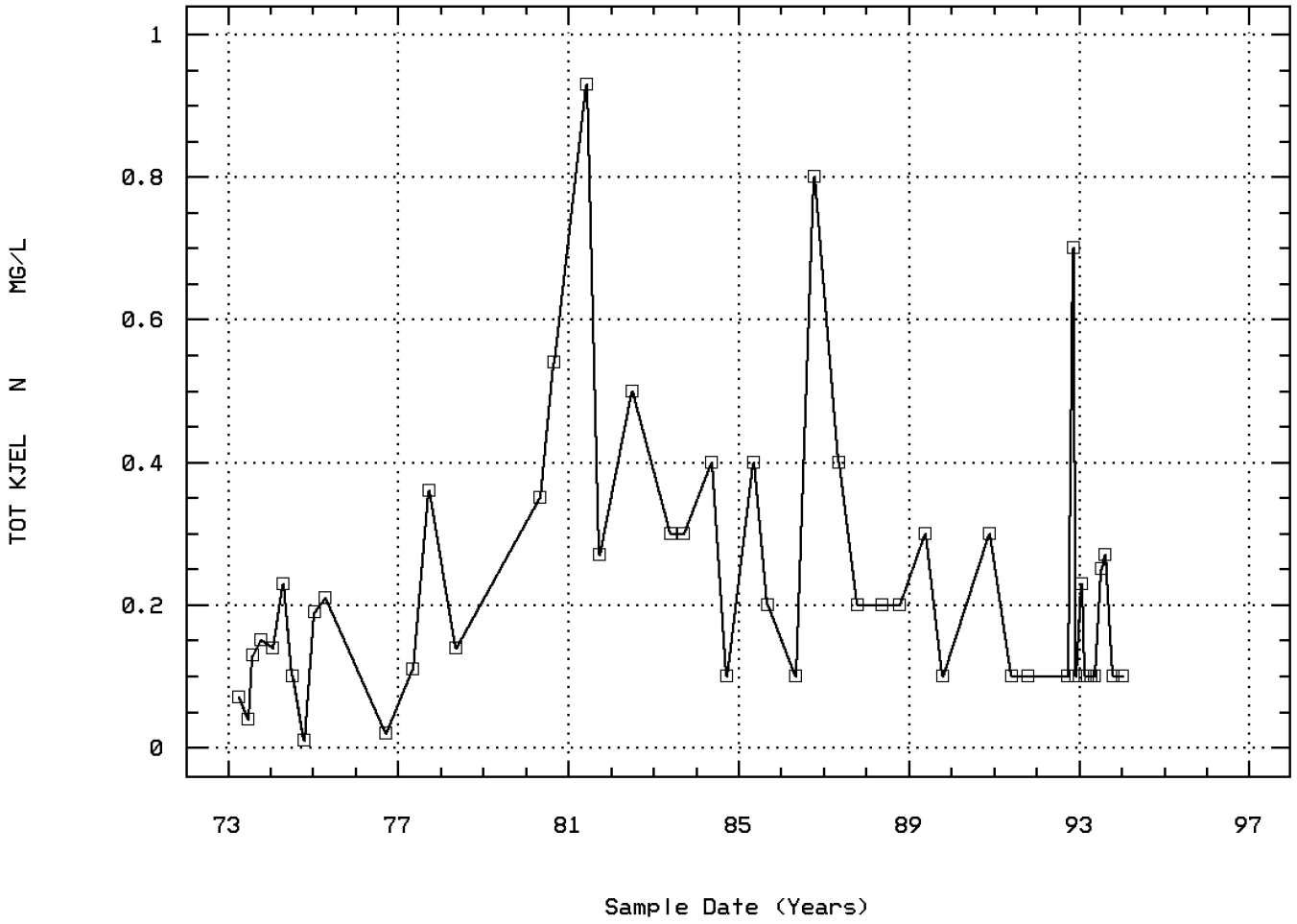
NITRITE NITROGEN, TOTAL (MG/L AS N)



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Station: OZAR0035 Parameter Code: 00625

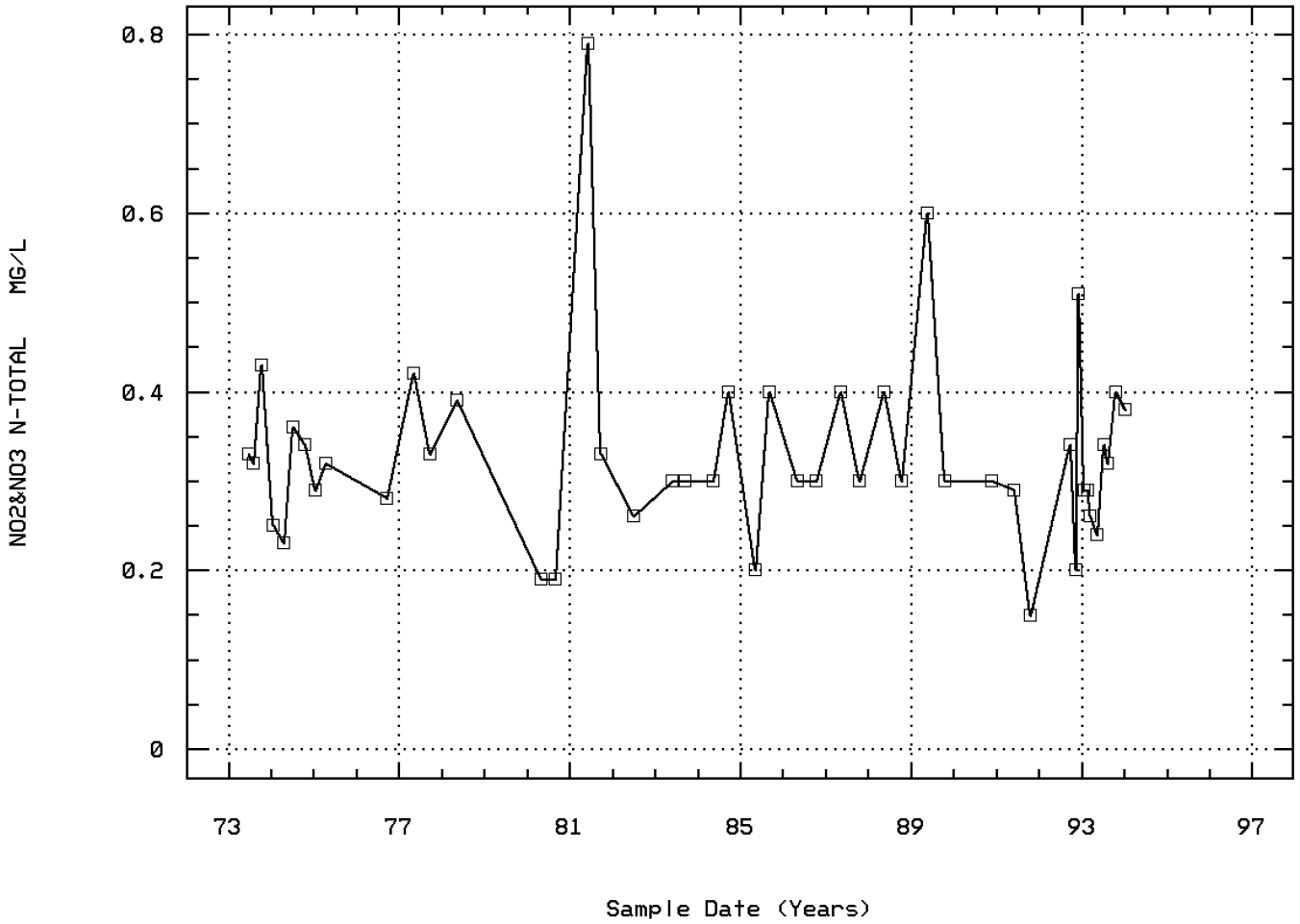
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



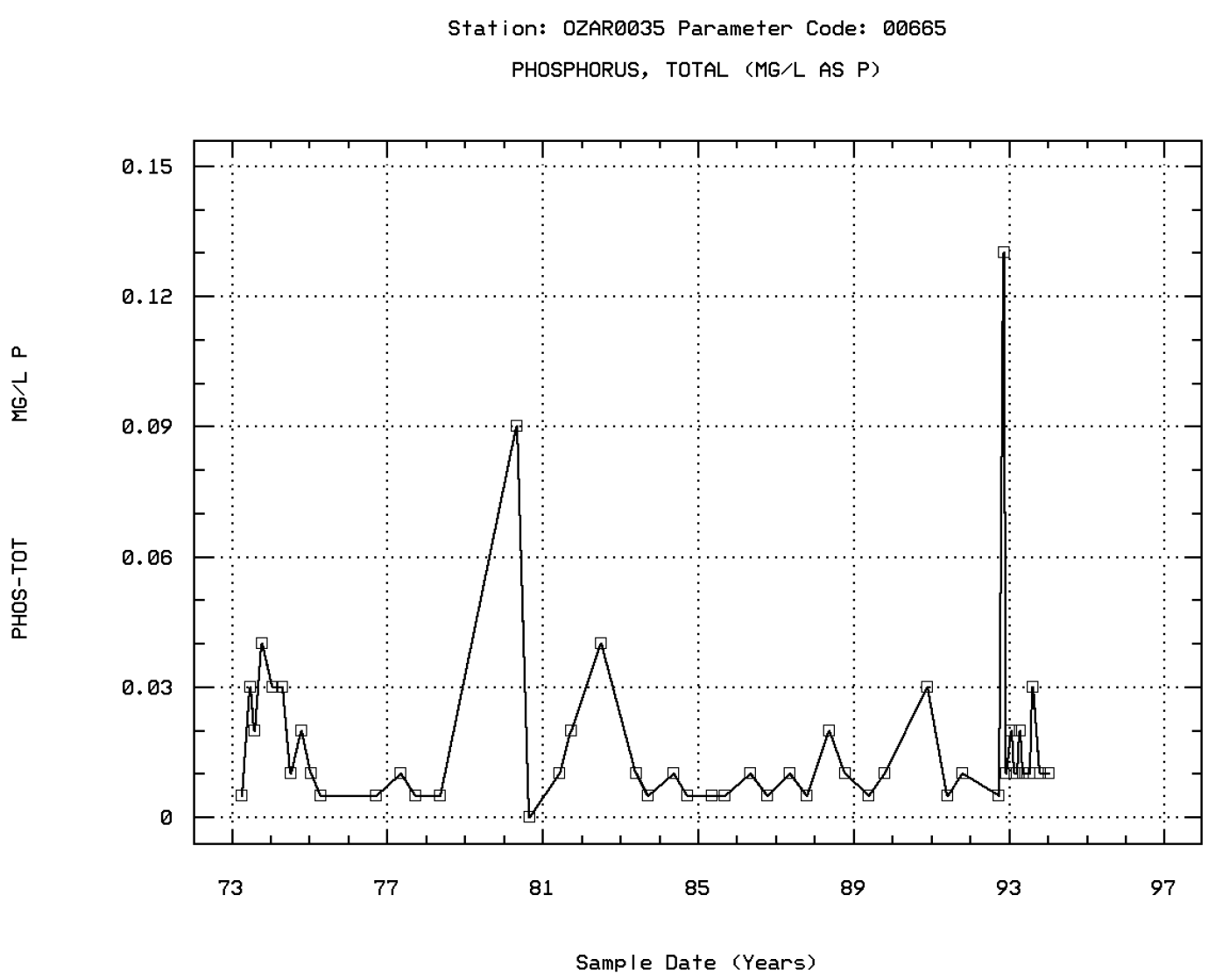
JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00630

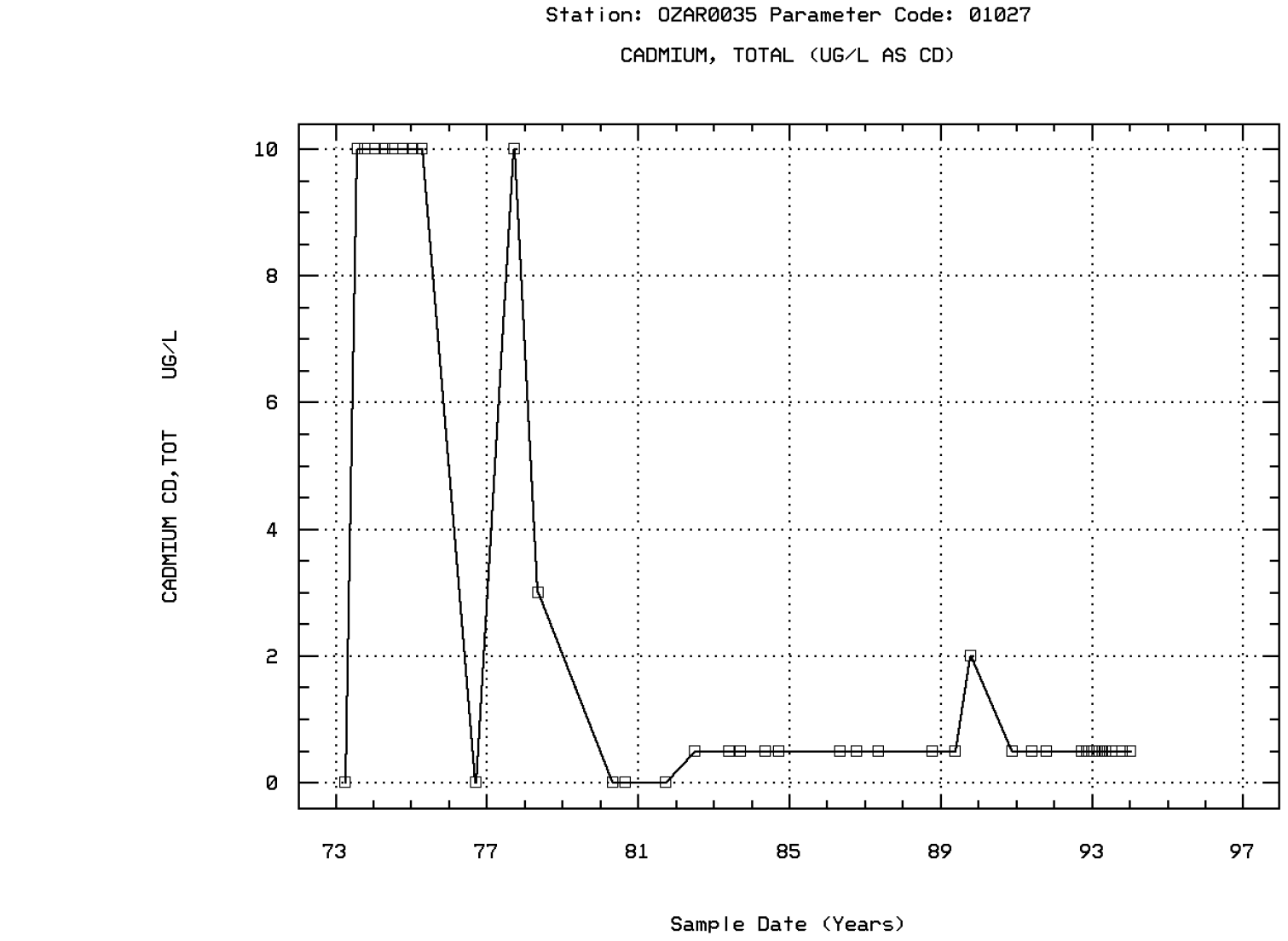
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



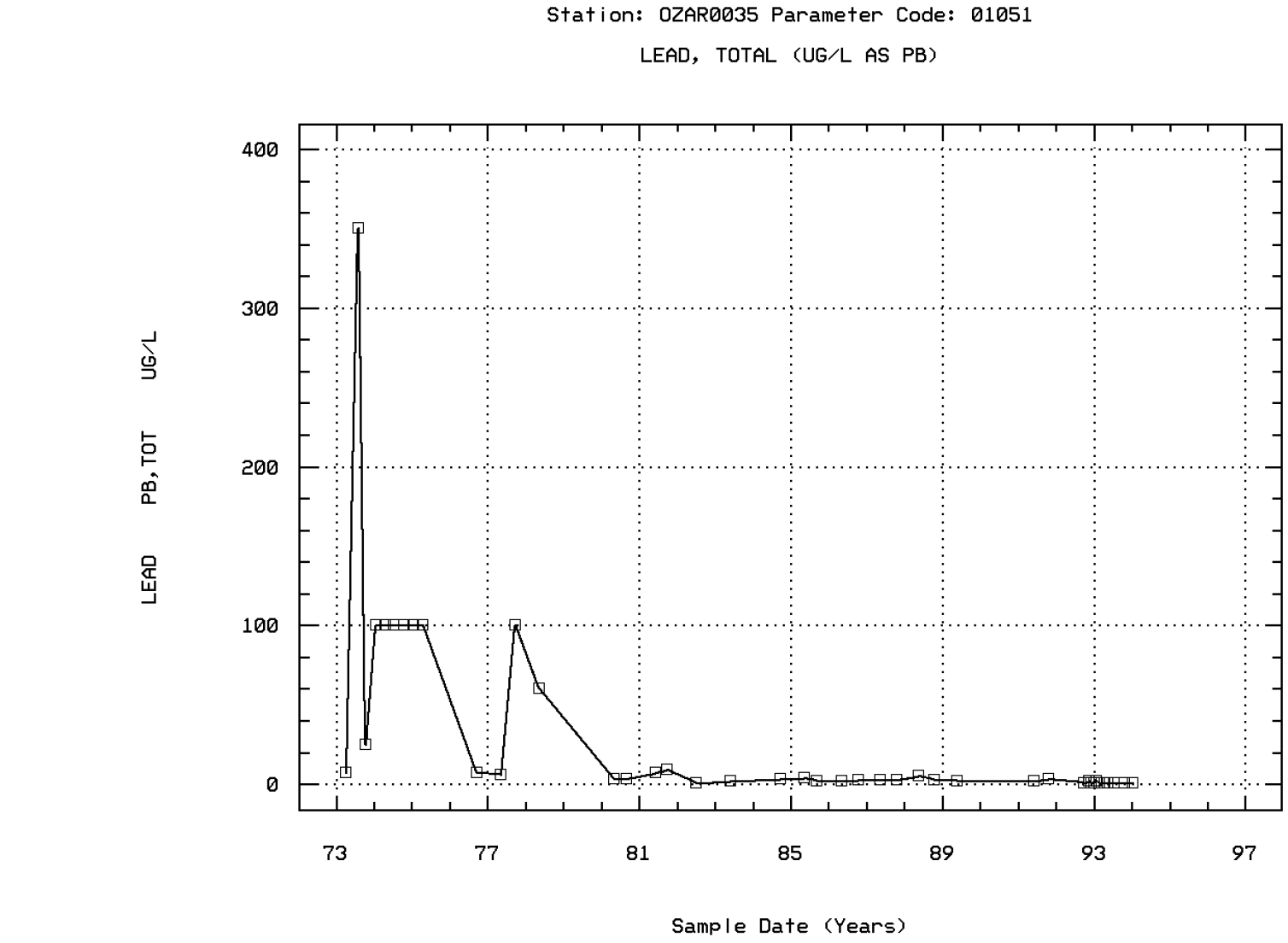
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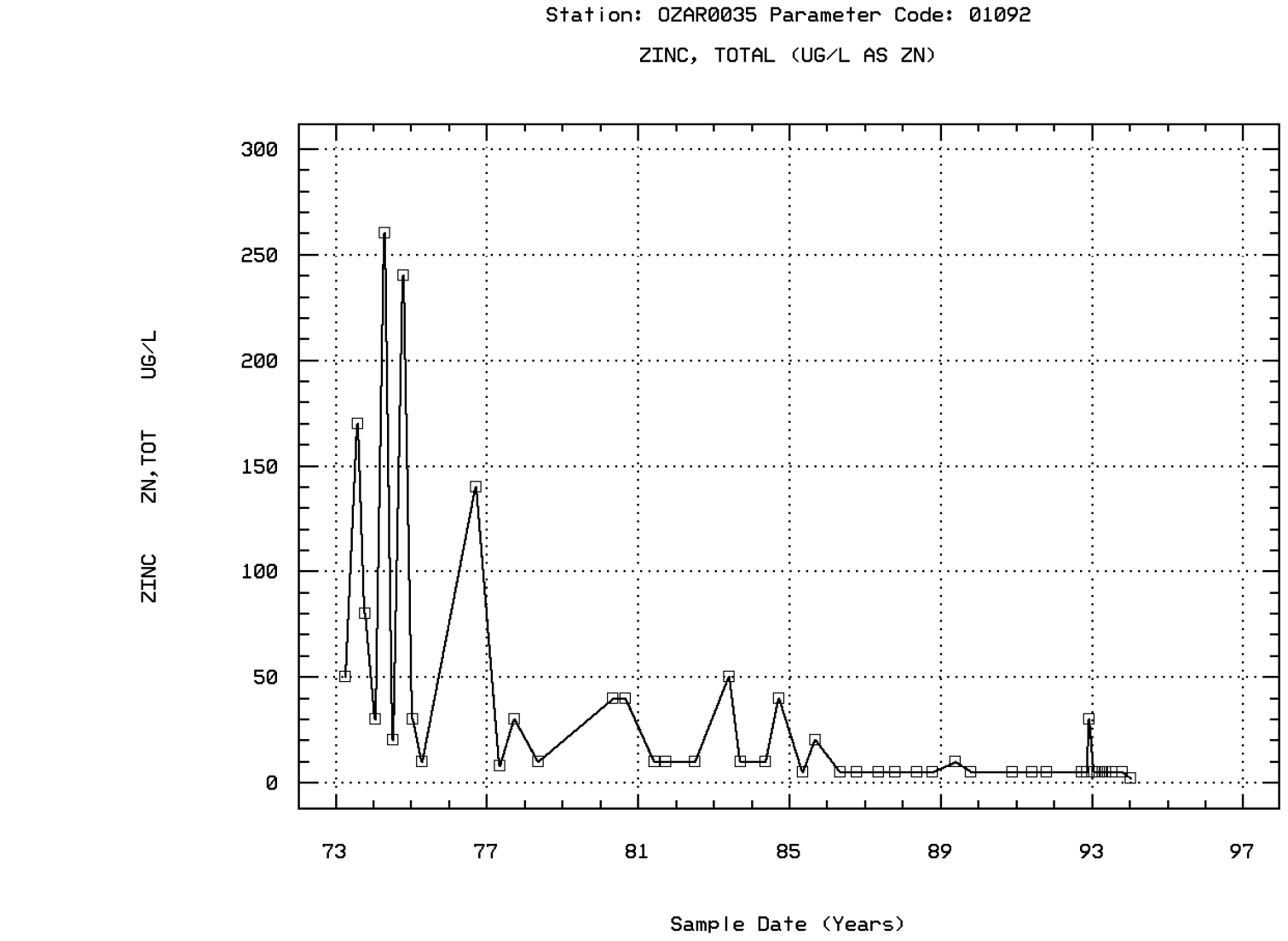
JACKS FORK ABOVE TWO RIVERS



JACKS FORK ABOVE TWO RIVERS



JACKS FORK ABOVE TWO RIVERS



JACKS FORK ABOVE TWO RIVERS

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-03/22/94	19	17.	16.995	22.5	11.5	9.822	3.134	12.5	14.4	19.	21.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-03/22/94	12	775.5	775.583	785.	766.	25.356	5.035	767.2	773.25	778.5	784.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-03/22/94	18	192.5	228.5	439.	121.	10136.735	100.681	126.4	155.5	298.25	420.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-03/22/94	19	336.	338.	373.	298.	255.556	15.986	323.	329.	346.	360.
00300p	OXYGEN, DISSOLVED MG/L	04/05/73-03/22/94	19	9.3	9.337	11.2	7.8	0.84	0.917	8.	9.	9.8	11.1
00400p	PH (STANDARD UNITS)	04/05/73-03/22/94	19	8.	8.001	8.3	7.58	0.052	0.228	7.7	7.8	8.3	8.3
00400p	CONVERTED PH (STANDARD UNITS)	04/05/73-03/22/94	19	8.	7.945	8.3	7.58	0.055	0.235	7.7	7.8	8.3	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-03/22/94	19	0.01	0.011	0.026	0.005	0.	0.006	0.005	0.005	0.016	0.02
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-03/22/94	18	184.5	185.111	214.	171.	108.928	10.437	171.9	178.5	189.25	198.7
00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-05/24/89	10	222.5	221.6	230.	208.	51.156	7.152	208.4	218.	227.	230.
00445	CARBONATE ION (MG/L AS CO3)	04/05/73-05/24/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-01/05/94	17	0.01	0.021	0.1	0.005	0.001	0.024	0.005	0.005	0.025	0.06
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-01/05/94	18 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.011
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-01/05/94	18	0.175	0.219	0.8	0.01	0.038	0.194	0.019	0.1	0.278	0.566
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-01/05/94	18	0.32	0.318	0.43	0.15	0.005	0.069	0.186	0.3	0.355	0.403
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-01/05/94	18 ##	0.008	0.012	0.04	0.	0.	0.01	0.005	0.005	0.02	0.031
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-01/05/94	3	35.	36.333	40.	34.	10.333	3.215	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-01/05/94	3	21.	21.667	23.	21.	1.333	1.155	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-01/05/94	3	1.6	1.533	1.6	1.4	0.013	0.115	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-01/05/94	3	0.9	0.9	1.1	0.7	0.04	0.2	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-01/05/94	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-01/05/94	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-01/05/94	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-01/05/94	17 ##	0.5	2.794	10.	0.	17.189	4.146	0.	0.5	6.	10.
01046p	IRON, DISSOLVED (UG/L AS FE)	04/05/73-01/05/94	3	70.	163.333	400.	20.	42633.333	206.478	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	04/05/73-01/05/94	17	3.	36.029	350.	0.5	7577.452	87.049	0.5	1.5	17.	150.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-01/05/94	3 ##	5.	10.	20.	5.	75.	8.66	**	**	**	**
01077p	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	17 ##	0.5	2.765	10.	0.	17.191	4.146	0.	0.5	5.5	10.
01092p	ZINC, TOTAL (UG/L AS ZN)	04/05/73-01/05/94	17	10.	47.941	240.	5.	4893.934	69.957	5.	5.	60.	184.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-03/22/94	15	36.	193.8	2300.	5.	340983.171	583.938	8.	17.	69.	1016.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-03/22/94	15	1.556	1.608	3.362	0.699	0.379	0.615	0.88	1.23	1.839	2.667
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			40.594								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-03/22/94	13	46.	156.615	1590.	12.	186037.09	431.32	12.	15.	63.5	984.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-03/22/94	13	1.663	1.601	3.201	1.079	0.326	0.571	1.079	1.175	1.799	2.673
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			39.941								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-01/05/94	6	175.	183.833	237.	157.	894.967	29.916	**	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	04/05/73-01/05/94	3 ##	0.25	0.4	0.7	0.25	0.067	0.26	**	**	**	**

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-03/22/94	15	10.	9.393	14.	5.	10.085	3.176	5.6	6.	12.	14.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-03/22/94	10	774.5	774.5	784.	760.	50.5	7.106	760.9	769.75	781.	783.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-03/22/94	15	599.	747.8	2200.	126.	286811.743	535.548	256.8	402.	726.	1840.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-03/22/94	15	294.	294.333	385.	204.	1852.952	43.046	237.6	265.	312.	361.6
00300p	OXYGEN, DISSOLVED MG/L	04/05/73-03/22/94	15	11.6	11.62	13.6	8.8	1.769	1.33	9.46	10.8	12.6	13.36
00400p	PH (STANDARD UNITS)	04/05/73-03/22/94	15	8.	8.021	8.4	7.5	0.05	0.224	7.68	7.9	8.2	8.34
00400p	CONVERTED PH (STANDARD UNITS)	04/05/73-03/22/94	15	8.	7.963	8.4	7.5	0.054	0.232	7.68	7.9	8.2	8.34
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-03/22/94	15	0.01	0.011	0.032	0.004	0.	0.007	0.005	0.006	0.013	0.022
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-03/22/94	13	148.	161.077	231.	108.	1453.91	38.13	115.6	130.5	184.	230.2
00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-05/24/89	5	172.	172.4	192.	158.	200.8	14.17	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/05/73-05/24/89	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-01/05/94	13	0.02	0.022	0.07	0.005	0.	0.019	0.005	0.008	0.03	0.062
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-01/05/94	12 ##	0.005	0.01	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.034
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-01/05/94	14	0.12	0.191	0.7	0.07	0.026	0.162	0.085	0.1	0.23	0.5

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Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-01/05/94	12	0.29	0.308	0.51	0.2	0.007	0.083	0.209	0.253	0.365	0.471
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-01/05/94	14	0.01	0.024	0.13	0.005	0.001	0.032	0.005	0.01	0.03	0.08
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-01/05/94	11	31.	29.909	34.	24.	7.291	2.7	24.8	28.	32.	33.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-01/05/94	11	18.	17.273	19.	13.	3.818	1.954	13.4	16.	19.	19.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-01/05/94	11	1.3	1.327	1.8	0.8	0.078	0.28	0.86	1.2	1.5	1.78
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-01/05/94	11	1.	1.1	2.6	0.8	0.258	0.508	0.8	0.9	1.1	2.3
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-01/05/94	11	2.	2.082	3.	0.9	0.514	0.717	0.92	2.	3.	3.
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-01/05/94	11	4.	4.091	5.	3.	0.491	0.701	3.	4.	5.	5.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-01/05/94	11 ##	0.05	0.082	0.4	0.05	0.011	0.106	0.05	0.05	0.05	0.33
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-01/05/94	13 ##	0.5	3.385	10.	0.	21.09	4.592	0.2	0.5	10.	10.
01046p	IRON, DISSOLVED (UG/L AS FE)	04/05/73-01/05/94	11	10.	22.955	110.	1.5	981.923	31.336	2.	5.	30.	96.
01051p	LEAD, TOTAL (UG/L AS PB)	04/05/73-01/05/94	13 ##	2.	31.923	100.	0.5	2234.327	47.269	0.5	0.5	100.	100.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-01/05/94	11	5.	3.727	6.	1.	3.018	1.737	1.2	2.	5.	5.8
01077p	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	7 ##	10.	6.	10.	0.5	24.917	4.992	**	**	**	**
01092p	ZINC, TOTAL (UG/L AS ZN)	04/05/73-01/05/94	13 ##	5.	34.	260.	2.	4835.5	69.538	3.2	5.	30.	176.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-03/22/94	9	6.	611.667	5200.	2.	2964559.25	1721.79	2.	4.	125.	5200.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-03/22/94	9	0.778	1.363	3.716	0.301	1.199	1.095	0.301	0.588	2.	3.716
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			23.073								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-03/22/94	9	27.	1236.	10600.	2.	12342567.25	3513.199	2.	10.	209.5	10600.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-03/22/94	9	1.431	1.662	4.025	0.301	1.18	1.086	0.301	0.962	2.191	4.025
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			45.908								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-01/05/94	11	145.	146.818	166.	124.	116.364	10.787	127.4	141.	154.	163.8
71900p	MERCURY, TOTAL (UG/L AS HG)	04/05/73-01/05/94	10 ##	0.25	0.195	0.3	0.05	0.009	0.093	0.05	0.088	0.25	0.295

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0035

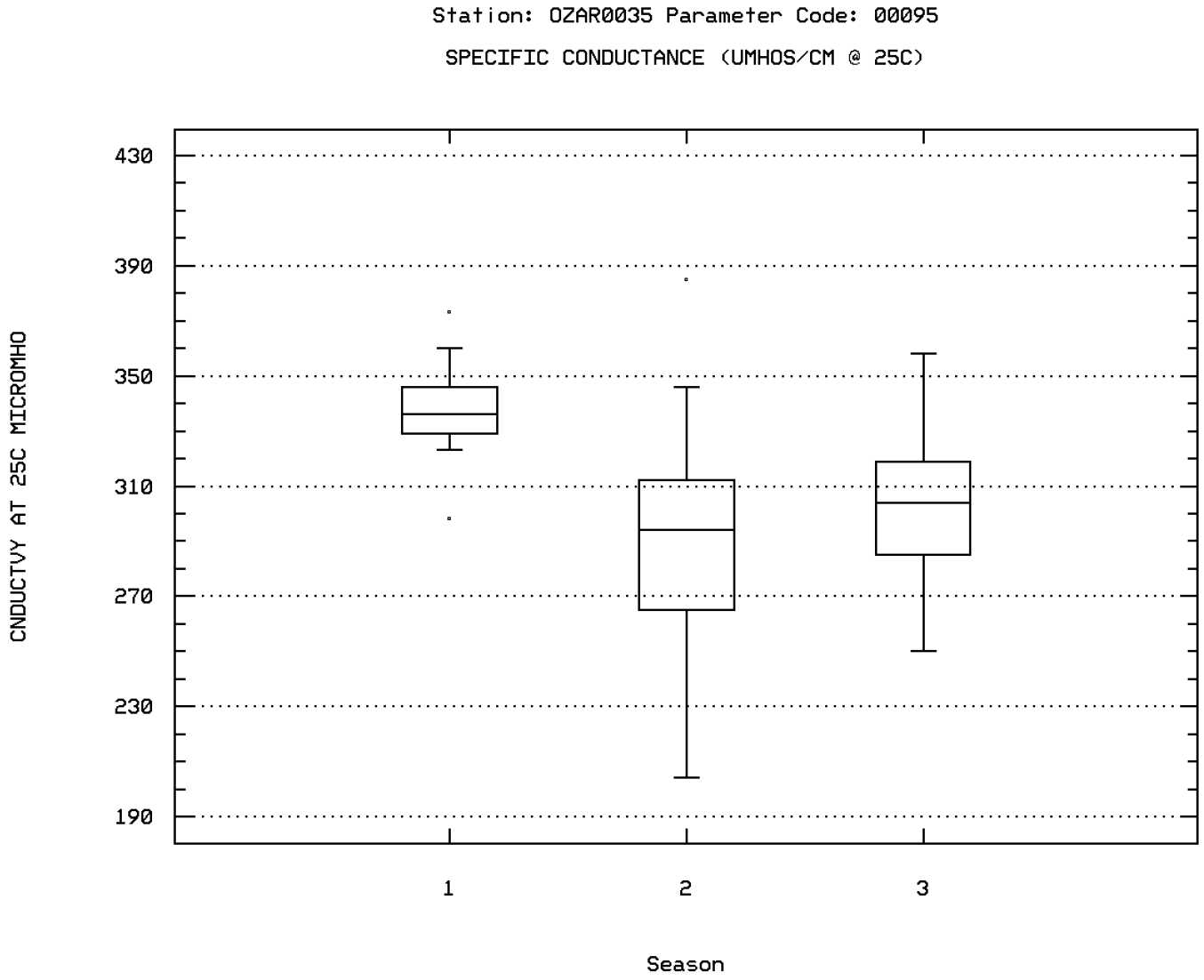
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/73-03/22/94	17	18.5	18.865	22.	15.	5.286	2.299	15.56	17.	21.	22.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-03/22/94	10	770.	771.8	780.	760.	43.067	6.563	760.7	767.75	779.25	780.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/73-03/22/94	17	437.	518.706	1380.	220.	105562.971	324.905	237.6	280.5	663.	1188.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/05/73-03/22/94	17	304.	301.706	358.	250.	742.846	27.255	263.6	282.5	319.5	342.
00300p	OXYGEN, DISSOLVED MG/L	04/05/73-03/22/94	17	9.	9.118	13.2	7.5	1.649	1.284	7.74	8.3	9.5	10.8
00400p	PH (STANDARD UNITS)	04/05/73-03/22/94	17	8.1	8.017	8.4	7.54	0.055	0.234	7.588	8.	8.1	8.32
00400p	CONVERTED PH (STANDARD UNITS)	04/05/73-03/22/94	17	8.1	7.95	8.4	7.54	0.06	0.245	7.588	8.	8.1	8.32
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/05/73-03/22/94	17	0.008	0.011	0.029	0.004	0.	0.007	0.005	0.008	0.01	0.026
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/05/73-03/22/94	17	159.	157.176	179.	132.	163.529	12.788	140.8	147.	168.5	172.6
00440	BICARBONATE ION (MG/L AS HCO3)	04/05/73-05/24/89	9	194.	194.889	213.	178.	172.361	13.129	178.	181.5	208.	213.
00445	CARBONATE ION (MG/L AS CO3)	04/05/73-05/24/89	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/05/73-01/05/94	16	0.015	0.018	0.04	0.005	0.	0.013	0.005	0.005	0.03	0.04
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-01/05/94	17 ##	0.005	0.006	0.01	0.	0.	0.003	0.004	0.005	0.01	0.01
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/05/73-01/05/94	17	0.25	0.278	0.93	0.04	0.048	0.218	0.088	0.1	0.4	0.586
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-01/05/94	17	0.33	0.359	0.79	0.19	0.022	0.147	0.198	0.275	0.4	0.638
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/05/73-01/05/94	17	0.01	0.017	0.09	0.005	0.	0.021	0.005	0.008	0.015	0.05
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	04/05/73-01/05/94	4	34.	34.	36.	32.	3.333	1.826	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/05/73-01/05/94	4	20.	19.75	21.	18.	2.25	1.5	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	04/05/73-01/05/94	4	1.4	1.425	1.6	1.3	0.023	0.15	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	04/05/73-01/05/94	4	1.	0.975	1.	0.9	0.002	0.05	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/05/73-01/05/94	4	2.	2.	2.	2.	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	04/05/73-01/05/94	4	3.5	3.5	4.	3.	0.333	0.577	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	04/05/73-01/05/94	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	04/05/73-01/05/94	16 ##	0.5	1.344	10.	0.	5.757	2.399	0.35	0.5	1.	5.1
01046p	IRON, DISSOLVED (UG/L AS FE)	04/05/73-01/05/94	4	18.5	63.	210.	5.	9766.	98.823	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	04/05/73-01/05/94	16	2.25	12.375	100.	0.5	753.917	27.458	0.5	1.25	5.75	72.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	04/05/73-01/05/94	4 ##	5.	6.5	11.	5.	9.	3.	**	**	**	**
01077p	SILVER, TOTAL (UG/L AS AG)	04/05/73-10/20/93	14 ##	0.5	1.143	10.	0.	6.593	2.568	0.	0.375	0.625	5.5

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092p	ZINC, TOTAL (UG/L AS ZN)	04/05/73-01/05/94	16 ##	9.	12.688	50.	5.	177.563	13.325	5.	5.	10.	43.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-03/22/94	15	37.	50.133	150.	10.	1732.41	41.622	13.	20.	62.	138.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-03/22/94	15	1.568	1.578	2.176	1.	0.112	0.335	1.106	1.301	1.792	2.139
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			37.847								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-03/22/94	15	35.	74.067	270.	8.	6112.21	78.181	8.6	14.	120.	228.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-03/22/94	15	1.544	1.629	2.431	0.903	0.243	0.493	0.934	1.146	2.079	2.353
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			42.512								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/05/73-01/05/94	4	171.5	172.75	188.	160.	160.917	12.685	**	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	04/05/73-01/05/94	3 ##	0.1	0.133	0.25	0.05	0.011	0.104	**	**	**	**

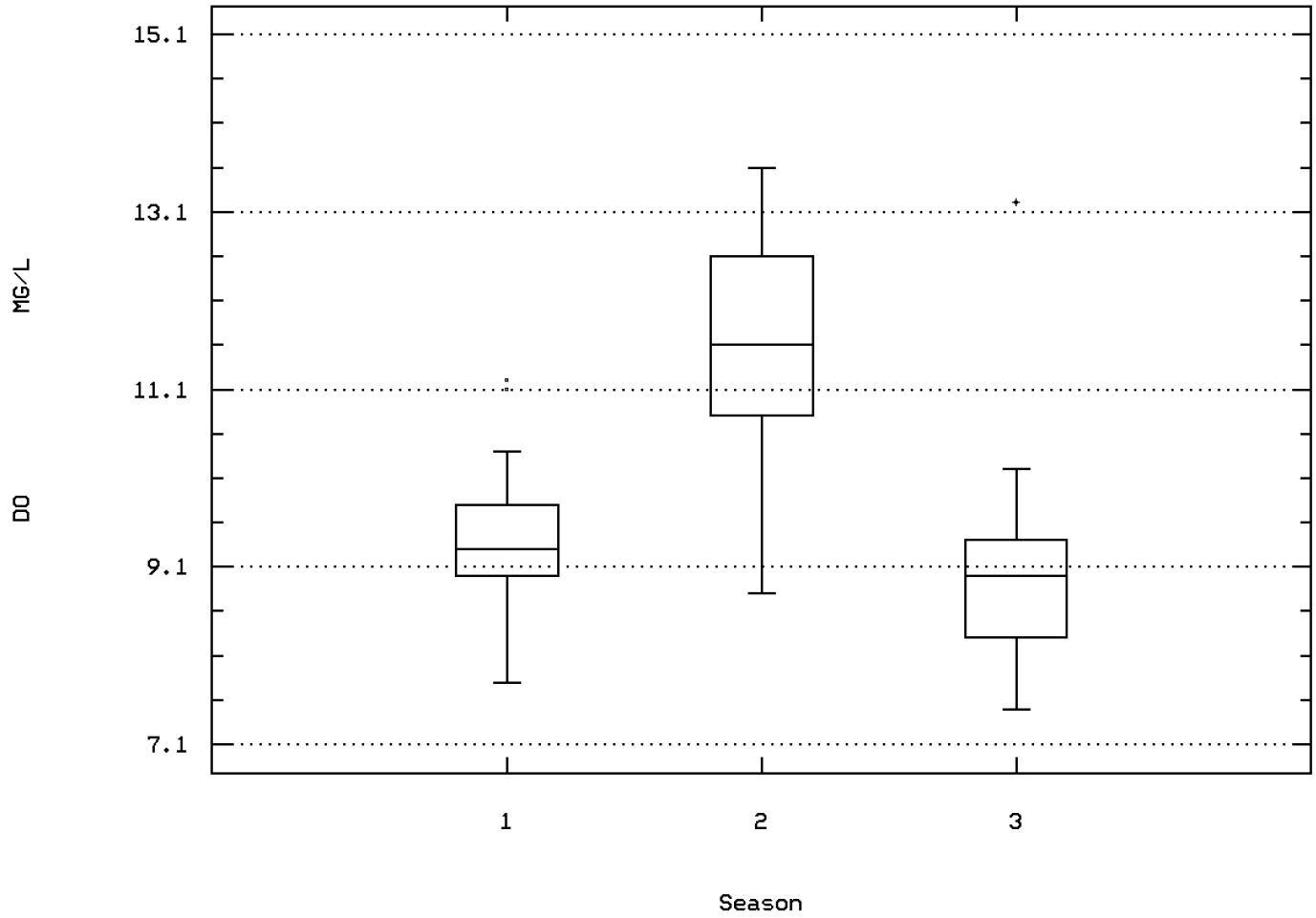
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



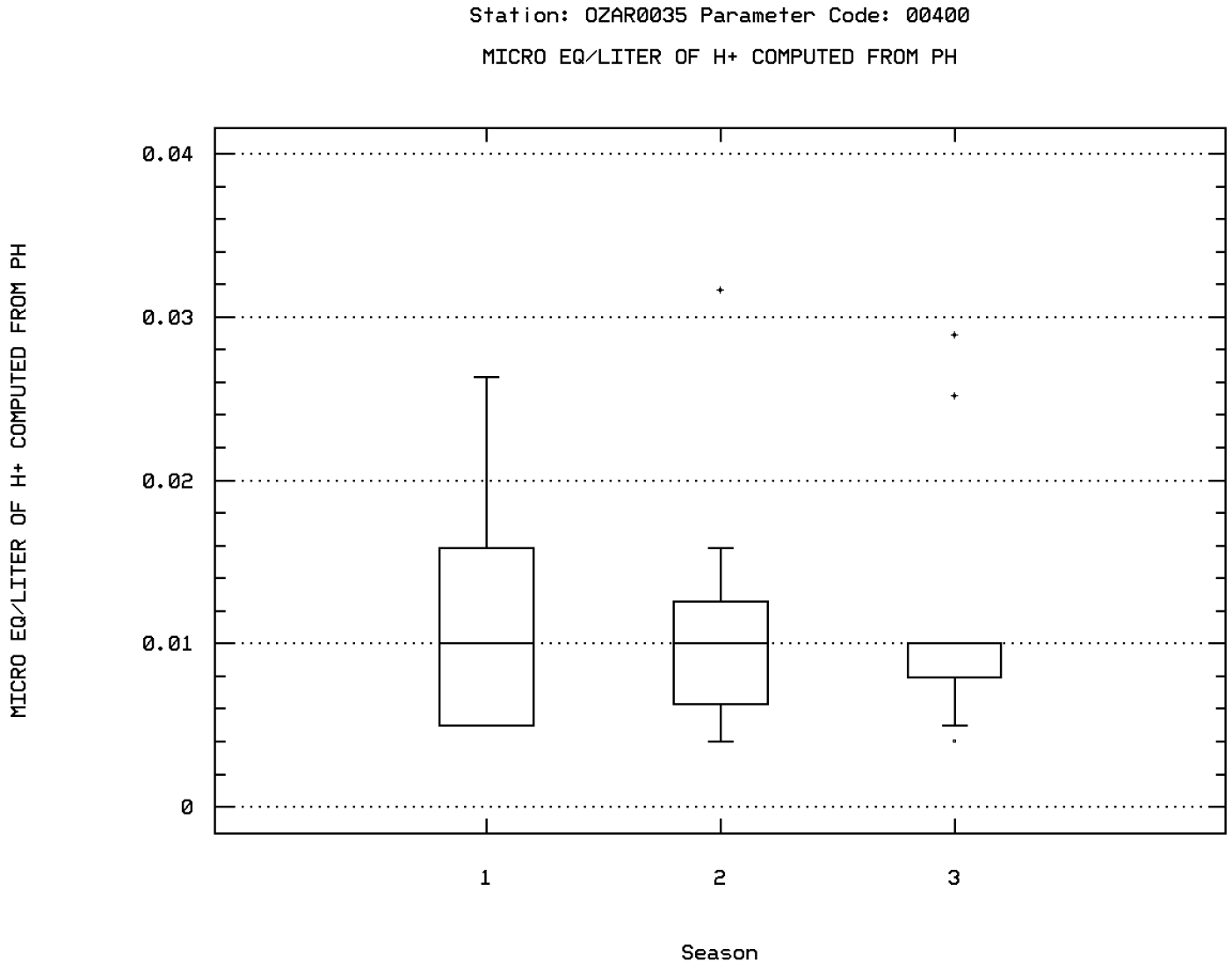
JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00300

OXYGEN, DISSOLVED



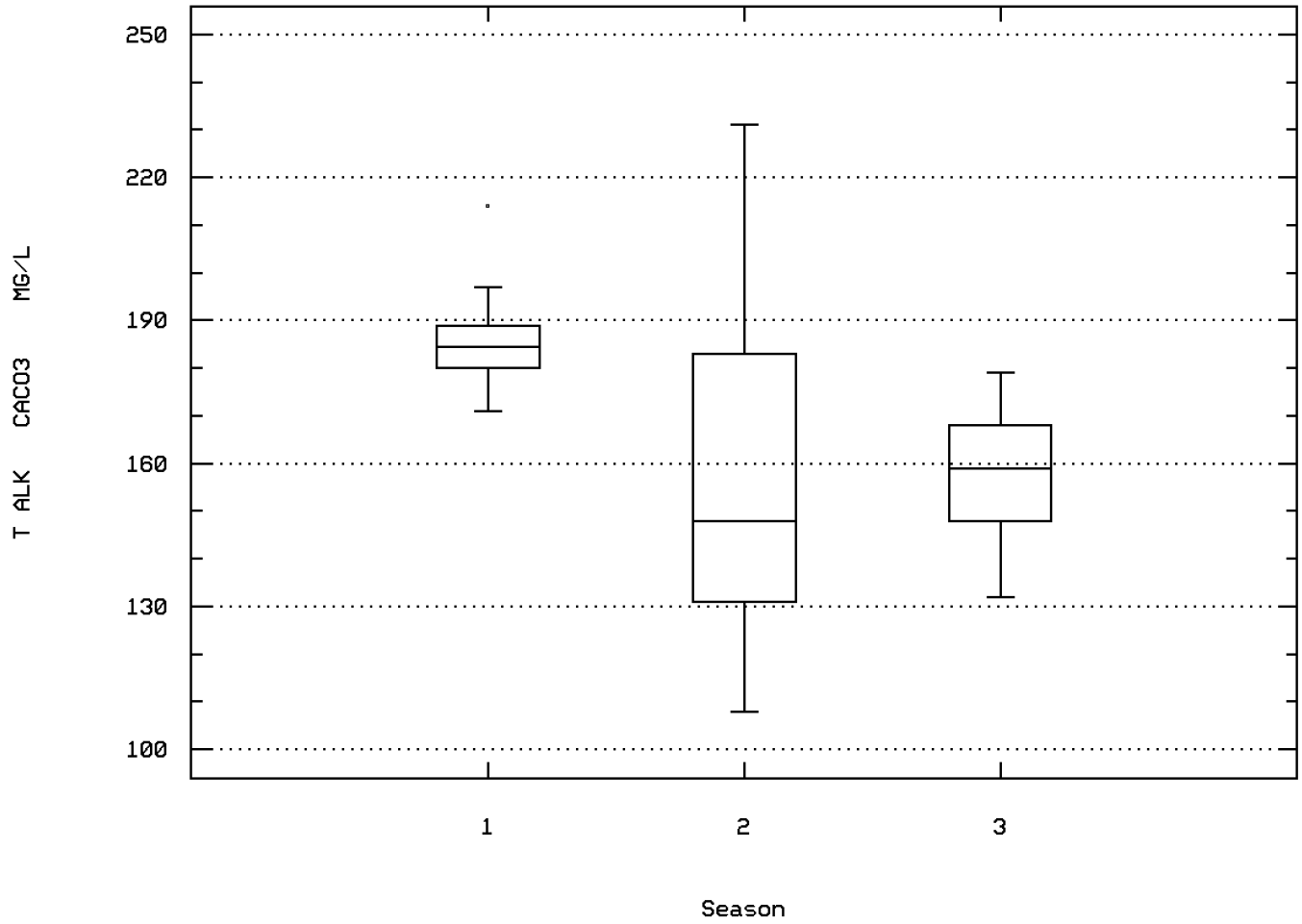
JACKS FORK ABOVE TWO RIVERS



JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00410

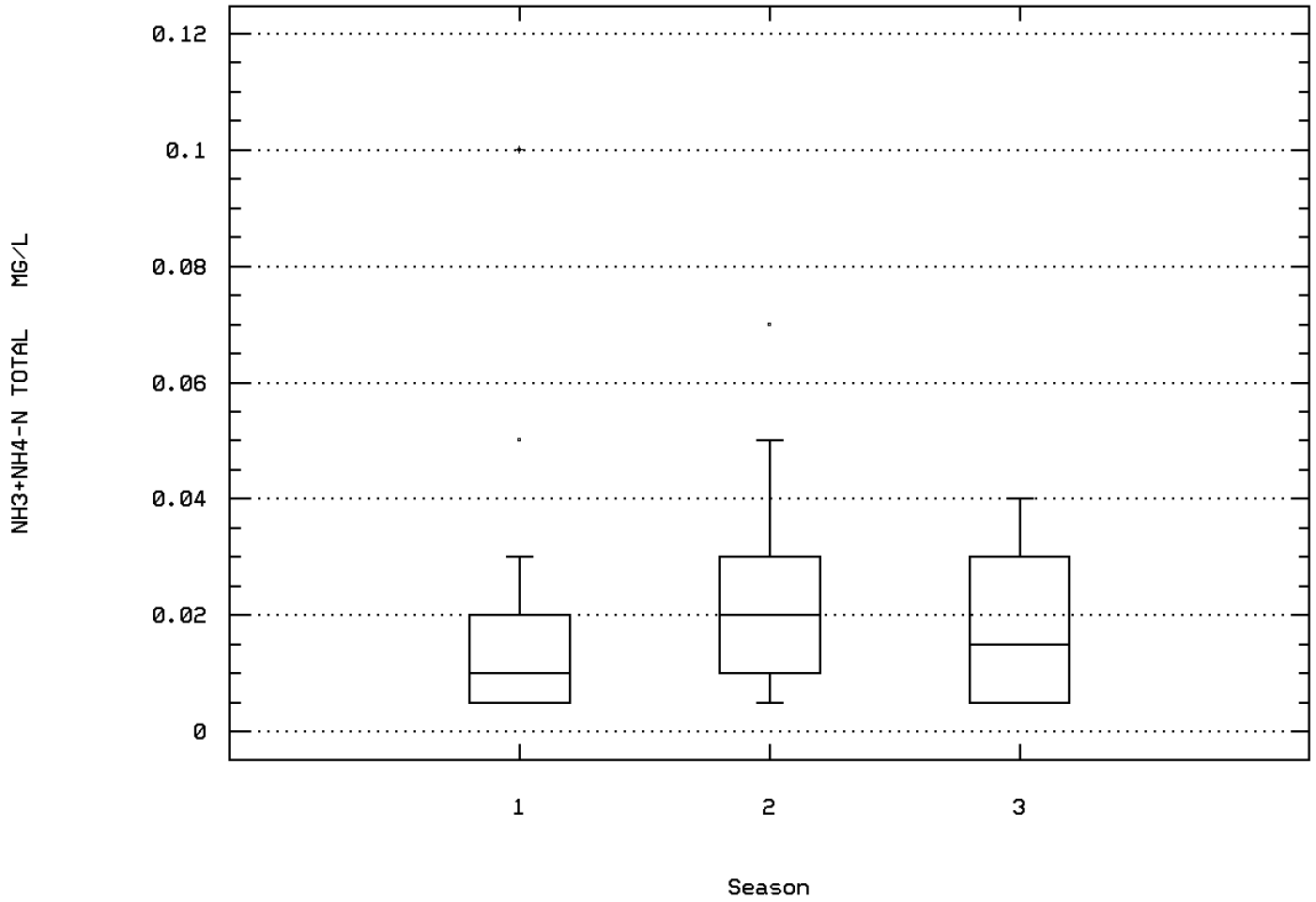
ALKALINITY, TOTAL (MG/L AS CACO3)



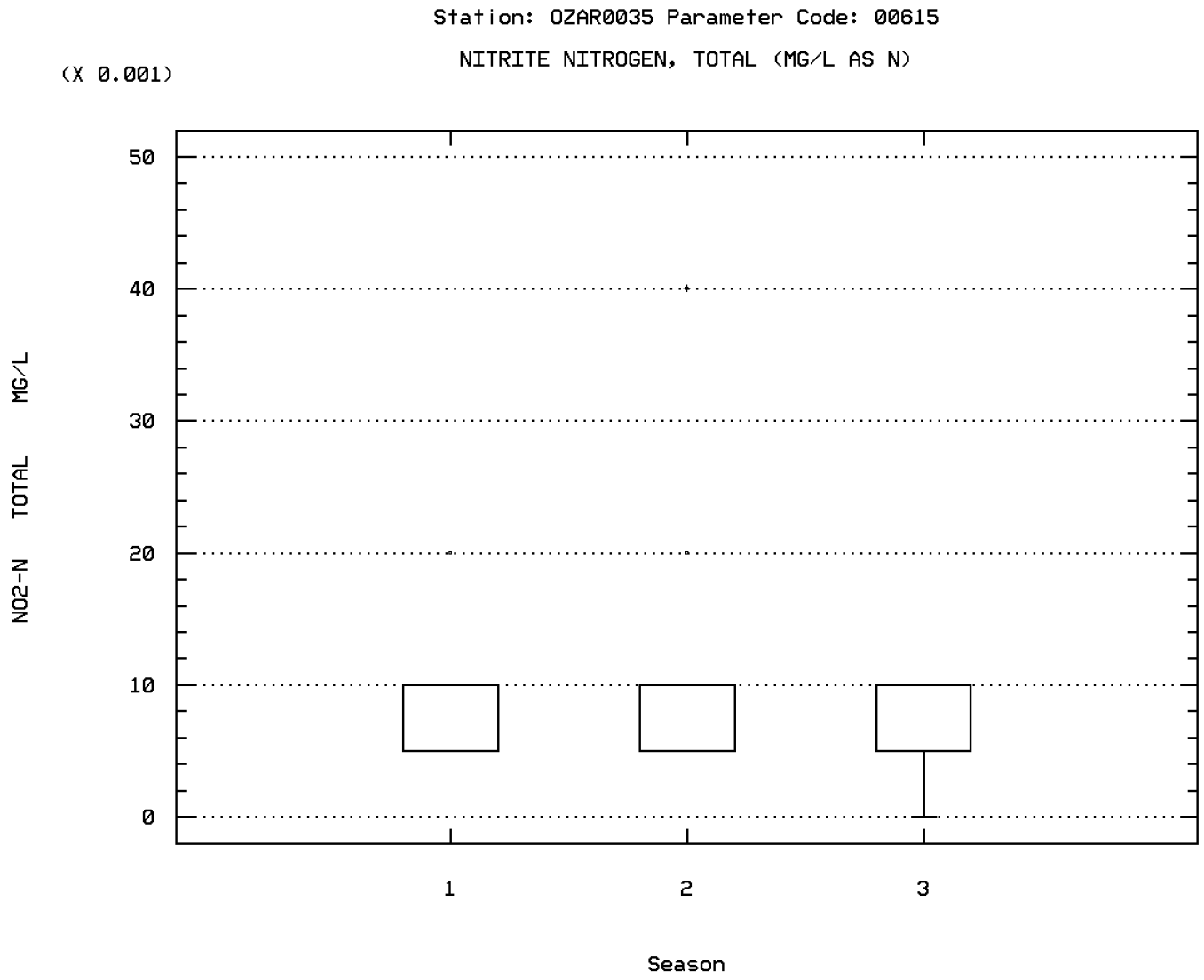
JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00610

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



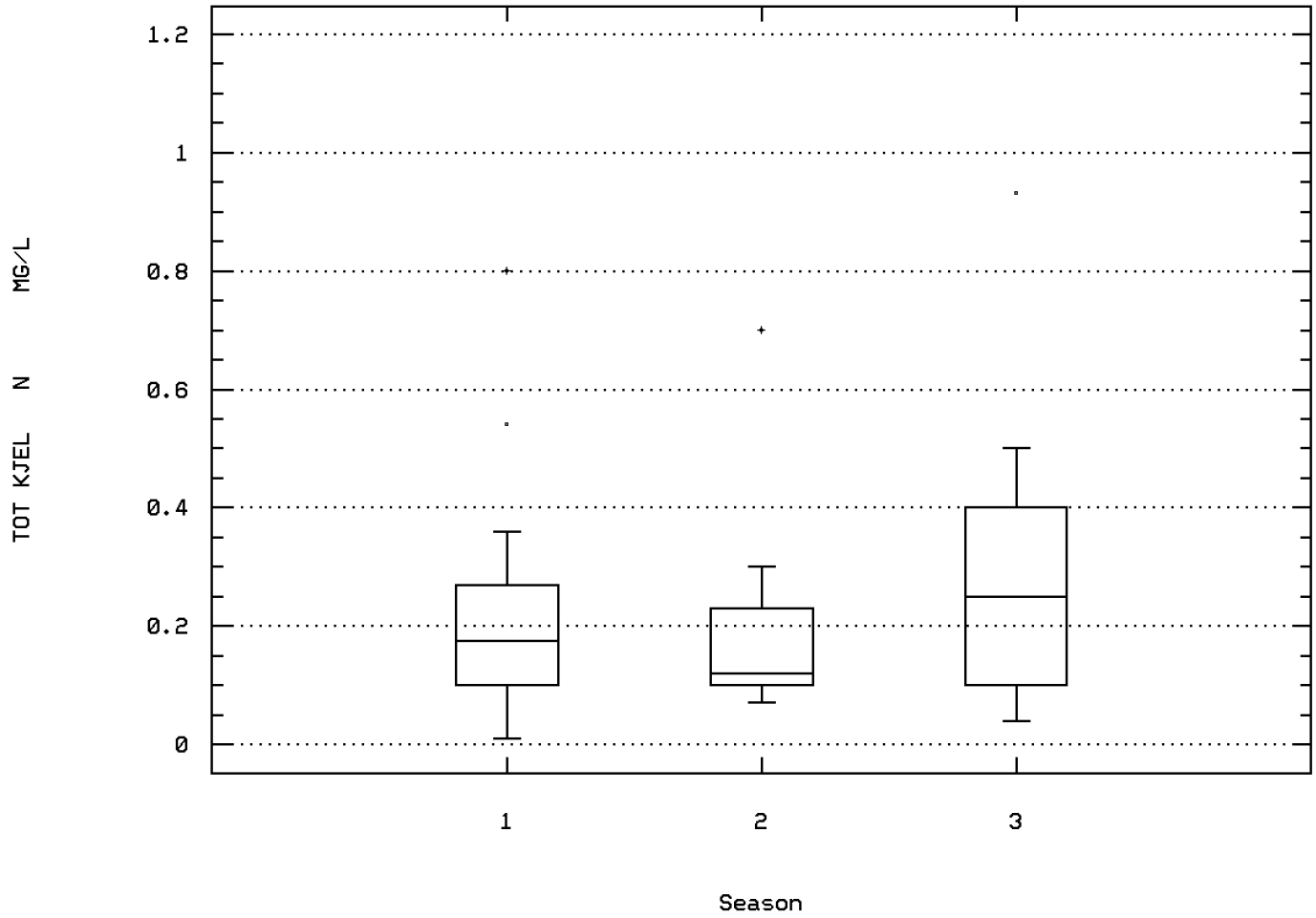
JACKS FORK ABOVE TWO RIVERS



JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00625

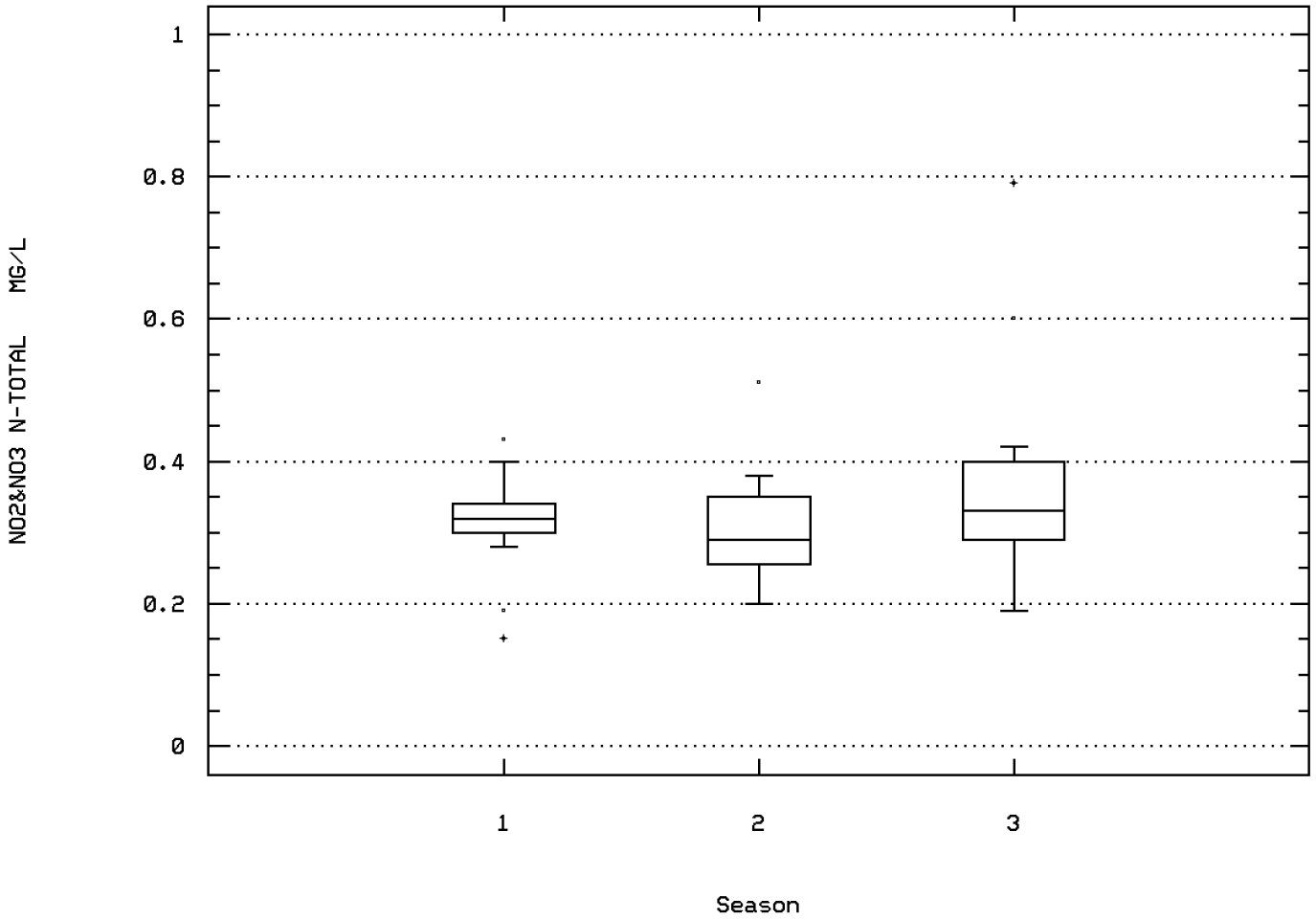
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



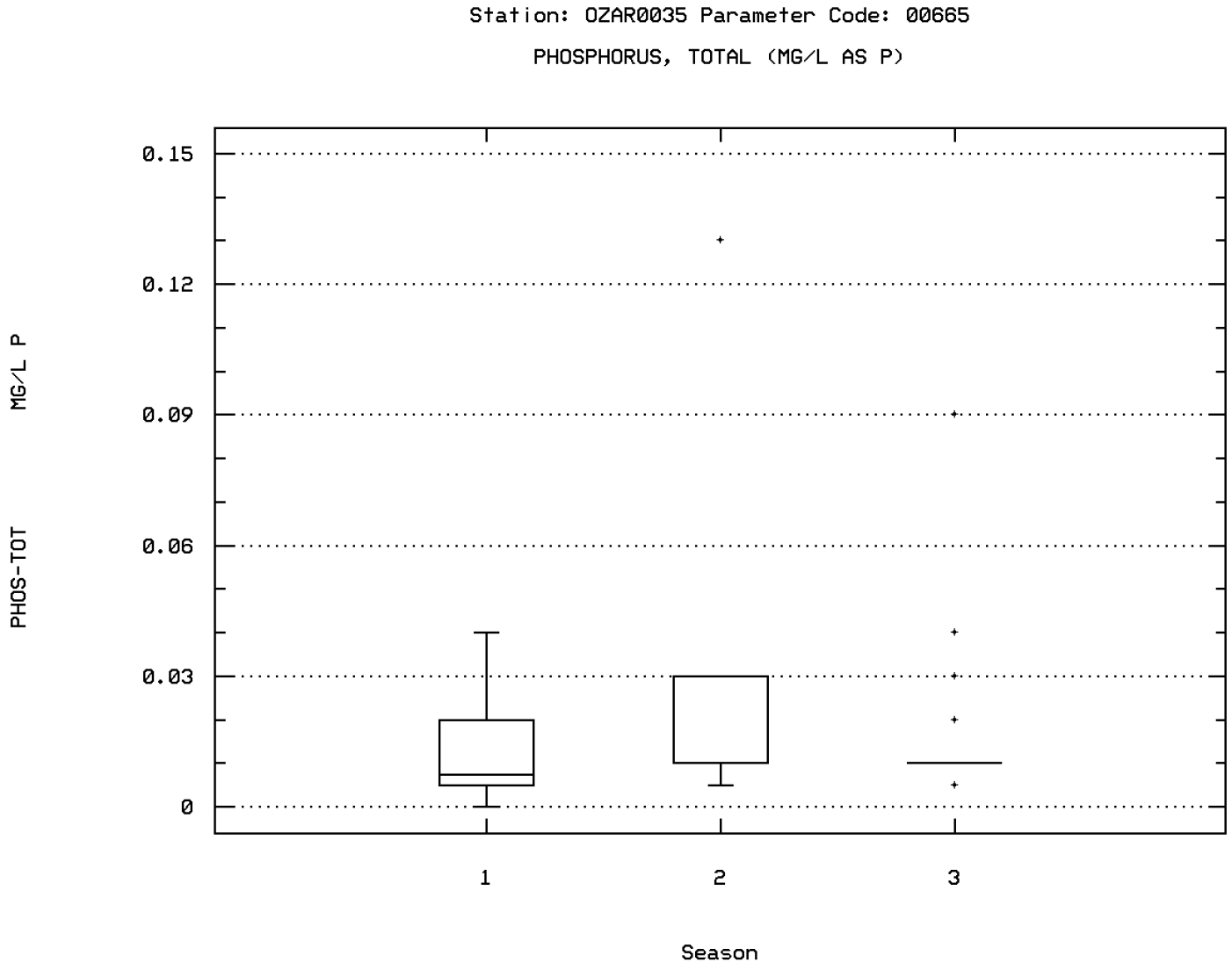
JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00630

NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



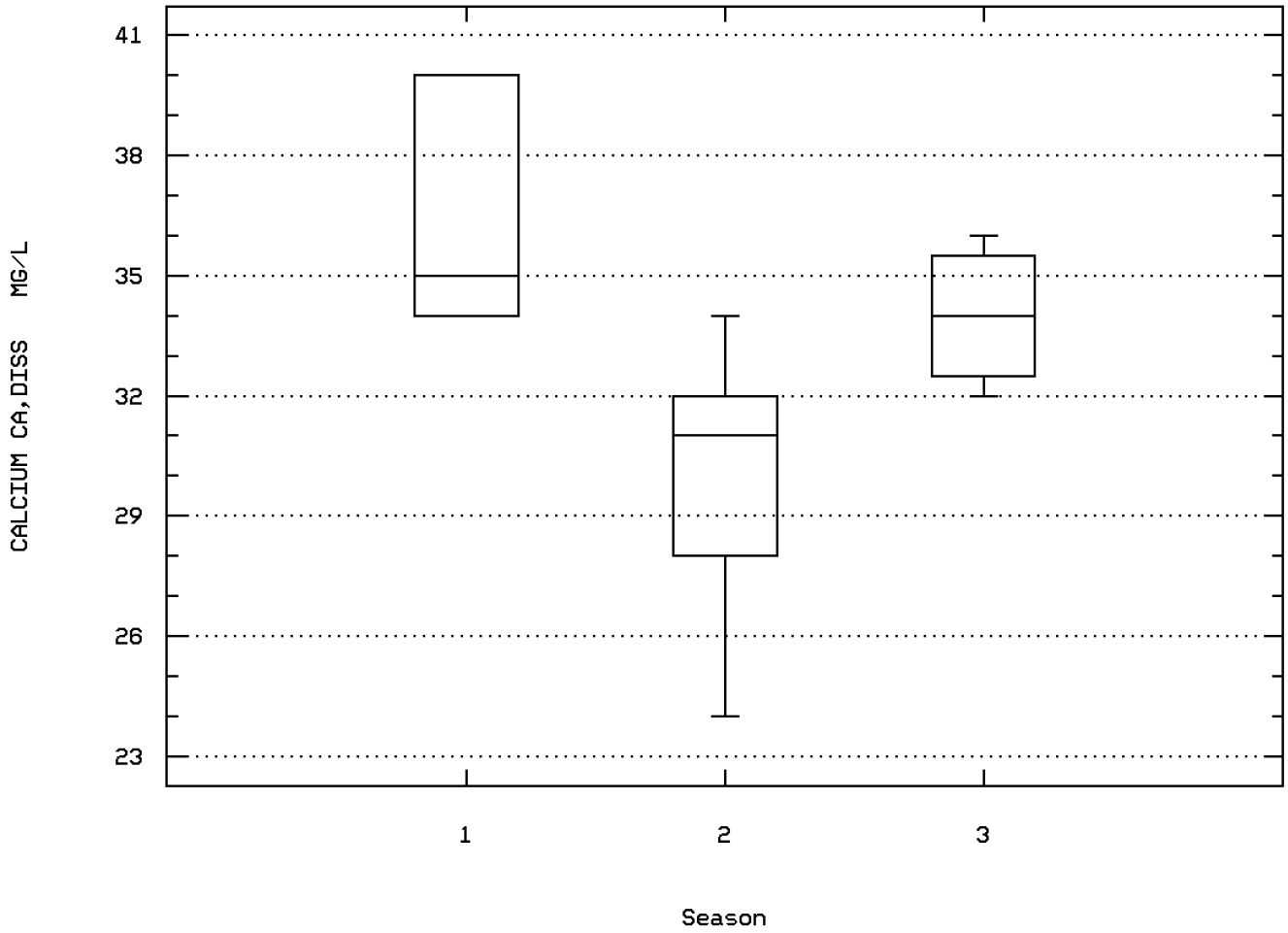
JACKS FORK ABOVE TWO RIVERS



JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00915

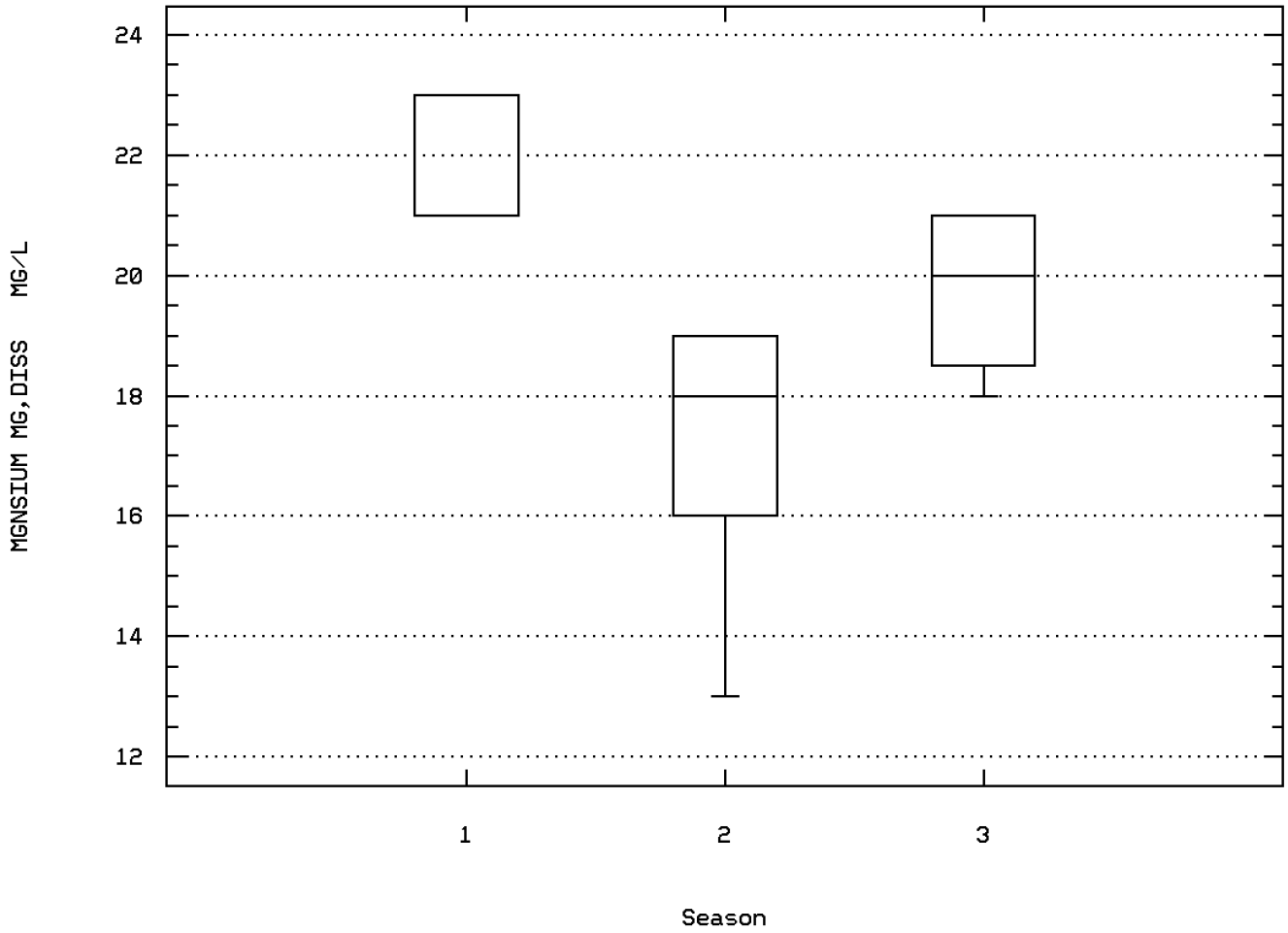
CALCIUM, DISSOLVED (MG/L AS CA)



JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00925

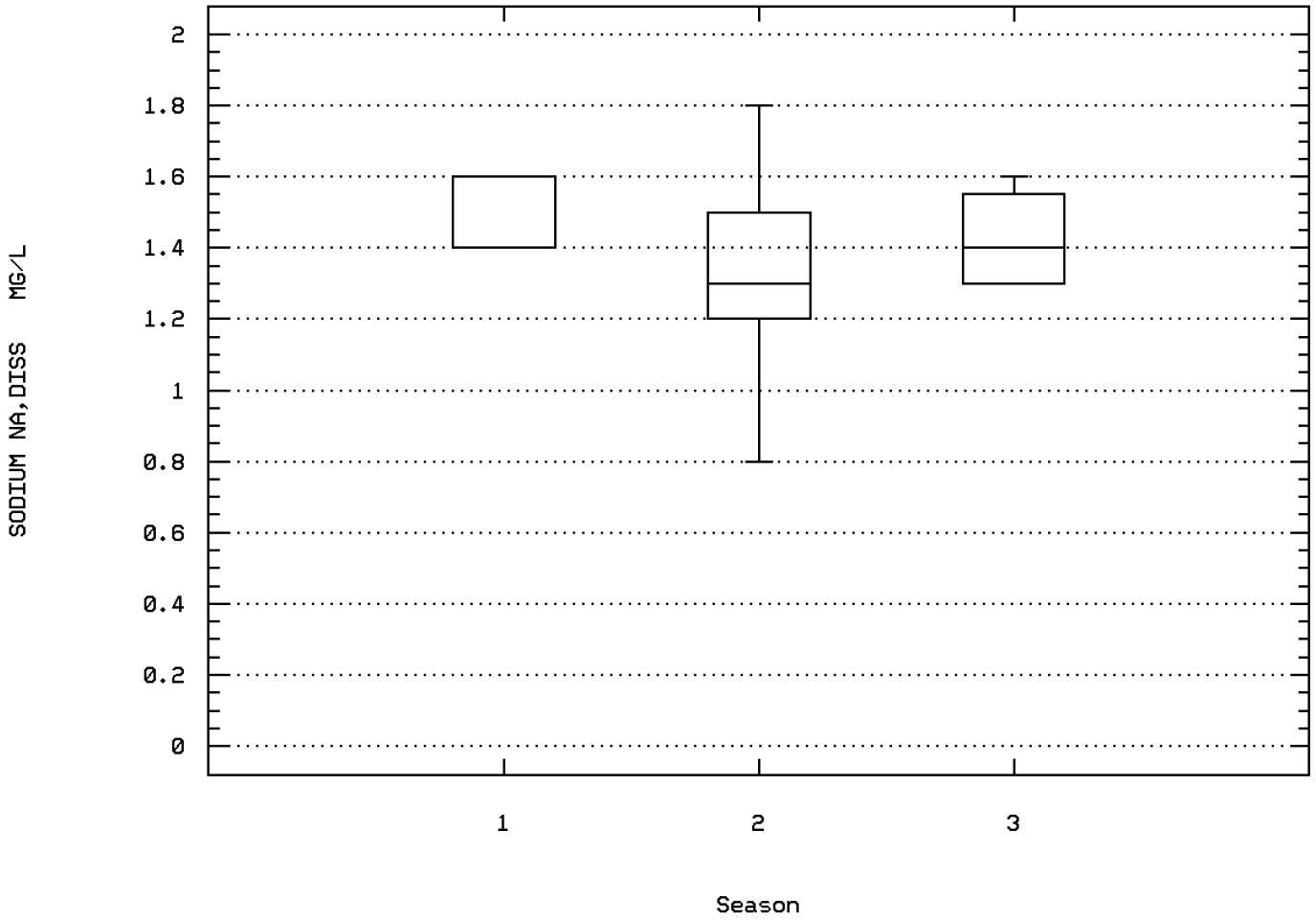
MAGNESIUM, DISSOLVED (MG/L AS MG)



JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00930

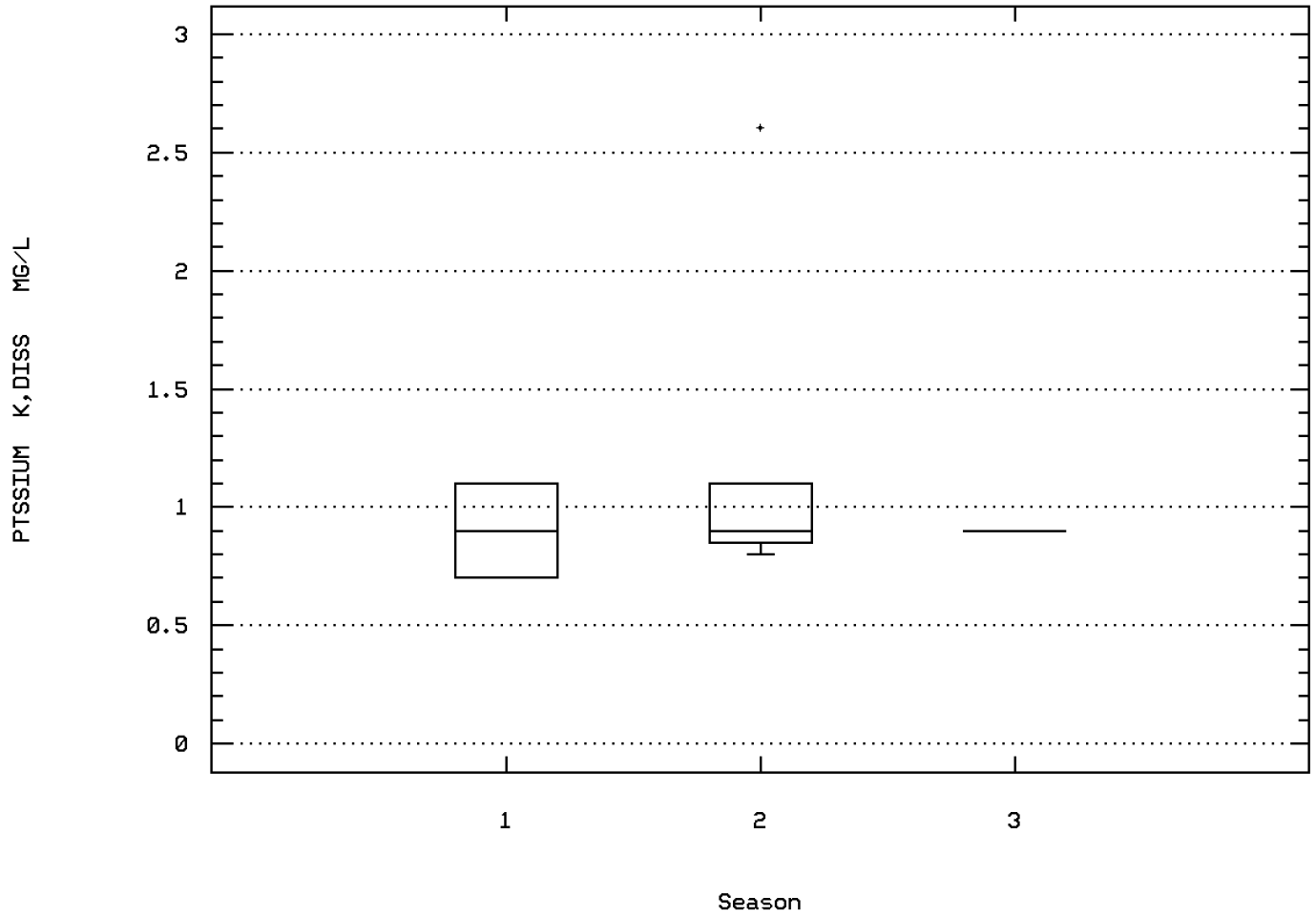
SODIUM, DISSOLVED (MG/L AS NA)



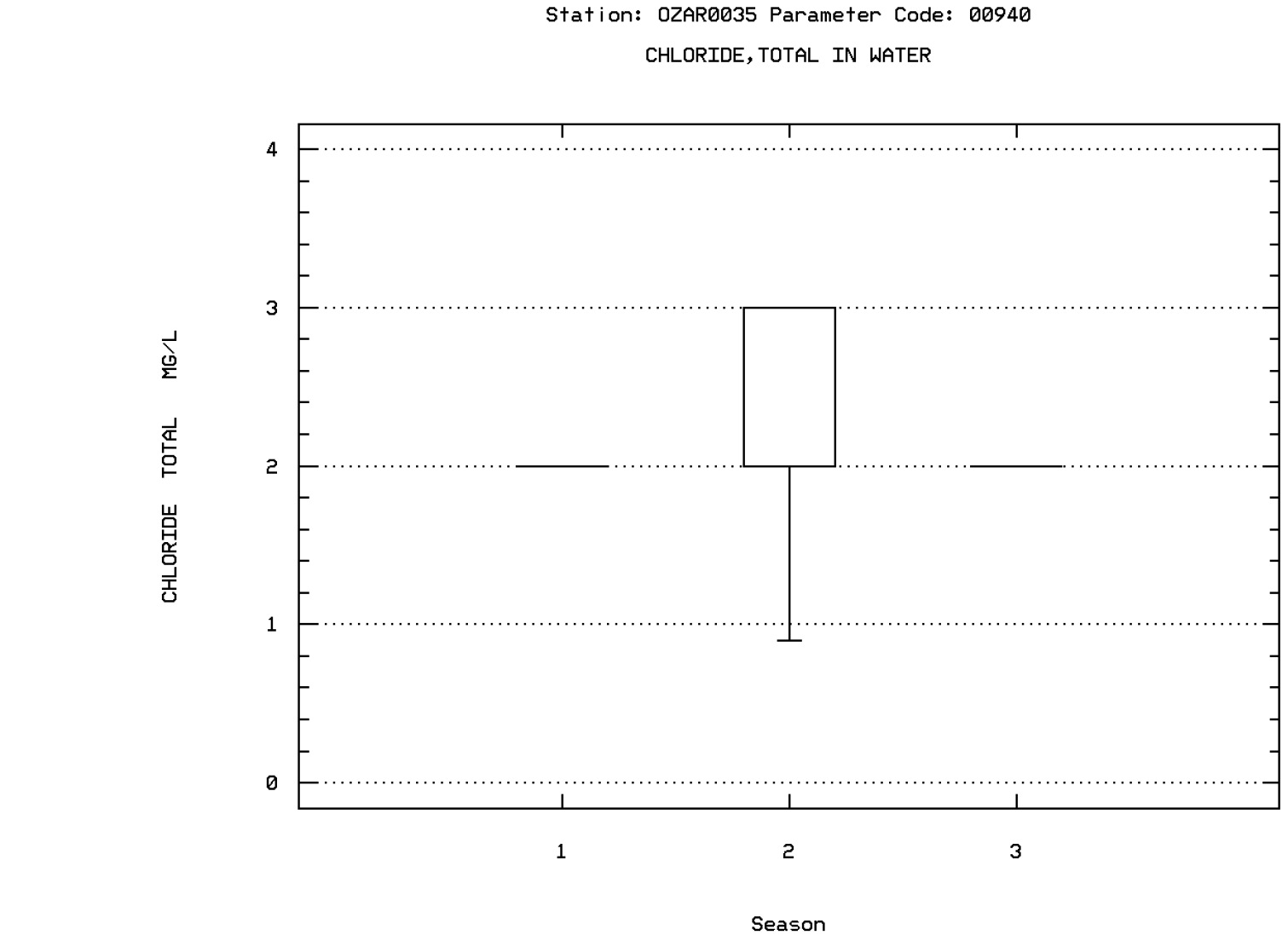
JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00935

POTASSIUM, DISSOLVED (MG/L AS K)



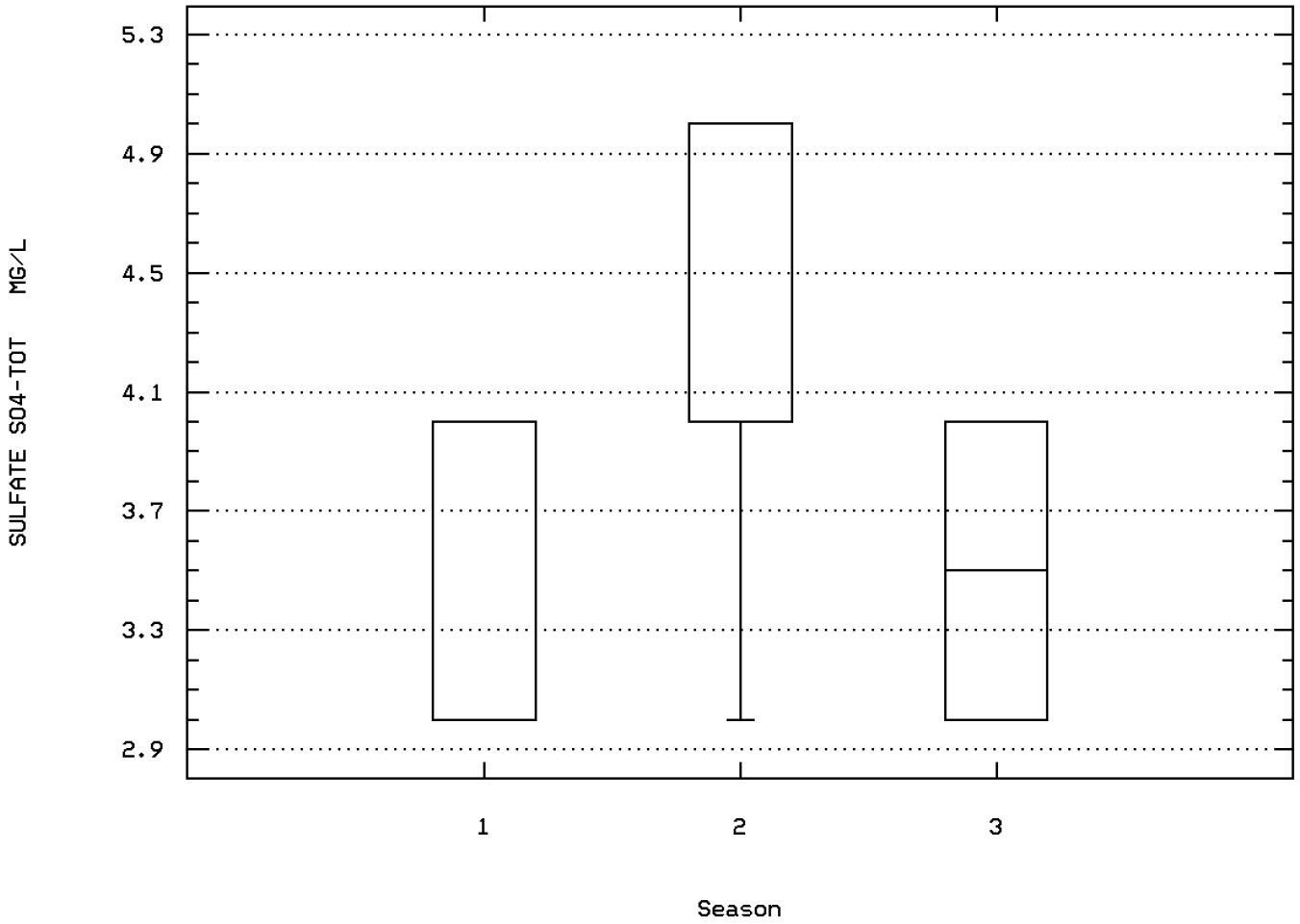
JACKS FORK ABOVE TWO RIVERS



JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00945

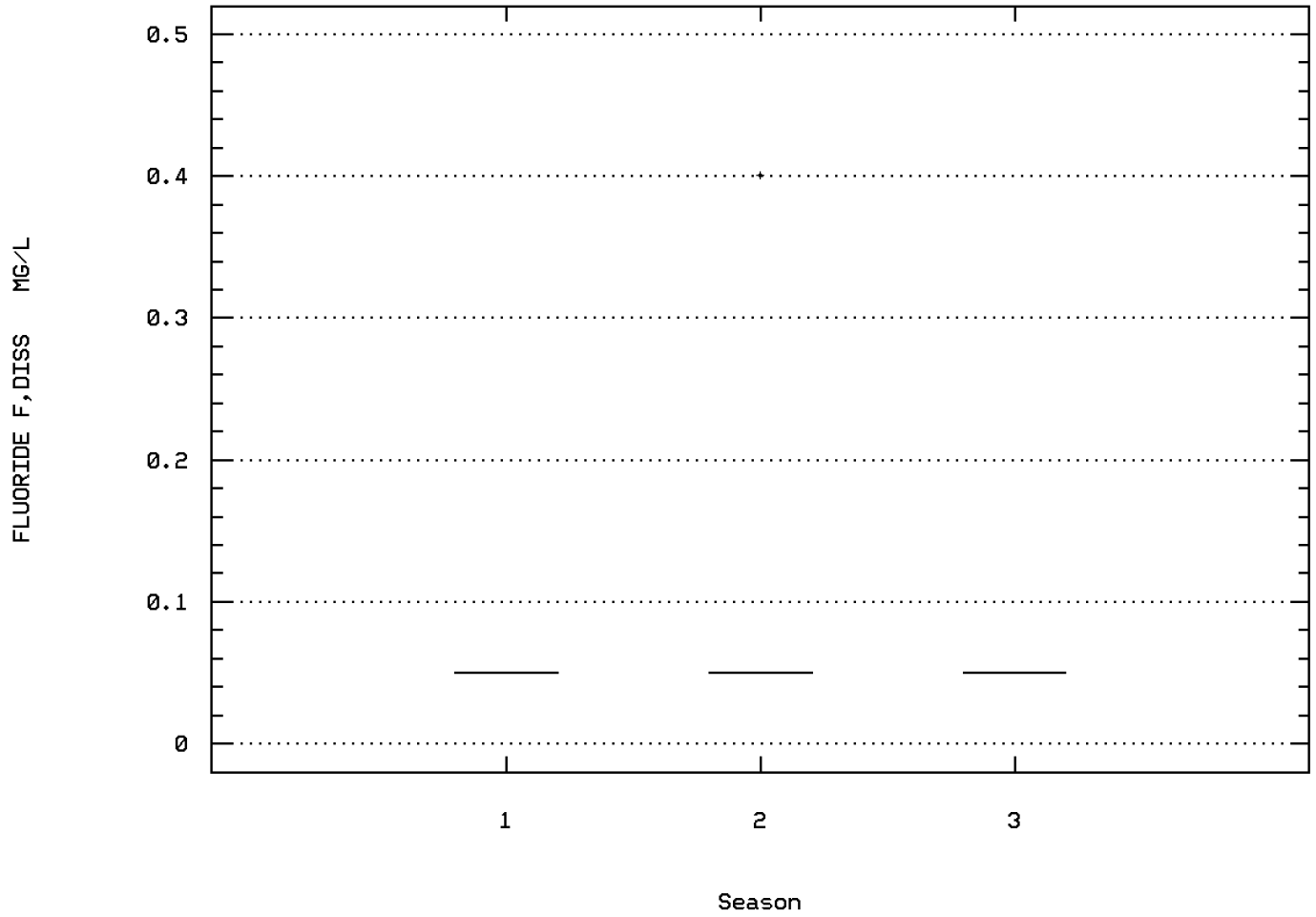
SULFATE, TOTAL (MG/L AS SO4)



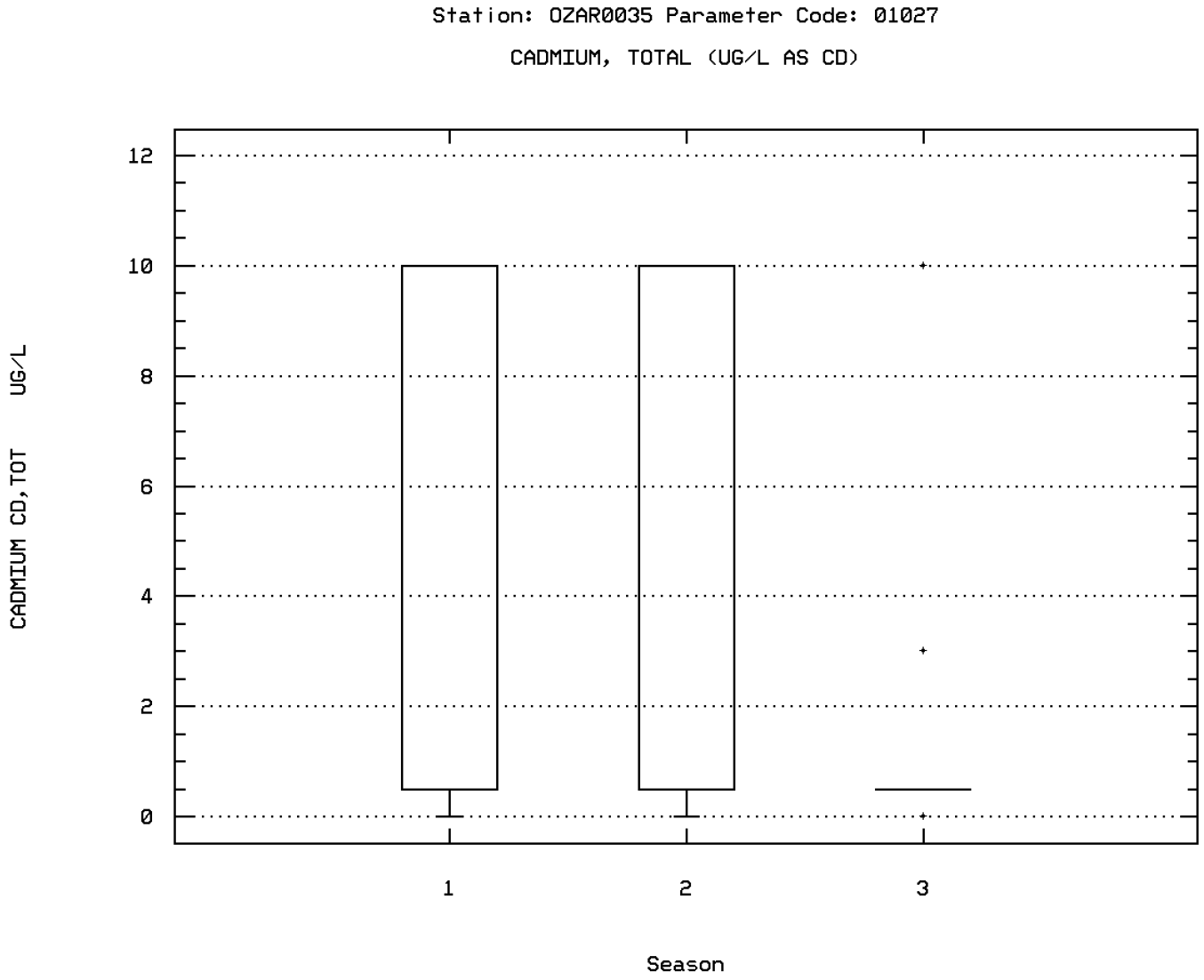
JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 00950

FLUORIDE, DISSOLVED (MG/L AS F)



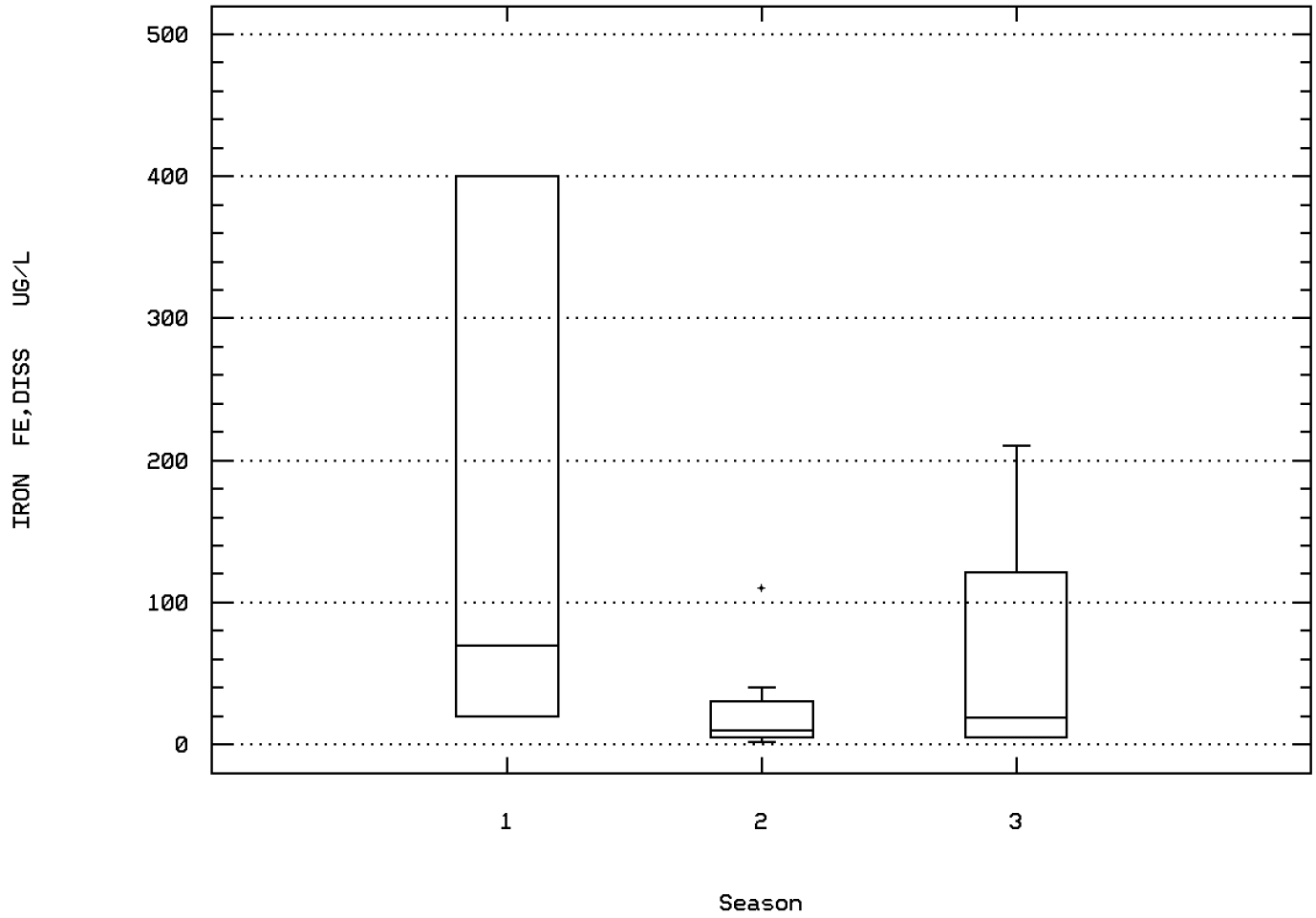
JACKS FORK ABOVE TWO RIVERS



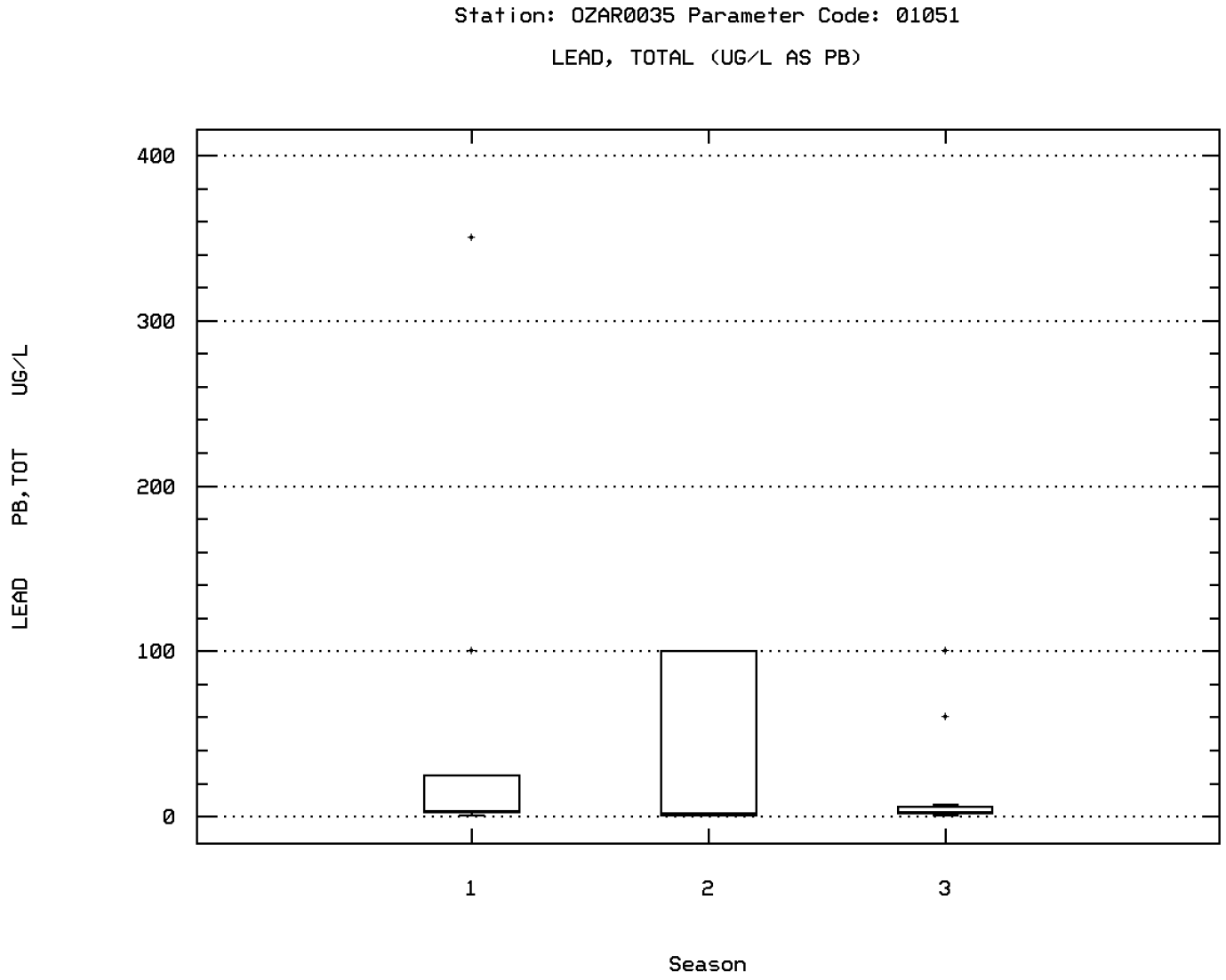
JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 01046

IRON, DISSOLVED (UG/L AS FE)



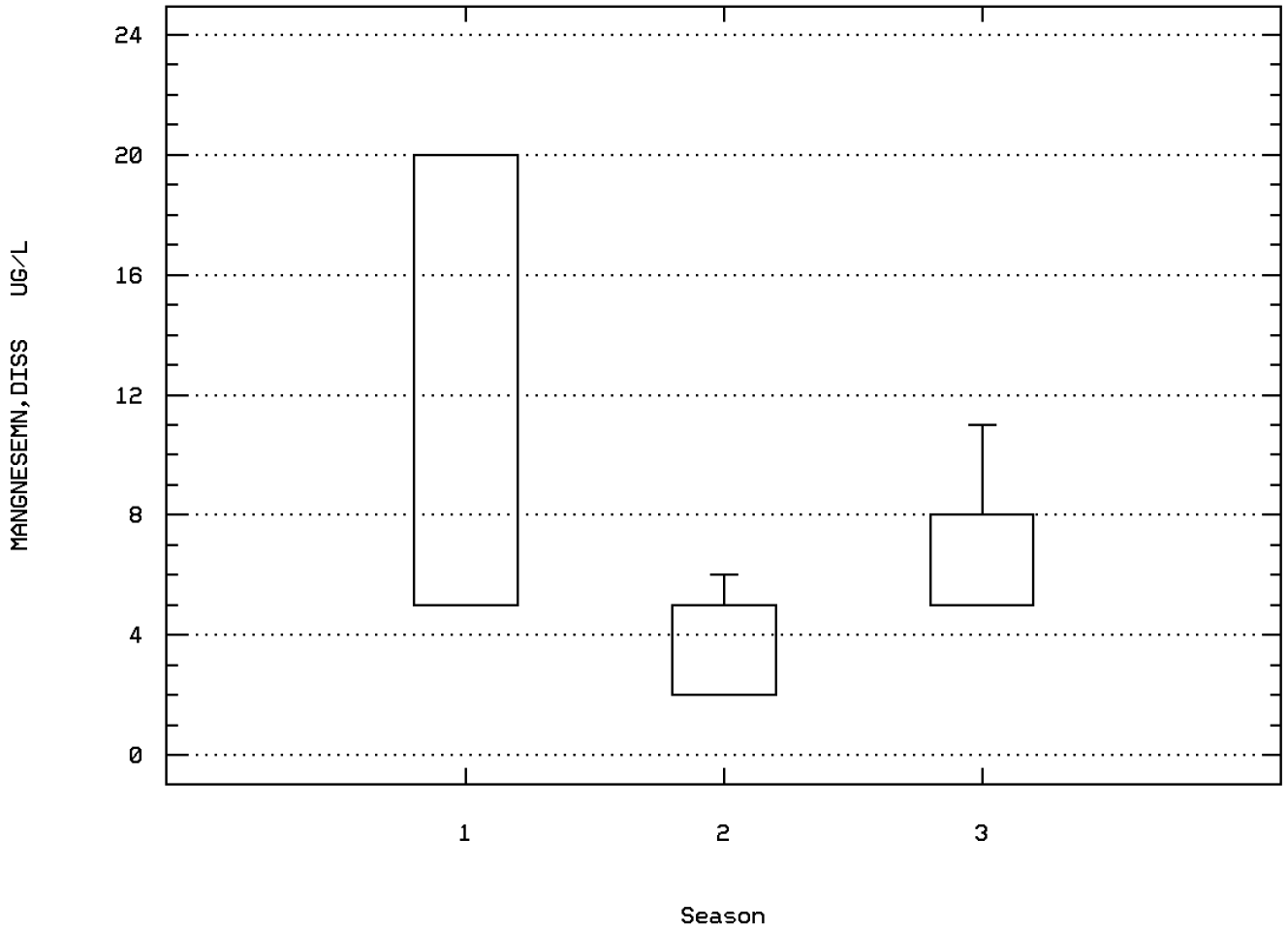
JACKS FORK ABOVE TWO RIVERS



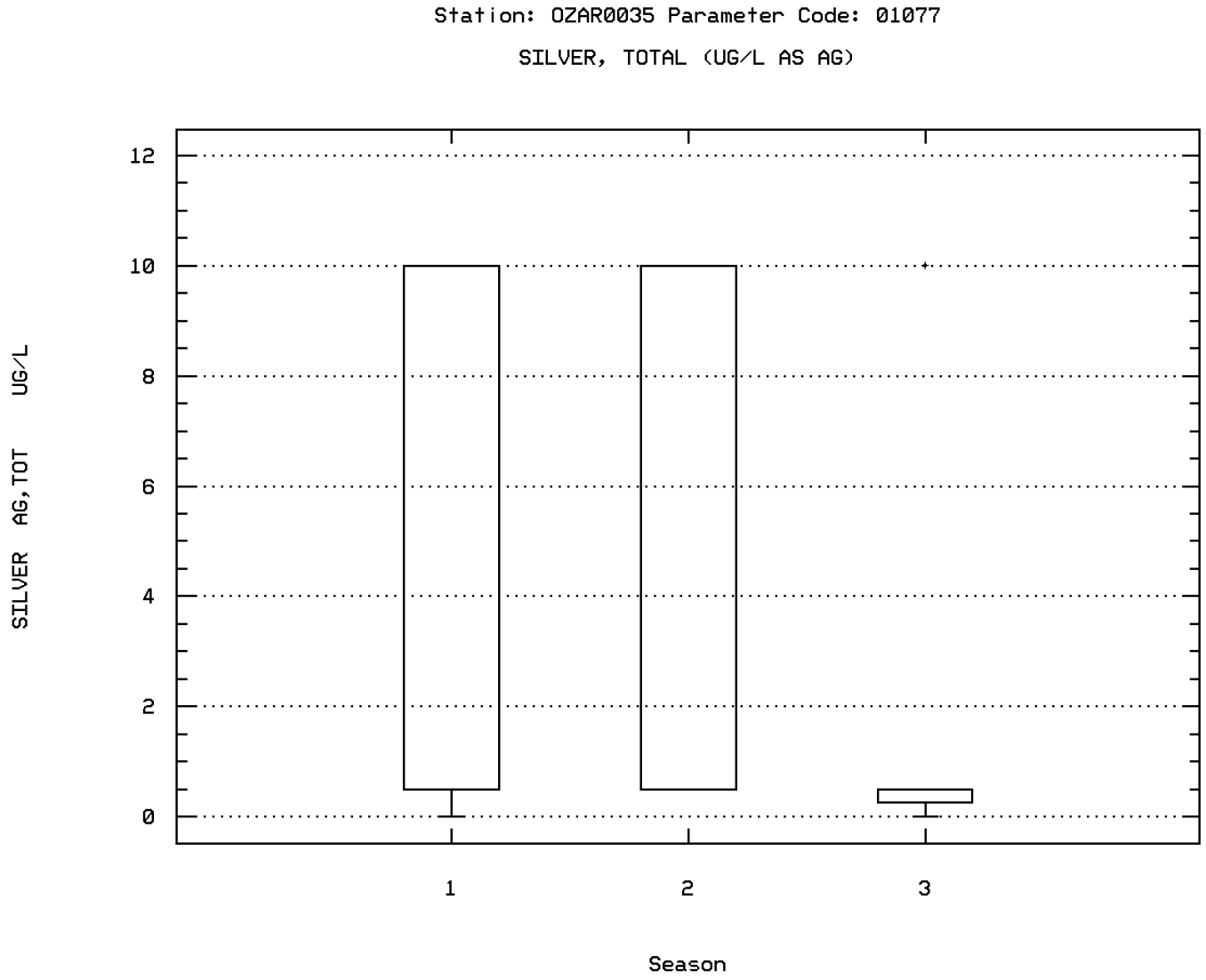
JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 01056

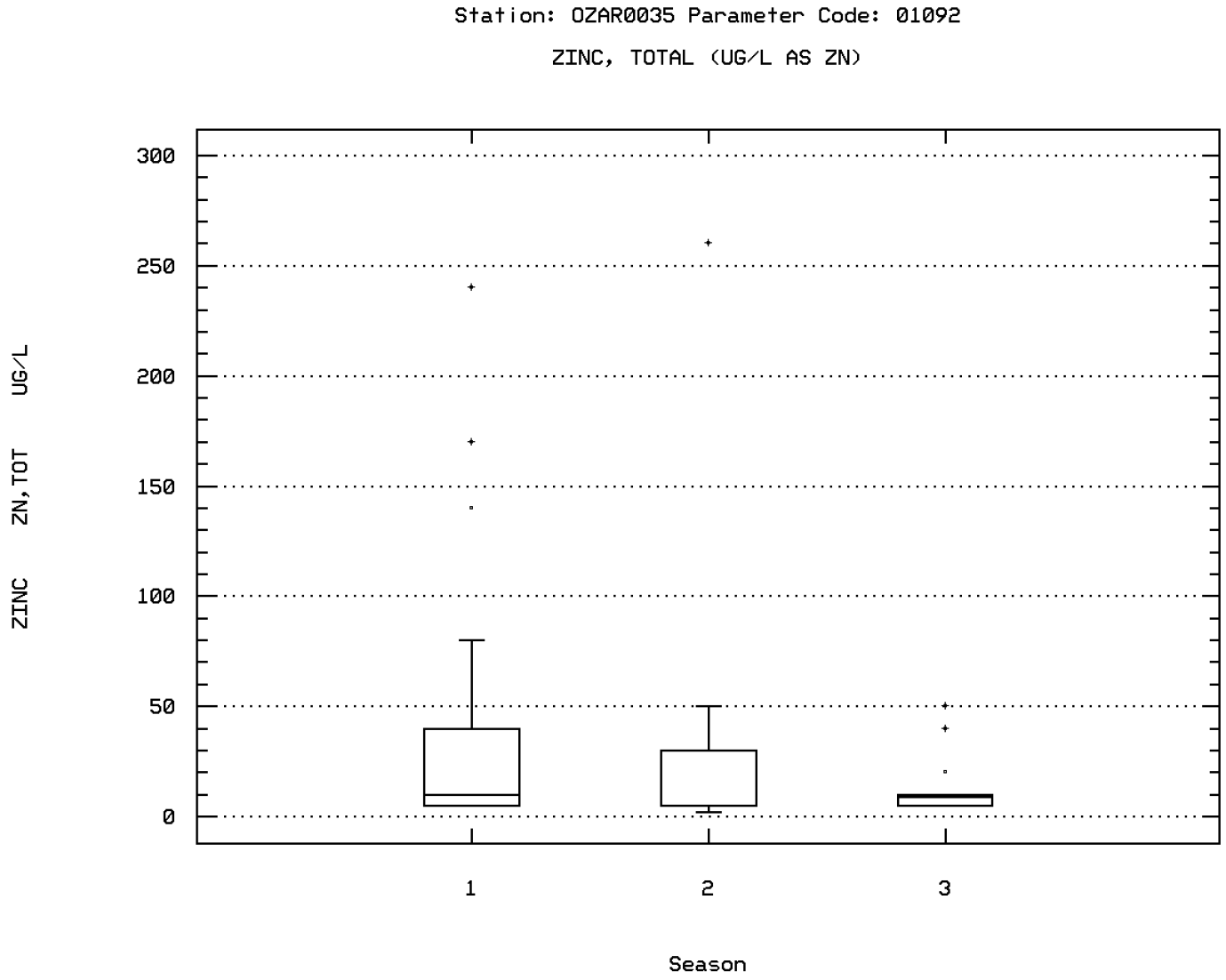
MANGANESE, DISSOLVED (UG/L AS MN)



JACKS FORK ABOVE TWO RIVERS



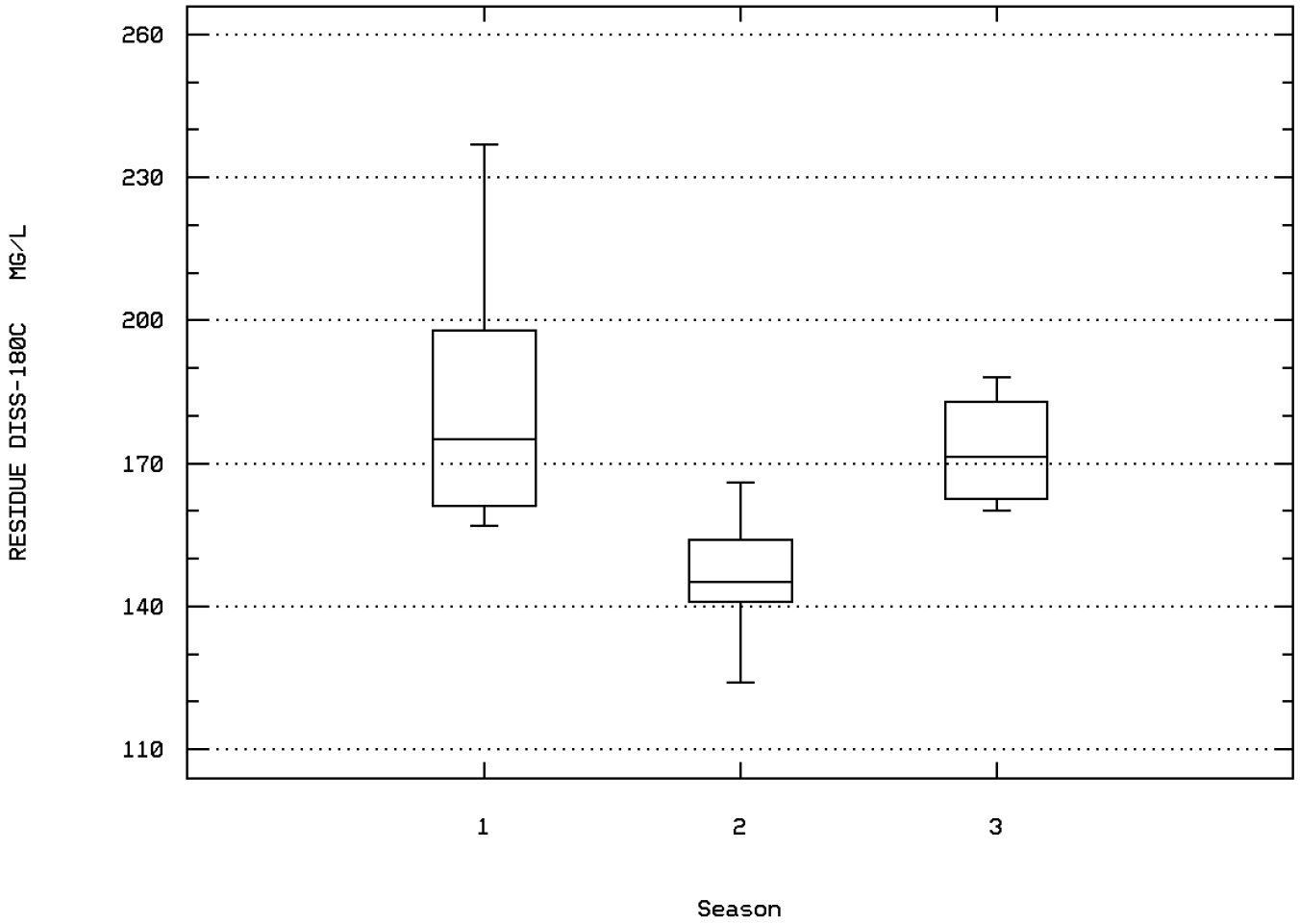
JACKS FORK ABOVE TWO RIVERS



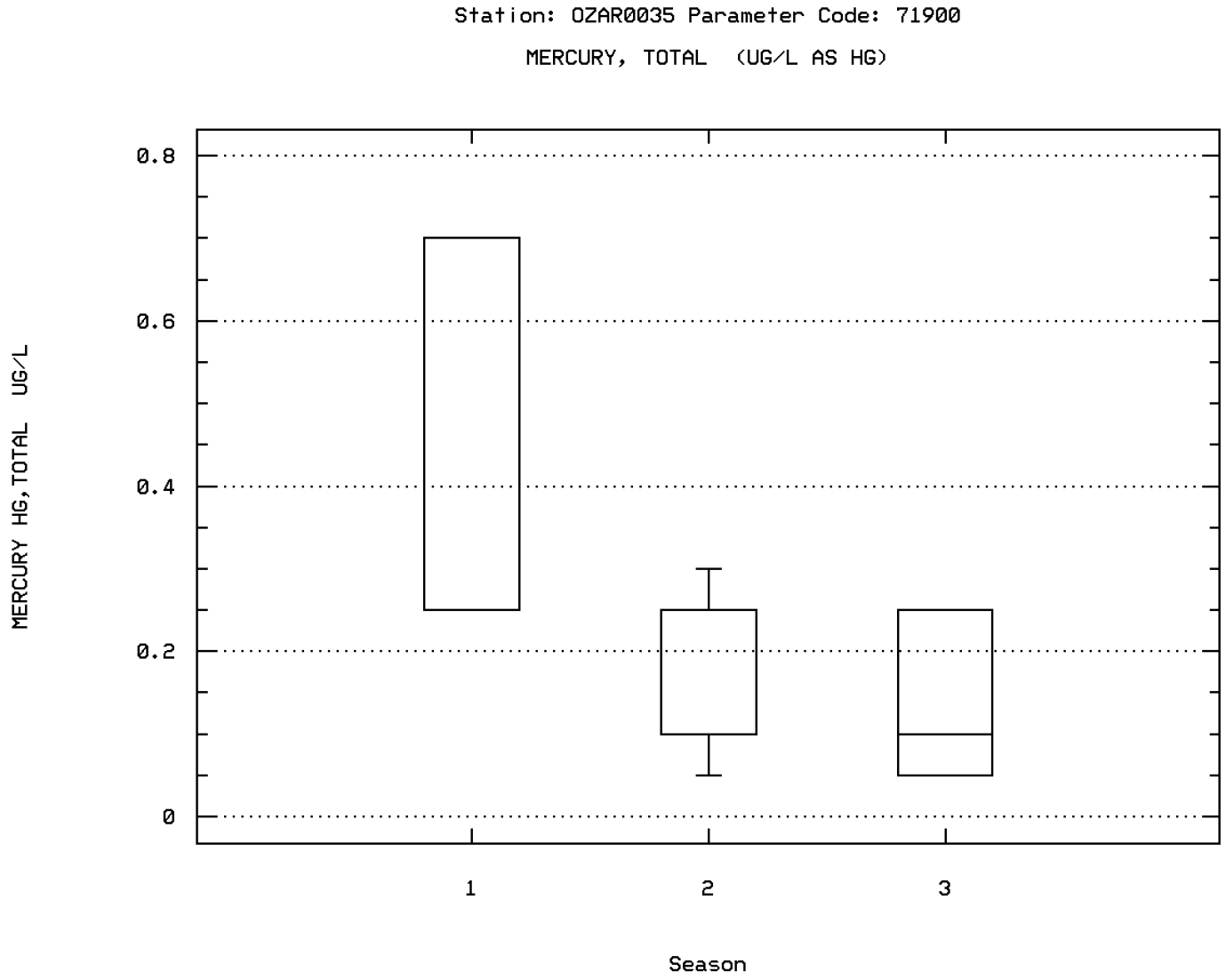
JACKS FORK ABOVE TWO RIVERS

Station: OZAR0035 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



JACKS FORK ABOVE TWO RIVERS



JACKS FORK ABOVE TWO RIVERS

Station Inventory for Station: OZAR0036

NPS Station ID: OZAR0036
LAT/LON: 37.171116/ -91.300560
Agency: 11NPSWRD
Date Created: 06/10/95
Location: SHAWNEE - RIVER BELOW
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SHNB
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: S. CENTRAL LOWER MISS R.
Elevation: 0
Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FOR RIVER JUST BELOW SHAWNEE CREEK. COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/86-09/06/94	72	20.05	19.569	24.	5.9	11.272	3.357	15.95	19.	21.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	53	26.	24.872	34.	3.6	32.479	5.699	17.96	23.	28.	31.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	59	321.	324.39	400.	240.	1328.828	36.453	280.	300.	350.	369.
00300	OXYGEN, DISSOLVED MG/L	06/08/94-09/06/94	5	8.3	8.58	9.2	8.1	0.237	0.487	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	46	8.02	8.	8.5	7.4	0.069	0.263	7.5	7.9	8.143	8.3
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	46	8.02	7.912	8.5	7.4	0.077	0.278	7.5	7.9	8.142	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	46	0.01	0.012	0.04	0.003	0.	0.009	0.005	0.007	0.013	0.032
00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	20	7.93	7.898	8.16	7.43	0.046	0.214	7.547	7.758	8.085	8.159
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/08/91-08/24/93	20	7.93	7.843	8.16	7.43	0.049	0.222	7.547	7.757	8.085	8.159
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/91-08/24/93	20	0.012	0.014	0.037	0.007	0.	0.008	0.007	0.008	0.018	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	53	174.	172.434	226.	86.	577.173	24.024	146.2	162.	186.5	198.6
00600	NITROGEN, TOTAL (MG/L AS N)	05/31/89-09/06/94	43	0.4	0.41	0.54	0.3	0.004	0.064	0.33	0.36	0.44	0.51
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	3	0.325	0.27	0.335	0.15	0.011	0.104	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	47	0.008	0.011	0.066	0.004	0.	0.009	0.006	0.007	0.011	0.013
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	74	50.	109.541	1450.	0.	38262.745	195.609	15.	28.75	116.25	222.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	74	1.699	1.695	3.161	0.	0.363	0.602	1.176	1.457	2.065	2.346
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			49.534								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/19/86-09/06/94	72	62.5	128.333	1565.	0.	59719.099	244.375	10.6	31.25	115.	239.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/19/86-09/06/94	72	1.796	1.747	3.195	0.	0.355	0.596	1.024	1.494	2.061	2.374
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			55.794								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/31/89-09/06/94	38	1.	1.171	3.2	0.3	0.388	0.623	0.6	0.8	1.425	2.2

** - 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: OZAR0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	2	0	0.00				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	46	0	0.00	14	0	0.00	3	0	0.00	29	0	0.00			
		Other-Lo Lim.	6.5	46	0	0.00	14	0	0.00	3	0	0.00	29	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	20	0	0.00	3	0	0.00	2	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	20	0	0.00	3	0	0.00	2	0	0.00	15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00							3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	74	9	0.12	22	3	0.14	5	0	0.00	47	6	0.13			

& - 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: 8/01 to 10/31 - Station OZAR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/86-09/06/94	23	20.	20.126	24.	15.3	4.207	2.051	16.5	19.2	21.6	22.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	16	24.5	25.219	34.	20.9	13.311	3.648	20.97	22.625	27.	31.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	20	350.	336.75	395.	240.	1358.197	36.854	255.5	323.25	350.	369.9
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	14	7.99	7.969	8.5	7.4	0.056	0.237	7.6	7.868	8.047	8.325
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	14	7.99	7.905	8.5	7.4	0.061	0.246	7.6	7.867	8.047	8.325
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	14	0.01	0.012	0.04	0.003	0.	0.009	0.005	0.009	0.014	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	15	183.	177.067	199.	103.	522.21	22.852	141.4	172.	192.	197.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	15	0.008	0.01	0.02	0.006	0.	0.004	0.006	0.007	0.012	0.016
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	22	73.5	156.545	1450.	0.	91081.307	301.797	10.9	28.75	145.25	325.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	22	1.865	1.804	3.161	0.	0.407	0.638	0.982	1.457	2.16	2.509
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			63.644								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/19/86-09/06/94	22	70.5	161.864	1225.	0.	70512.123	265.541	16.5	33.75	177.5	439.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/19/86-09/06/94	22	1.847	1.842	3.088	0.	0.398	0.631	1.214	1.527	2.249	2.639
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			69.445								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/86-09/06/94	5	8.1	9.	12.	5.9	5.96	2.441	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	5	12.9	11.34	16.	3.6	25.508	5.051	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	4	330.	327.5	340.	310.	225.	15.	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	3	7.87	7.78	7.97	7.5	0.061	0.248	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	3	7.87	7.73	7.97	7.5	0.065	0.255	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	3	0.013	0.019	0.032	0.011	0.	0.011	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	5	179.	178.8	183.	172.	18.7	4.324	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	3	0.005	0.005	0.007	0.004	0.	0.002	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	5	34.	38.	84.	5.	986.5	31.409	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	5	1.531	1.409	1.924	0.699	0.233	0.483	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.666								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/19/86-09/06/94	5	20.	27.	85.	0.	1220.	34.928	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/19/86-09/06/94	5	1.301	0.942	1.929	0.	0.791	0.89	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			8.74								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/86-09/06/94	44	20.75	20.48	23.5	17.	1.902	1.379	18.9	19.7	21.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	32	27.	26.813	34.	21.	11.264	3.356	22.3	24.	28.75	31.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	35	310.	316.971	400.	240.	1340.323	36.61	278.	298.	350.	363.6
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	29	8.07	8.038	8.4	7.4	0.074	0.271	7.5	7.955	8.275	8.3
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	29	8.07	7.939	8.4	7.4	0.084	0.289	7.5	7.955	8.275	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	29	0.009	0.011	0.04	0.004	0.	0.01	0.005	0.005	0.011	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	33	168.	169.364	226.	86.	680.989	26.096	144.4	157.5	187.	202.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	29	0.009	0.012	0.066	0.006	0.	0.011	0.007	0.008	0.011	0.013
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	47	50.	95.149	760.	0.	17230.303	131.264	15.	30.	113.	216.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	47	1.699	1.674	2.881	0.	0.355	0.596	1.176	1.477	2.053	2.334
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.241								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/19/86-09/06/94	45	65.	123.2	1565.	5.	60844.527	246.667	11.2	35.	115.	184.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/19/86-09/06/94	45	1.813	1.79	3.195	0.699	0.231	0.48	1.048	1.544	2.061	2.265
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			61.598								

** - 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

Station Inventory for Station: OZAR0037

NPS Station ID: OZAR0037 | LAT/LON: 37.171392/ -91.300837 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: SHAWNEE - CREEK | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SHCR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FORK RIVER AT MOUTH OF SHAWNEE CREEK. COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-06/16/86	17	22.8	22.247	26.1	19.4	2.654	1.629	19.72	20.85	23.05	24.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-06/16/86	9	245.	265.	400.	185.	4825.	69.462	185.	217.5	322.5	400.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	7	9.2	9.129	10.3	7.3	0.966	0.983	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-06/16/86	9	8.	7.9	8.6	6.9	0.297	0.545	6.9	7.55	8.35	8.6
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-06/16/86	9	8.	7.581	8.6	6.9	0.412	0.642	6.9	7.55	8.35	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-06/16/86	9	0.01	0.026	0.126	0.003	0.002	0.039	0.003	0.005	0.028	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-06/16/86	9	177.	188.667	258.	170.	924.5	30.406	170.	170.	203.	258.
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	6	0.155	0.153	0.22	0.08	0.004	0.063	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-06/16/86	7	0.11	0.144	0.22	0.08	0.004	0.062	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/16/86	15	40.	45.4	120.	12.	735.971	27.129	13.8	32.	50.	100.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-06/16/86	15	1.602	1.592	2.079	1.079	0.062	0.249	1.137	1.505	1.699	1.998
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.124								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/16/86	4	70.	68.	76.	56.	74.667	8.641	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-06/16/86	4	1.845	1.83	1.881	1.748	0.003	0.058	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			67.563								

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

EPA Water Quality Criteria Analysis for Station: OZAR0037

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			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.	7	0	0.00	3	0	0.00				4	0	0.00			
00400	PH	Other-Hi Lim.	9.	9	0	0.00	4	0	0.00				5	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	4	0	0.00				5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	3	0	0.00				4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	15	0	0.00	8	0	0.00				7	0	0.00			

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

Station Inventory for Station: OZAR0038

NPS Station ID: OZAR0038 | LAT/LON: 37.171670/ -91.301116 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: SHAWNEE - RIVER ABOVE | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SHNA
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FORK RIVER JUST ABOVE SHAWNEE CREEK. COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-07/27/87	8	21.85	21.9	23.5	20.5	1.109	1.053	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-07/27/87	3	28.	28.333	30.	27.	2.333	1.528	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-08/11/86	5	300.	296.	320.	250.	830.	28.81	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-07/27/87	9	8.13	8.162	8.4	7.99	0.027	0.165	7.99	8.005	8.35	8.4
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-07/27/87	9	8.13	8.136	8.4	7.99	0.028	0.167	7.99	8.005	8.35	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-07/27/87	9	0.007	0.007	0.01	0.004	0.	0.002	0.004	0.004	0.01	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-07/28/86	3	158.	150.667	164.	130.	329.333	18.148	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/90-06/13/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	3	0.31	0.245	0.325	0.1	0.016	0.126	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/90-06/13/90	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-07/27/87	10	57.	72.9	191.	0.	4875.878	69.827	0.	7.5	134.25	189.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-07/27/87	10	1.75	1.459	2.281	0.	0.726	0.852	0.	0.75	2.12	2.278
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.772								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-06/13/89	10	74.	120.8	560.	8.	25058.844	158.3	12.4	55.	103.	518.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-06/13/89	10	1.865	1.869	2.748	0.903	0.206	0.454	0.984	1.74	2.001	2.69
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			73.98								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/13/90-06/13/90	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: OZAR0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	9	0	0.00	1	0	0.00				8	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	1	0	0.00				8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00							3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	0	0.00	1	0	0.00				9	0	0.00			

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

Station Inventory for Station: OZAR0039

NPS Station ID: OZAR0039
LAT/LON: 37.171670/ -91.301949
Agency: 112WRD
Date Created: / /
Location: SHAWNEE CREEK NEAR EMINENCE, MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07066100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008050
RF1 Mile Point: 0.300
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 11010008004301.82
RF3 Mile Point: 2.69
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/17/73	4	17.75	16.875	21.	11.	24.729	4.973	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/17/73	4	14.5	23.	55.	8.	484.667	22.015	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/73-08/01/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-08/01/73	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/17/73	4	457.	449.25	550.	333.	7944.917	89.134	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/17/73	4	9.25	9.425	10.6	8.6	0.749	0.866	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-10/17/73	4	96.	96.	100.	92.	10.667	3.266	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/04/73-08/01/73	3	6.	5.667	11.	0.	30.333	5.508	**	**	**	**
00400	PH (STANDARD UNITS)	04/04/73-10/17/73	4	8.15	8.125	8.2	8.	0.009	0.096	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/04/73-10/17/73	4	8.147	8.117	8.2	8.	0.009	0.096	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/73-10/17/73	4	0.007	0.008	0.01	0.006	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-10/17/73	4	3.65	3.775	5.6	2.2	2.229	1.493	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-10/17/73	4	262.5	247.25	287.	177.	2508.25	50.082	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-10/17/73	4	320.	301.5	350.	216.	3715.667	60.956	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/04/73-10/17/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	3	0.57	0.553	0.85	0.24	0.093	0.305	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-10/17/73	4	0.075	0.188	0.6	0.	0.081	0.284	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/17/73	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-10/17/73	4	0.245	0.275	0.41	0.2	0.009	0.093	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/17/73	4 ##	0.105	0.215	0.6	0.05	0.069	0.262	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/17/73	3	0.25	0.3	0.41	0.24	0.009	0.095	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/17/73	3	0.01	0.035	0.09	0.006	0.002	0.047	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/17/73	4 ##	0.013	0.013	0.02	0.005	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-08/01/73	2	230.	230.	280.	180.	5000.	70.711	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-08/01/73	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-08/01/73	2	48.5	48.5	59.	38.	220.5	14.849	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-08/01/73	2	26.5	26.5	33.	20.	84.5	9.192	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-08/01/73	2	1.6	1.6	1.7	1.5	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/04/73-08/01/73	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	04/04/73-08/01/73	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-08/01/73	2	0.85	0.85	0.9	0.8	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-08/01/73	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-08/01/73	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-08/01/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-08/01/73	2	7.65	7.65	8.8	6.5	2.645	1.626	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-08/01/73	2 ##	492.5	492.5	980.	5.	475312.5	689.429	**	**	**	**

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Parameter Inventory for Station: OZAR0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-08/01/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	1	740.	740.	740.	740.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/04/73-04/04/73	1	2.869	2.869	2.869	2.869	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			740.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/17/73	4	55.5	71.75	160.	16.	3816.25	61.776	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/17/73	4	1.743	1.724	2.204	1.204	0.168	0.409	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			52.939								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-10/17/73	4	180.	172.5	230.	100.	3158.333	56.199	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/04/73-10/17/73	4	2.253	2.217	2.362	2.	0.025	0.158	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			164.71								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-08/01/73	2	0.01	0.01	0.02	0.	0.	0.014	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-08/01/73	2	223.5	223.5	267.	180.	3784.5	61.518	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-08/01/73	2	228.5	228.5	278.	179.	4900.5	70.004	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-08/01/73	2	16.665	16.665	26.7	6.63	201.402	14.192	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-08/01/73	2	0.3	0.3	0.36	0.24	0.007	0.085	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-10/17/73	3	2.5	2.467	3.8	1.1	1.823	1.35	**	**	**	**

** - 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: OZAR0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: OZAR0040

NPS Station ID: OZAR0040 LAT/LON: 37.166670/ -91.303170 Agency: 21MO0001 Date Created: 10/06/84
Location: T29N,R3W, SEC.20, W1/2, 1 MILE NORTH OF HYW 106 FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008042B
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: JACK'S FORK RIVER ECO Region:
RF1 Index: 11010008050 RF1 Mile Point: 0.590 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008125600.00 RF3 Mile Point: 2.27 Distance from RF3: 0.07 On/Off RF3:
Description:
COUNTY: SHANNON ESTABLISHED FOR: SHAWNEE CREEK WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/17/73-10/17/73	1	58.1	58.1	58.1	58.1	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/17/73-10/17/73	1	287.	287.	287.	287.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-10/17/73	1	550.	550.	550.	550.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/17/73-10/17/73	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/73-10/17/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/73-10/17/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-10/17/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-10/17/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-10/17/73	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-10/17/73	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/17/73-10/17/73	1	59.	59.	59.	59.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/17/73-10/17/73	1	1.771	1.771	1.771	1.771	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			59.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/17/73-10/17/73	1	230.	230.	230.	230.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/17/73-10/17/73	1	2.362	2.362	2.362	2.362	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			230.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/17/73-10/17/73	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: OZAR0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0041

NPS Station ID: OZAR0041
LAT/LON: 37.184726/ -91.312366
Agency: 21MO0001
Date Created: 10/06/84
Location: T29N, R3W, SECTION 20, NE 1/4
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11010008042A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: WHITE RIVER
Elevation: 0
Water Body Id:
Minor Basin: JACK'S FORK RIVER
ECO Region:
RF1 Index: 11010008043
RF1 Mile Point: 0.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 11010008004100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.05
On/Off RF3:
Description:
COUNTY: SHANNON ESTABLISHED FOR: JACK'S FORK WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION SOME LIMNOLOGICAL CHARACTERISTICS OF SIX OZARK STREAMS BY HUGH F. CLIFFORD.

Parameter Inventory for Station: OZAR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/28/61-10/22/74	10	60.	59.26	70.	50.	47.643	6.902	50.09	53.6	63.95	69.98
00040	WIND DIRECTION, AZIMUTH	01/18/74-10/22/74	4	163.	164.75	185.	148.	256.25	16.008	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	01/18/74-10/22/74	4	443.	449.75	680.	233.	42488.25	206.127	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/28/61-10/22/74	10	1.	1.7	5.	1.	1.567	1.252	1.	1.	2.	4.7
00089	COD, SETTLED MG/L	01/18/74-10/22/74	4	1.5	1.25	2.	0.	0.917	0.957	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/61-10/22/74	10	302.	290.5	346.	173.	3417.611	58.46	177.1	248.5	339.75	345.9
00300	OXYGEN, DISSOLVED MG/L	01/18/74-10/22/74	4	10.2	9.9	11.3	7.9	2.287	1.512	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/61-10/22/74	7	8.	7.9	8.2	7.5	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/61-10/22/74	7	8.	7.843	8.2	7.5	0.057	0.239	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/61-10/22/74	7	0.01	0.014	0.032	0.006	0.	0.009	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/20/61-11/08/61	3	6.5	5.867	7.5	3.6	4.103	2.026	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/28/61-11/08/61	6	155.	161.333	192.	138.	519.467	22.792	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/74-10/22/74	4	0.02	0.028	0.07	0.	0.001	0.031	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/18/74-10/22/74	4	0.3	0.298	0.36	0.23	0.004	0.067	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/61-11/08/61	5	0.002	0.003	0.01	0.	0.	0.004	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/61-10/22/74	8	0.013	0.016	0.03	0.005	0.	0.01	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/18/74-10/22/74	4	165.	167.5	190.	150.	291.667	17.078	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/18/74-10/22/74	4	33.5	34.5	40.	31.	16.333	4.041	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/18/74-10/22/74	4	20.	20.25	23.	18.	4.917	2.217	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/74-10/22/74	4	1.55	1.55	1.8	1.3	0.043	0.208	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/74-10/22/74	4	0.85	0.85	1.	0.7	0.017	0.129	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/74-10/22/74	4	2.	2.25	3.	2.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/74-10/22/74	4	4.5	4.25	5.	3.	0.917	0.957	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/28/61-11/08/61	6	7.6	7.717	8.6	7.2	0.258	0.508	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/18/74-10/22/74	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/18/74-10/22/74	4	2.5	2.5	4.	1.	1.667	1.291	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/18/74-10/22/74	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/74-10/22/74	4	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/74-10/22/74	4	13.5	13.75	26.	2.	169.583	13.022	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/74-10/22/74	3	12.	11.667	21.	2.	90.333	9.504	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/74-10/22/74	3	1.079	0.901	1.322	0.301	0.285	0.533	**	**	**	**

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

Parameter Inventory for Station: OZAR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.958								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/18/74-10/22/74	3	13.	13.667	16.	12.	4.333	2.082	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/18/74-10/22/74	3	1.114	1.132	1.204	1.079	0.004	0.064	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			13.565								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/18/74-10/22/74	3	0.	0.003	0.01	0.	0.	0.006	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/25/61-11/08/61	5	0.2	0.24	0.3	0.2	0.003	0.055	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0041

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-4/20----------			----------4/21-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	15.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	2	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			

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

Station Inventory for Station: OZAR0042

NPS Station ID: OZAR0042 LAT/LON: 37.241559/ -91.331727 Agency: 21MO0001 Date Created: 11/16/84
Location: T29N,R4W,SEC.1,NE1/4,NATL PK SERV JERKTAIL LANDI FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008027
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: CURRENT RIVER ECO Region:
RF1 Index: 11010008029 RF1 Mile Point: 0.960 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008004900.00 RF3 Mile Point: 0.29 Distance from RF3: 0.01 On/Off RF3:
Description:
COUNTY: SHANNON ESTABLISHED FOR: CURRENT RIVER WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/18/74-10/22/74	4	54.95	58.1	70.7	51.8	73.98	8.601	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	01/18/74-10/22/74	4	156.5	158.25	177.	143.	216.917	14.728	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	01/18/74-10/22/74	4	1540.	1587.5	2420.	850.	466091.667	682.709	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/18/74-10/22/74	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00089	COD, SETTLED MG/L	01/18/74-10/22/74	4	12.5	12.25	24.	0.	133.583	11.558	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/74-10/22/74	4	305.	309.	341.	285.	656.667	25.626	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/18/74-10/22/74	4	9.2	9.35	10.8	8.2	1.823	1.35	**	**	**	**
00400	PH (STANDARD UNITS)	01/18/74-10/22/74	4	8.1	8.1	8.2	8.	0.007	0.082	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/74-10/22/74	4	8.1	8.094	8.2	8.	0.007	0.082	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/74-10/22/74	4	0.008	0.008	0.01	0.006	0.	0.002	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/74-10/22/74	4	0.02	0.023	0.05	0.	0.	0.022	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/18/74-10/22/74	4	0.225	0.218	0.42	0.	0.03	0.172	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/74-10/22/74	4	0.025	0.025	0.03	0.02	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/18/74-10/22/74	4	155.	162.5	190.	150.	358.333	18.93	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/18/74-10/22/74	4	33.	33.5	38.	30.	11.667	3.416	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/18/74-10/22/74	4	18.5	19.	22.	17.	4.667	2.16	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/74-10/22/74	4	1.65	1.675	2.	1.4	0.063	0.25	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/74-10/22/74	4	1.05	1.575	3.4	0.8	1.496	1.223	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/74-10/22/74	4	2.	2.25	3.	2.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/74-07/10/74	3	5.	6.	8.	5.	3.	1.732	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/18/74-10/22/74	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/18/74-10/22/74	4	15.	18.	40.	2.	269.333	16.411	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/18/74-10/22/74	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/74-10/22/74	4	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/74-10/22/74	4	14.	15.25	30.	3.	177.583	13.326	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/74-10/22/74	3	2.	5.667	14.	1.	52.333	7.234	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/74-10/22/74	3	0.301	0.482	1.146	0.	0.353	0.594	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.037								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/18/74-10/22/74	3	7.	7.	11.	3.	16.	4.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/18/74-10/22/74	3	0.845	0.788	1.041	0.477	0.082	0.286	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6.136								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/18/74-10/22/74	3	0.03	0.343	1.	0.	0.324	0.569	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0042

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	15.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	2	0	0.00						

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

Station Inventory for Station: OZAR0043

NPS Station ID: OZAR0043
LAT/LON: 37.170559/ -91.336670
Agency: 112WRD
Date Created: / /
Location: JACKS FORK BELOW EMINENCE, MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07066010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008043
RF1 Mile Point: 2.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008004900.00
RF3 Mile Point: 0.56
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/17/73	4	16.	15.75	19.5	11.5	14.917	3.862	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	1	435.	435.	435.	435.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/17/73	4	437.5	635.	1400.	265.	266716.667	516.446	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/73-08/01/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-08/01/73	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/17/73	4	303.	292.	318.	244.	1098.	33.136	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/17/73	4	9.1	9.275	10.3	8.6	0.529	0.727	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-10/17/73	4	92.5	92.5	97.	88.	15.	3.873	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/04/73-08/01/73	3	6.	4.333	6.	1.	8.333	2.887	**	**	**	**
00400	PH (STANDARD UNITS)	04/04/73-10/17/73	4	7.95	7.95	8.1	7.8	0.017	0.129	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/04/73-10/17/73	4	7.947	7.936	8.1	7.8	0.017	0.13	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/73-10/17/73	4	0.011	0.012	0.016	0.008	0.	0.003	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-10/17/73	4	3.45	3.45	5.	1.9	1.737	1.318	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-10/17/73	4	156.5	149.5	162.	123.	332.333	18.23	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-10/17/73	4	191.	182.5	198.	150.	497.	22.293	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/04/73-10/17/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	3	0.54	0.58	0.7	0.5	0.011	0.106	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-10/17/73	4	0.115	0.095	0.15	0.	0.004	0.067	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/17/73	4 ##	0.008	0.025	0.08	0.005	0.001	0.037	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-10/17/73	4	0.35	0.358	0.46	0.27	0.006	0.078	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/17/73	4	0.12	0.13	0.23	0.05	0.006	0.076	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/17/73	3	0.44	0.423	0.47	0.36	0.003	0.057	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/17/73	4 ##	0.008	0.013	0.03	0.005	0.	0.012	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/17/73	4 ##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-08/01/73	2	140.	140.	160.	120.	800.	28.284	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-08/01/73	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-08/01/73	2	30.	30.	33.	27.	18.	4.243	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-08/01/73	2	16.5	16.5	19.	14.	12.5	3.536	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-08/01/73	2	1.7	1.7	1.8	1.6	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/04/73-08/01/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/04/73-08/01/73	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-08/01/73	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-08/01/73	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-08/01/73	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-08/01/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-08/01/73	2	7.65	7.65	8.5	6.8	1.445	1.202	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-08/01/73	2 ##	202.5	202.5	400.	5.	78012.5	279.307	**	**	**	**

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

Parameter Inventory for Station: OZAR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-08/01/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/04/73-04/04/73	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			200.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/17/73	4	81.5	92.	180.	25.	4692.667	68.503	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/17/73	4	1.883	1.855	2.255	1.398	0.14	0.375	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			71.568								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-10/17/73	4	152.	165.25	320.	37.	16664.917	129.093	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/04/73-10/17/73	4	2.133	2.085	2.505	1.568	0.179	0.423	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			121.622								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-08/01/73	2	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-08/01/73	2	156.5	156.5	181.	132.	1200.5	34.648	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-08/01/73	2	148.5	148.5	166.	131.	612.5	24.749	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-08/01/73	2	314.5	314.5	499.	130.	68080.5	260.922	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-08/01/73	2	0.215	0.215	0.25	0.18	0.002	0.049	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-10/17/73	3	2.4	2.567	3.1	2.2	0.223	0.473	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0043

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: OZAR0044

NPS Station ID: OZAR0044 LAT/LON: 37.171392/ -91.336949 Agency: 11NPSWRD Date Created: 06/10/95
Location: EMINENCE - BELOW TRAIL RIDES (HORSE CAMP) FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): EMTR
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. Elevation: 0 Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER ECO Region:
RF1 Index: 11010008 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 11010008119700.00 RF3 Mile Point: 0.88 Distance from RF3: 0.16 On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FORK DOWNSTREAM FROM THE CROSS COUNTRY TRAIL RIDES. TURN EAST AT NORTH END OF HIGHWAY 19 BRIDGE AT EMINENCE

Parameter Inventory for Station: OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	83	19.3	18.422	23.	7.9	13.061	3.614	12.18	18.5	20.6	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	61	24.1	23.054	33.	6.7	32.062	5.662	14.04	22.1	26.65	28.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	68	310.	302.838	420.	176.	1492.585	38.634	245.	294.25	329.	340.
00300	OXYGEN, DISSOLVED MG/L	06/08/94-09/06/94	5	8.5	8.56	10.2	7.7	1.003	1.001	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	57	7.95	7.974	8.4	7.1	0.056	0.236	7.748	7.83	8.16	8.3
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	57	7.95	7.899	8.4	7.1	0.061	0.248	7.748	7.83	8.16	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	57	0.011	0.013	0.079	0.004	0.	0.011	0.005	0.007	0.015	0.018
00406	PH, FIELD, STANDARD UNITS SU	02/06/91-08/24/93	19	7.91	7.908	8.23	7.44	0.051	0.226	7.52	7.75	8.12	8.22
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/06/91-08/24/93	19	7.91	7.85	8.23	7.44	0.055	0.234	7.52	7.75	8.12	8.22
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/91-08/24/93	19	0.012	0.014	0.036	0.006	0.	0.008	0.006	0.008	0.018	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	61	167.	162.016	192.	86.	393.183	19.829	131.2	151.5	176.	184.8
00600	NITROGEN, TOTAL (MG/L AS N)	10/26/88-09/06/94	48	0.42	0.419	0.58	0.3	0.005	0.067	0.339	0.373	0.455	0.531
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	3	0.31	0.25	0.33	0.11	0.015	0.122	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	51	0.009	0.01	0.024	0.004	0.	0.004	0.006	0.007	0.011	0.017
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	85	59.	176.788	4450.	0.	256802.026	506.756	5.	15.	145.5	420.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	85	1.771	1.667	3.648	0.	0.576	0.759	0.699	1.176	2.163	2.623
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			46.476								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	82	95.5	180.317	1860.	0.	71120.491	266.684	10.	35.	241.	411.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	82	1.98	1.889	3.27	0.	0.436	0.66	1.	1.544	2.382	2.614
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			77.374								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/26/88-09/06/94	44	1.	1.189	4.4	0.2	0.763	0.874	0.5	0.625	1.325	2.65

** - 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: OZAR0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	2	0	0.00				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	57	0	0.00	19	0	0.00	8	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	57	0	0.00	19	0	0.00	8	0	0.00	30	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	19	0	0.00	4	0	0.00	1	0	0.00	14	0	0.00			
		Other-Lo Lim.	6.5	19	0	0.00	4	0	0.00	1	0	0.00	14	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00							3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	85	17	0.20	27	6	0.22	9	2	0.22	49	9	0.18			

& - 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 1986 - Station OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	5	21.1	21.12	22.	20.	0.547	0.74	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	6	58.5	65.833	134.	0.	2679.367	51.763	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	6	1.767	1.525	2.127	0.	0.623	0.79	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			33.474								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	6	218.	245.333	460.	132.	13418.667	115.839	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	6	2.335	2.355	2.663	2.121	0.035	0.186	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			226.262								

** - Less than 9 observations ## - Computed 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 OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	4	20.	20.75	23.	20.	2.25	1.5	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	5	15.	58.2	175.	4.	5519.7	74.295	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	5	1.176	1.364	2.243	0.602	0.502	0.708	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.126								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	4	130.5	181.25	412.	52.	25827.583	160.71	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	4	2.1	2.133	2.615	1.716	0.145	0.381	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			135.726								

** - Less than 9 observations ## - Computed 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 OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	13	18.	15.762	22.	7.9	29.053	5.39	8.14	10.3	21.	21.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	13	10.	21.769	105.	0.	1003.859	31.684	0.	3.	30.5	89.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	13	1.	0.926	2.021	0.	0.443	0.665	0.	0.349	1.398	1.938
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.443								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	13	25.	53.615	295.	1.	6698.423	81.844	2.6	9.5	57.5	233.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	13	1.398	1.336	2.47	0.	0.421	0.649	0.28	0.977	1.739	2.34
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			21.683								

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

Annual Analysis for 1989 - Station OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	13	18.9	17.415	21.	8.1	11.311	3.363	10.62	15.9	19.	20.56
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	13	30.	44.538	173.	0.	2147.269	46.339	2.	11.5	65.	135.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	13	1.477	1.387	2.238	0.	0.349	0.59	0.28	1.057	1.813	2.1
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.406								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	13	55.	129.231	610.	0.	31395.192	177.187	4.	35.	140.	524.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	13	1.74	1.739	2.785	0.	0.494	0.703	0.4	1.544	2.136	2.71
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			54.819								

** - 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 box-and-whisker plot

Annual Analysis for 1990 - Station OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	8	19.15	16.838	20.8	8.2	29.16	5.4	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	8	31.	164.875	880.	0.	89917.554	299.863	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	8	1.488	1.589	2.944	0.	0.785	0.886	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			38.856								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	8	71.	230.25	1140.	10.	143184.786	378.398	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	8	1.831	1.952	3.057	1.	0.406	0.637	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			89.554								

** - Less than 9 observations ## - Computed 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 OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	9	19.3	18.533	21.7	10.1	13.81	3.716	10.1	17.1	21.3	21.7
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	9	90.	175.111	480.	5.	30763.111	175.394	5.	43.5	342.5	480.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	9	1.954	1.97	2.681	0.699	0.378	0.615	0.699	1.634	2.518	2.681
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			93.226								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	9	45.	137.222	435.	0.	28431.944	168.618	0.	17.5	307.5	435.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	9	1.653	1.642	2.638	0.	0.763	0.873	0.	1.088	2.477	2.638
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			43.811								

** - Less than 9 observations ## - Computed 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 OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	3	20.5	20.167	21.	19.	1.083	1.041	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	3	210.	195.667	337.	40.	22206.333	149.018	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	3	2.322	2.151	2.528	1.602	0.236	0.486	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			141.461								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	2	390.	390.	765.	15.	281250.	530.33	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	2	2.03	2.03	2.884	1.176	1.458	1.207	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			107.121								

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Annual Analysis for 1993 - Station OZAR0044

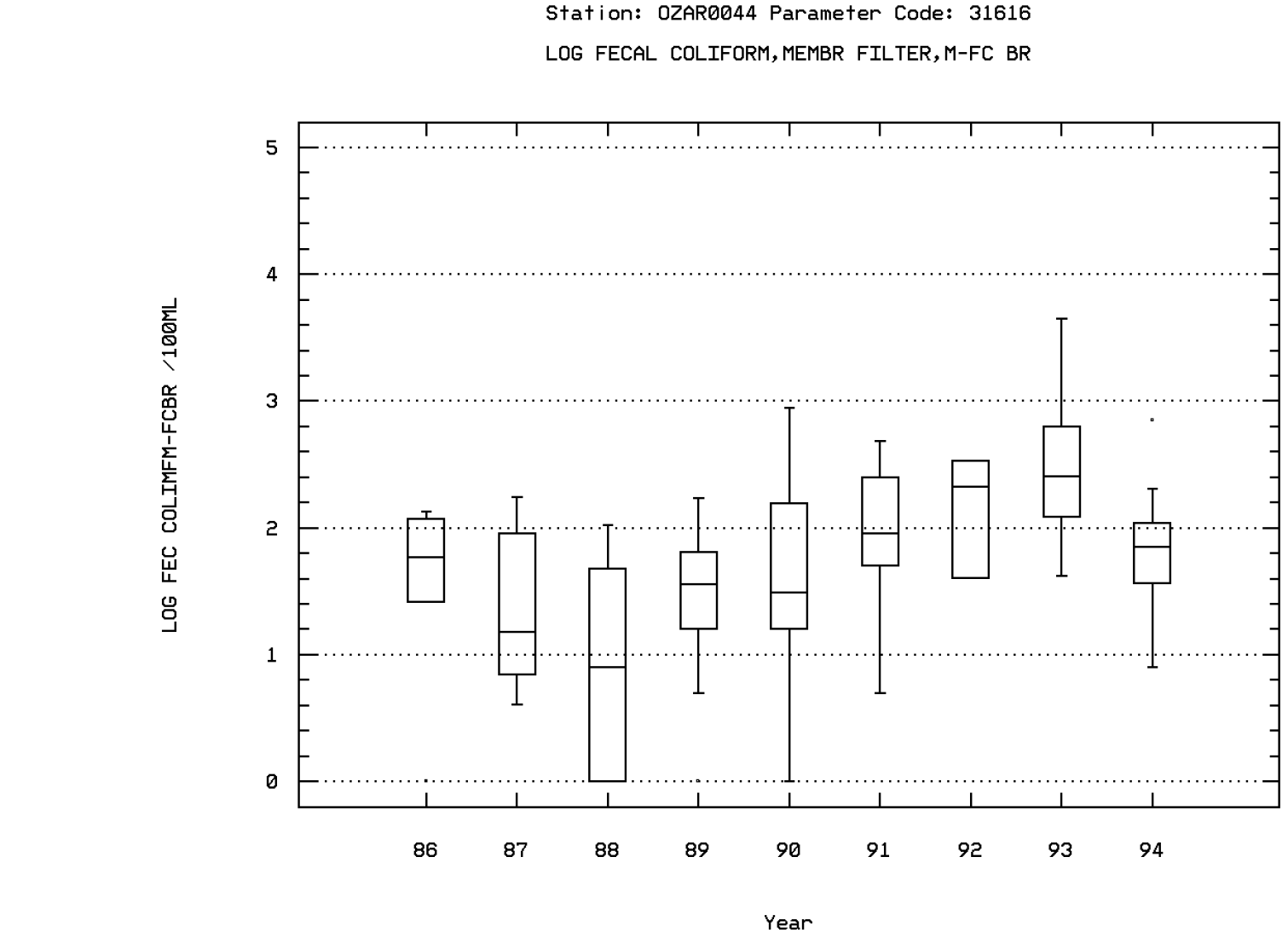
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	14	19.5	19.571	21.	16.	1.802	1.342	17.5	19.	21.	21.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	12	257.	681.833	4450.	42.	1486683.061	1219.296	59.4	113.25	767.5	3379.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	12	2.41	2.479	3.648	1.623	0.288	0.536	1.736	2.048	2.87	3.437
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			300.997								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	12	182.5	327.917	1860.	40.	242406.629	492.348	47.5	131.25	288.75	1416.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	12	2.26	2.29	3.27	1.602	0.172	0.415	1.665	2.118	2.461	3.063
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			195.043								

** - Less than 9 observations ## - Computed 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 OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	14	19.7	19.507	20.8	17.8	0.762	0.873	18.15	18.7	20.225	20.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	16	71.	113.438	705.	8.	27558.929	166.009	15.	35.75	117.5	355.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	16	1.85	1.814	2.848	0.903	0.205	0.453	1.15	1.553	2.067	2.473
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			65.202								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	15	130.	161.333	560.	15.	23012.381	151.698	18.	50.	200.	470.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	15	2.114	2.02	2.748	1.176	0.202	0.45	1.251	1.699	2.301	2.667
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			104.689								

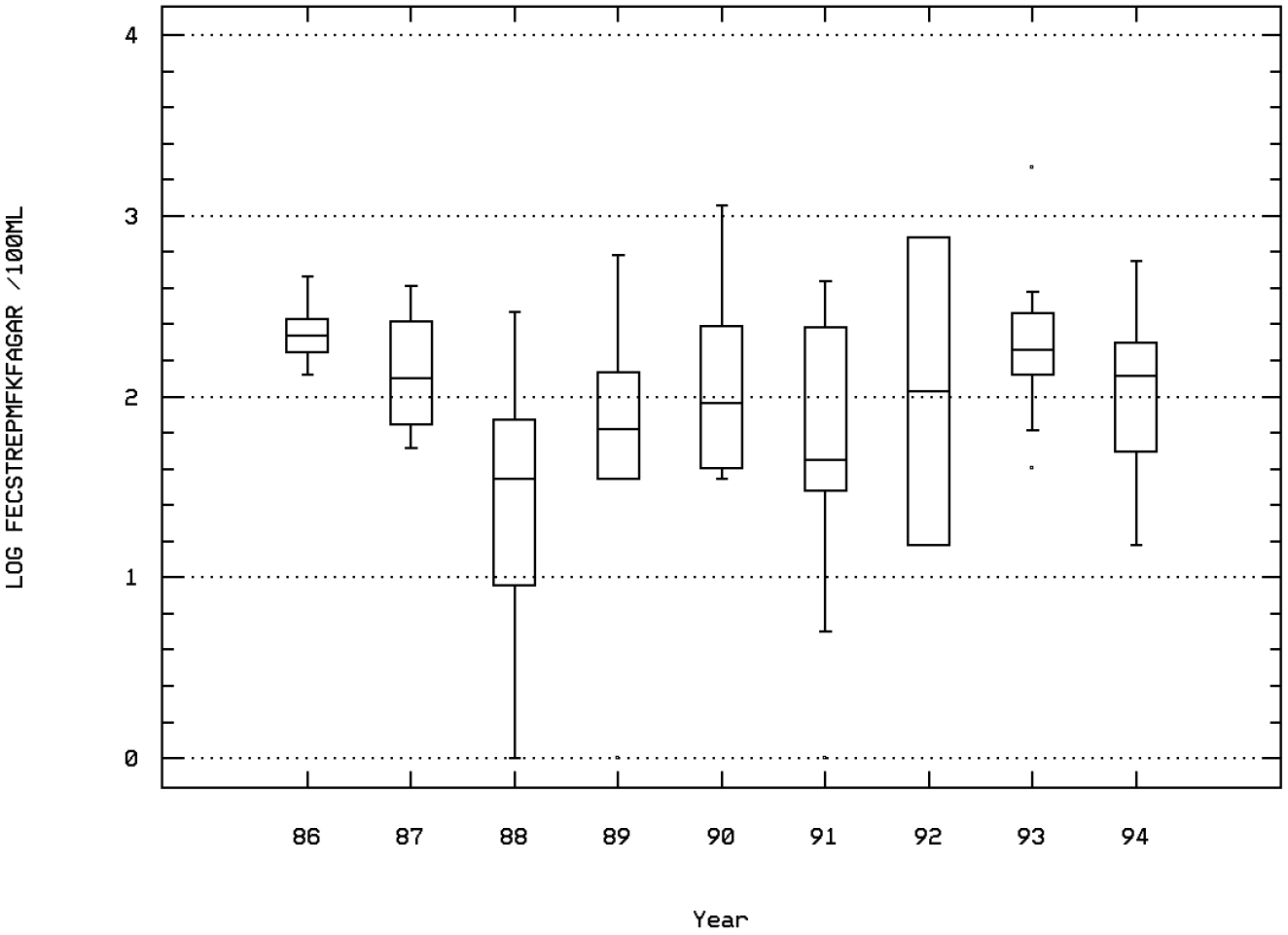
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



EMINENCE - BELOW TRAIL RIDES (HORSE CAM

Station: OZAR0044 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



EMINENCE - BELOW TRAIL RIDES (HORSE CAM

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	27	19.	18.819	23.	12.9	6.152	2.48	14.12	18.4	20.5	21.14
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	19	25.	23.532	27.2	16.5	10.595	3.255	17.7	22.	26.	27.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	24	330.	323.667	420.	245.	1099.884	33.164	275.	308.75	338.25	347.5
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	19	7.96	7.976	8.4	7.5	0.065	0.254	7.6	7.84	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	19	7.96	7.906	8.4	7.5	0.07	0.264	7.6	7.84	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	19	0.011	0.012	0.032	0.004	0.	0.008	0.004	0.006	0.014	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	19	176.	176.053	192.	165.	52.164	7.222	167.	170.	182.	185.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	18	0.008	0.01	0.024	0.006	0.	0.005	0.006	0.007	0.012	0.018
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	27	65.	272.037	4450.	5.	717273.345	846.92	9.	25.	175.	350.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	27	1.813	1.827	3.648	0.699	0.425	0.652	0.94	1.398	2.243	2.504
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			67.218								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	25	80.	246.	1860.	5.	150843.75	388.386	19.	37.5	387.5	582.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	25	1.903	2.006	3.27	0.699	0.378	0.615	1.239	1.573	2.588	2.751
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			101.368								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	9	8.5	9.644	15.2	7.9	5.845	2.418	7.9	8.15	10.9	15.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	9	11.9	11.844	16.2	6.7	10.218	3.197	6.7	8.8	14.3	16.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	8	282.5	289.375	350.	240.	1295.982	36.	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	8	7.835	7.886	8.2	7.75	0.021	0.144	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	8	7.834	7.868	8.2	7.75	0.021	0.145	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	8	0.015	0.014	0.018	0.006	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	9	146.	152.667	185.	110.	888.5	29.808	110.	126.5	184.5	185.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	4	0.007	0.007	0.009	0.004	0.	0.002	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	9	20.	158.778	880.	1.	92534.944	304.196	1.	5.	241.5	880.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	9	1.301	1.366	2.944	0.	0.899	0.948	0.	0.699	2.16	2.944
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.249								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	9	35.	211.111	1140.	0.	141133.861	375.678	0.	3.	335.	1140.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	9	1.544	1.433	3.057	0.	1.241	1.114	0.	0.349	2.522	3.057
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			27.123								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/86-09/06/94	47	20.	19.874	22.	16.	1.466	1.211	18.46	19.	21.	21.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	33	25.5	25.836	33.	22.	8.142	2.853	23.	23.	27.7	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	36	300.	291.944	340.	176.	1414.283	37.607	220.5	282.5	314.5	326.5
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	30	7.99	7.996	8.3	7.1	0.06	0.244	7.751	7.9	8.185	8.3
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	30	7.99	7.904	8.3	7.1	0.069	0.262	7.751	7.9	8.185	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	30	0.01	0.012	0.079	0.005	0.	0.013	0.005	0.007	0.013	0.018
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	33	158.	156.485	185.	86.	312.633	17.681	135.2	150.	168.	174.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	29	0.009	0.01	0.019	0.006	0.	0.003	0.007	0.008	0.012	0.017
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	49	59.	127.612	880.	0.	37825.326	194.487	0.	15.	145.5	410.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/86-09/06/94	49	1.771	1.634	2.944	0.	0.596	0.772	0.	1.176	2.163	2.613
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.071								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	48	120.	140.333	610.	0.	17410.865	131.95	11.8	40.	194.25	270.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/86-09/06/94	48	2.078	1.913	2.785	0.	0.299	0.547	1.071	1.602	2.288	2.432
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			81.819								

** - 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 box-and-whisker plot

Station Inventory for Station: OZAR0045

NPS Station ID: OZAR0045 LAT/LON: 37.186088/ -91.341837 Agency: 21MO0001 Date Created: 11/16/84
Location: T29N,R4W,SEC.24,NW1/4,FOREST RD 2 M. SE EMINENCE FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008043B
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: JACK'S FORK RIVER ECO Region:
RF1 Index: 11010008 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 11010008003407.13 RF3 Mile Point: 7.24 Distance from RF3: 0.02 On/Off RF3:
Description:
COUNTY: SHANNON CITY: EMINENCE ESTABLISHED FOR: JACK'S FORK WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/17/73-10/17/73	1	56.3	56.3	56.3	56.3	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/17/73-10/17/73	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	1	435.	435.	435.	435.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-10/17/73	1	318.	318.	318.	318.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/17/73-10/17/73	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/73-10/17/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/73-10/17/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-10/17/73	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-10/17/73	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/73-10/17/73	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-10/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/17/73-10/17/73	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/17/73-10/17/73	1	2.041	2.041	2.041	2.041	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			110.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/17/73-10/17/73	1	220.	220.	220.	220.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/17/73-10/17/73	1	2.342	2.342	2.342	2.342	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			220.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/17/73-10/17/73	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: OZAR0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0046

NPS Station ID: OZAR0046 | LAT/LON: 37.150837/ -91.348060 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: EMINENCE - JACKS FORK CAMPGROUND | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): EMJF
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED AT THE RIVER ACCESS FOR JACKS FORK CAMPGROUND ABOUT .5 MILES DOWNSTREAM FROM THE HIGHWAY 19 BRIDGE AT EMINENCE. THIS SITE

Parameter Inventory for Station: OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	89	19.5	18.94	29.	8.5	9.422	3.07	14.8	18.7	20.65	21.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	57	25.	24.528	36.	11.9	26.72	5.169	15.08	21.6	28.	30.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/22/88-09/06/94	56	311.5	302.679	350.	210.	1196.331	34.588	247.	290.5	325.	341.5
00300	OXYGEN, DISSOLVED MG/L	07/02/83-09/06/94	7	9.	8.914	10.1	8.1	0.428	0.654	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/87-09/06/94	46	7.925	7.92	8.3	7.3	0.061	0.247	7.57	7.793	8.1	8.23
00400	CONVERTED PH (STANDARD UNITS)	06/16/87-09/06/94	46	7.925	7.844	8.3	7.3	0.067	0.259	7.57	7.792	8.1	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/87-09/06/94	46	0.012	0.014	0.05	0.005	0.	0.01	0.006	0.008	0.016	0.027
00406	PH, FIELD, STANDARD UNITS SU	08/11/86-08/24/93	18	7.815	7.861	8.4	7.47	0.062	0.249	7.515	7.673	8.1	8.139
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/11/86-08/24/93	18	7.815	7.797	8.4	7.47	0.066	0.258	7.515	7.672	8.1	8.139
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/86-08/24/93	18	0.015	0.016	0.034	0.004	0.	0.009	0.007	0.008	0.021	0.031
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/87-09/06/94	53	165.	163.264	192.	82.	365.044	19.106	146.	157.	174.5	184.2
00600	NITROGEN, TOTAL (MG/L AS N)	10/26/88-09/06/94	46	0.43	0.423	0.56	0.27	0.005	0.072	0.327	0.36	0.48	0.513
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-09/06/94	47	0.008	0.009	0.027	0.005	0.	0.003	0.006	0.007	0.01	0.012
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	91	53.	111.286	1640.	0.	50957.517	225.738	10.4	25.	100.	184.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	91	1.724	1.654	3.215	0.	0.379	0.616	1.016	1.398	2.	2.266
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			45.104								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	73	50.	93.849	665.	0.	16071.519	126.773	10.	20.	110.	271.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	73	1.699	1.668	2.823	0.	0.307	0.554	1.	1.301	2.041	2.432
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			46.53								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/09/88-09/06/94	42	0.7	0.898	3.6	0.2	0.391	0.626	0.4	0.6	1.125	1.4

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

EPA Water Quality Criteria Analysis for Station: OZAR0046

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-4/20----------			----------4/21-7/31----------			----------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.	7	0	0.00	4	0	0.00				3	0	0.00			

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

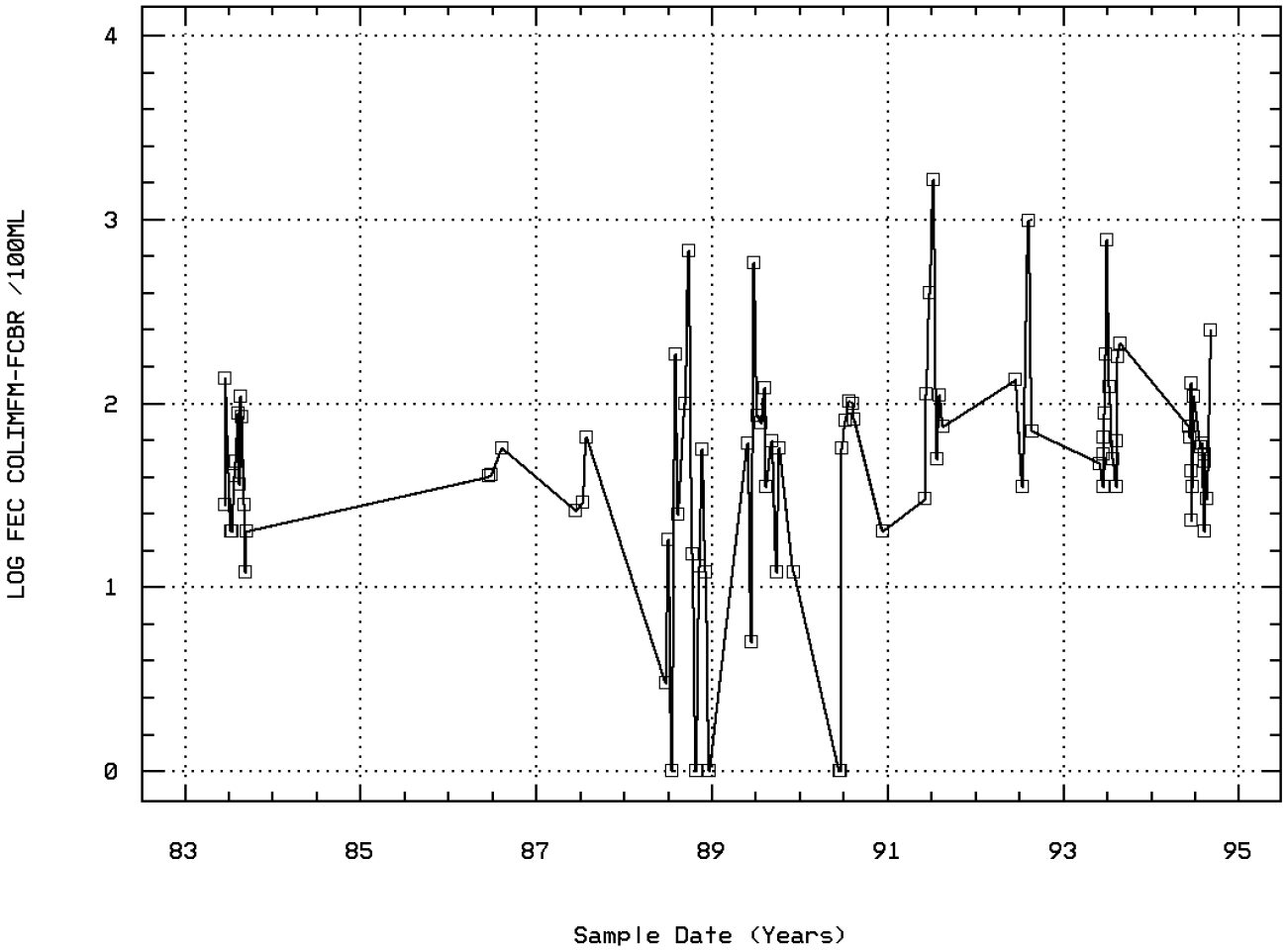
EPA Water Quality Criteria Analysis for Station: OZAR0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	46	0	0.00	18	0	0.00	5	0	0.00	23	0	0.00			
		Other-Lo Lim.	6.5	46	0	0.00	18	0	0.00	5	0	0.00	23	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	18	0	0.00	4	0	0.00				14	0	0.00			
		Other-Lo Lim.	6.5	18	0	0.00	4	0	0.00				14	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	91	8	0.09	36	4	0.11	6	0	0.00	49	4	0.08			

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

Station: OZAR0046 Parameter Code: 31616

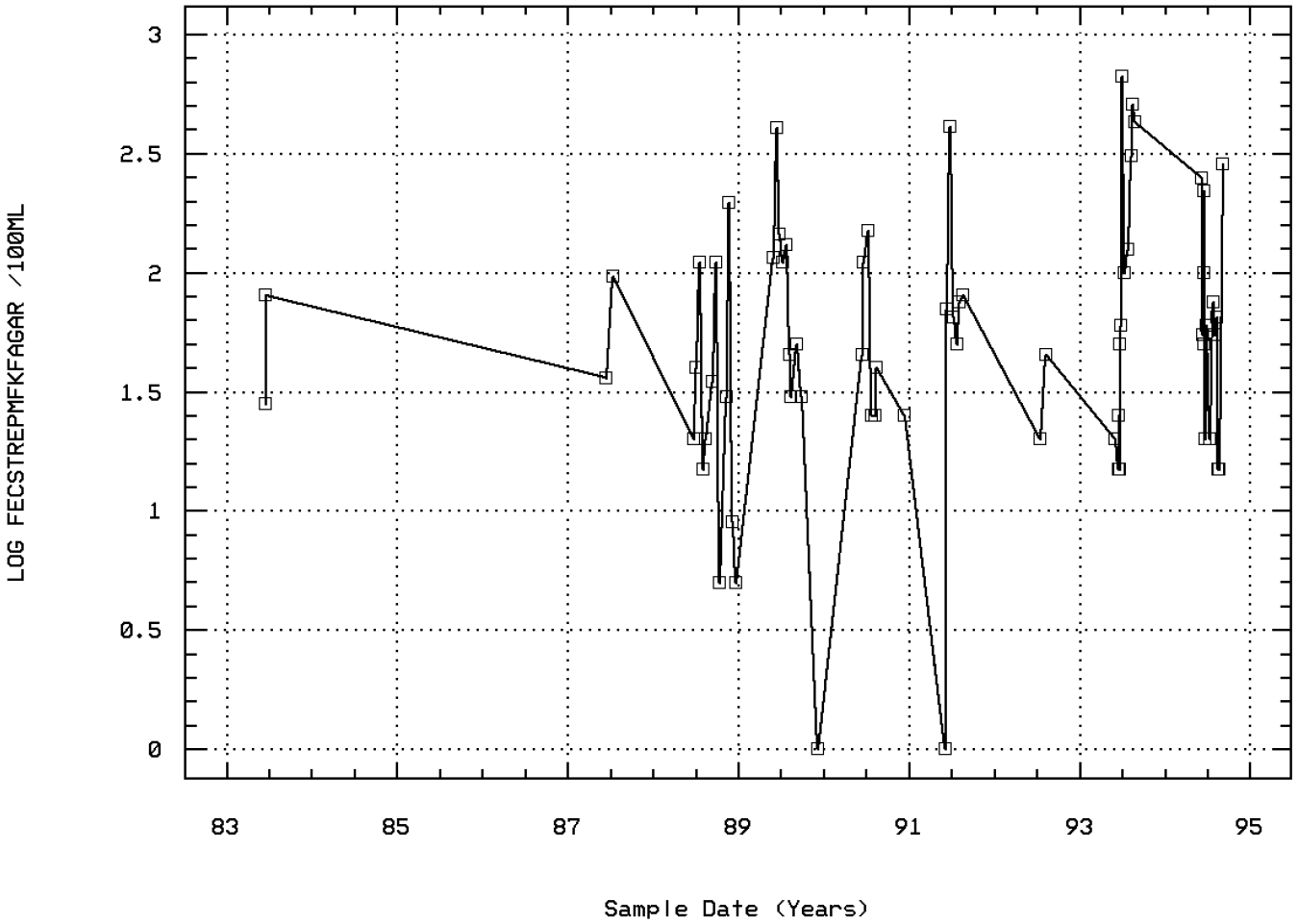
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



EMINENCE - JACKS FORK CAMPGROUND

Station: OZAR0046 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



EMINENCE - JACKS FORK CAMPGROUND

Annual Analysis for 1983 - Station OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	13	21.1	20.623	21.7	18.3	1.275	1.129	18.54	19.85	21.4	21.7
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	36.	51.385	136.	12.	1562.256	39.525	15.2	20.	86.	124.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	1.556	1.596	2.134	1.079	0.108	0.328	1.168	1.301	1.934	2.093
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.473								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	54.	54.	80.	28.	1352.	36.77	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	1.675	1.675	1.903	1.447	0.104	0.322	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			47.329								

** - Less than 9 observations ## - Computed 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 OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	3	21.	20.7	21.1	20.	0.37	0.608	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	41.	46.	57.	40.	91.	9.539	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	1.613	1.657	1.756	1.602	0.007	0.086	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			45.384								

** - Less than 9 observations ## - Computed 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 OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	2	19.	19.	19.	19.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	29.	40.	65.	26.	471.	21.703	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	1.462	1.563	1.813	1.415	0.047	0.217	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			36.596								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	66.	66.	96.	36.	1800.	42.426	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	1.769	1.769	1.982	1.556	0.091	0.301	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			58.788								

** - Less than 9 observations ## - Computed 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 OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	12	18.7	16.5	22.	8.5	25.302	5.03	8.74	11.975	21.	21.7
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	15.	84.923	678.	0.	34504.244	185.753	0.	2.	78.	480.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	1.176	1.18	2.831	0.	0.803	0.896	0.	0.239	1.874	2.604
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.139								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	13	20.	46.615	197.	5.	3311.756	57.548	5.	9.5	75.	162.2
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	13	1.301	1.395	2.294	0.699	0.258	0.508	0.699	0.977	1.822	2.193
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			24.813								

** - Less than 9 observations ## - Computed 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 OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	11	18.7	17.373	21.1	8.8	11.748	3.428	9.98	14.8	19.3	20.8
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	60.	100.545	580.	5.	26513.673	162.83	6.4	12.	85.	488.

** - Less than 9 observations ## - Computed 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 OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	11	1.778	1.672	2.763	0.699	0.317	0.563	0.775	1.079	1.929	2.627
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			46.989								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	50.	97.273	405.	0.	12961.818	113.85	2.	30.	130.	353.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	11	1.699	1.663	2.607	0.	0.492	0.701	0.2	1.477	2.114	2.518
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			46.009								

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Annual Analysis for 1990 - Station OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	8	19.	18.775	29.	8.6	30.476	5.521	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	8	68.5	55.125	102.	0.	1838.125	42.873	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	8	1.829	1.36	2.009	0.	0.756	0.869	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.925								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	8	32.5	53.75	150.	10.	2441.071	49.407	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	8	1.5	1.583	2.176	1.	0.144	0.38	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			38.311								

** - Less than 9 observations ## - Computed 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 OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	7	19.	18.971	20.	17.	1.122	1.059	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	7	110.	344.857	1640.	30.	341398.81	584.293	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	7	2.041	2.136	3.215	1.477	0.348	0.59	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			136.926								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	7	70.	107.143	410.	0.	18565.476	136.255	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	7	1.845	1.678	2.613	0.	0.638	0.798	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			47.673								

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Annual Analysis for 1992 - Station OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	4	20.	20.	21.	19.	0.667	0.816	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	102.5	305.	980.	35.	204216.667	451.903	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	1.988	2.128	2.991	1.544	0.389	0.623	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			134.178								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	32.5	32.5	45.	20.	312.5	17.678	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	1.477	1.477	1.653	1.301	0.062	0.249	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			30.								

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Annual Analysis for 1993 - Station OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	15	19.5	19.5	21.	16.	1.821	1.35	17.2	19.	21.	21.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	65.	146.308	770.	35.	38834.397	197.064	35.	48.5	182.5	546.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	1.813	1.965	2.886	1.544	0.149	0.386	1.544	1.686	2.261	2.661
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			92.352								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	13	60.	180.	665.	15.	49629.167	222.776	15.	17.5	370.	603.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	13	1.778	1.881	2.823	1.176	0.389	0.624	1.176	1.239	2.562	2.777
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			76.08								

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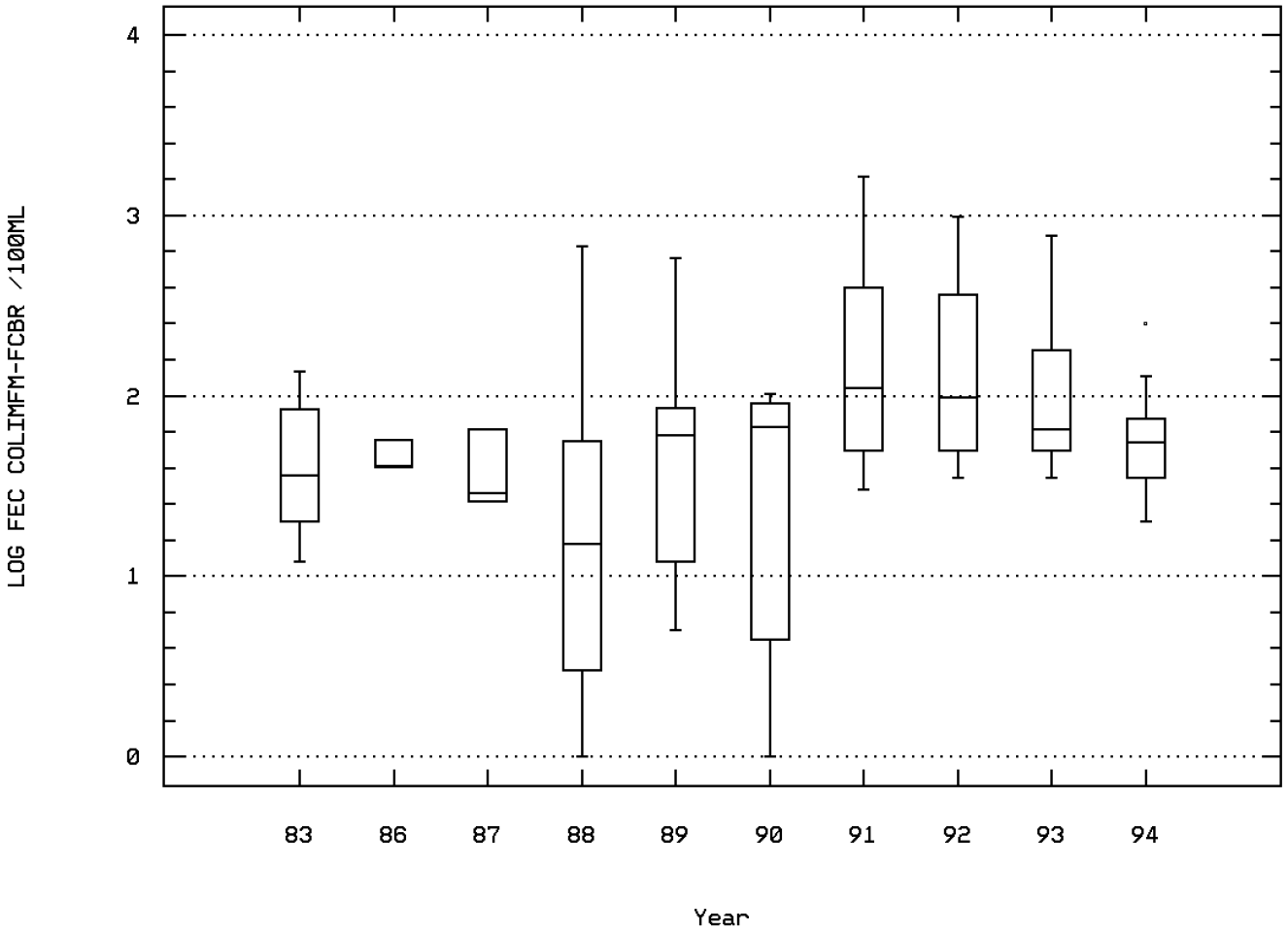
Annual Analysis for 1994 - Station OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	14	19.95	19.493	20.7	17.7	0.882	0.939	17.85	18.775	20.225	20.55
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	16	50.5	63.375	248.	10.	3487.983	59.059	10.	24.75	72.5	164.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	16	1.703	1.655	2.394	1.	0.141	0.375	1.	1.391	1.86	2.193
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			45.235								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	15	60.	90.	285.	15.	7721.429	87.872	15.	20.	100.	264.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	15	1.778	1.774	2.455	1.176	0.172	0.415	1.176	1.301	2.	2.421
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			59.413								

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Station: OZAR0046 Parameter Code: 31616

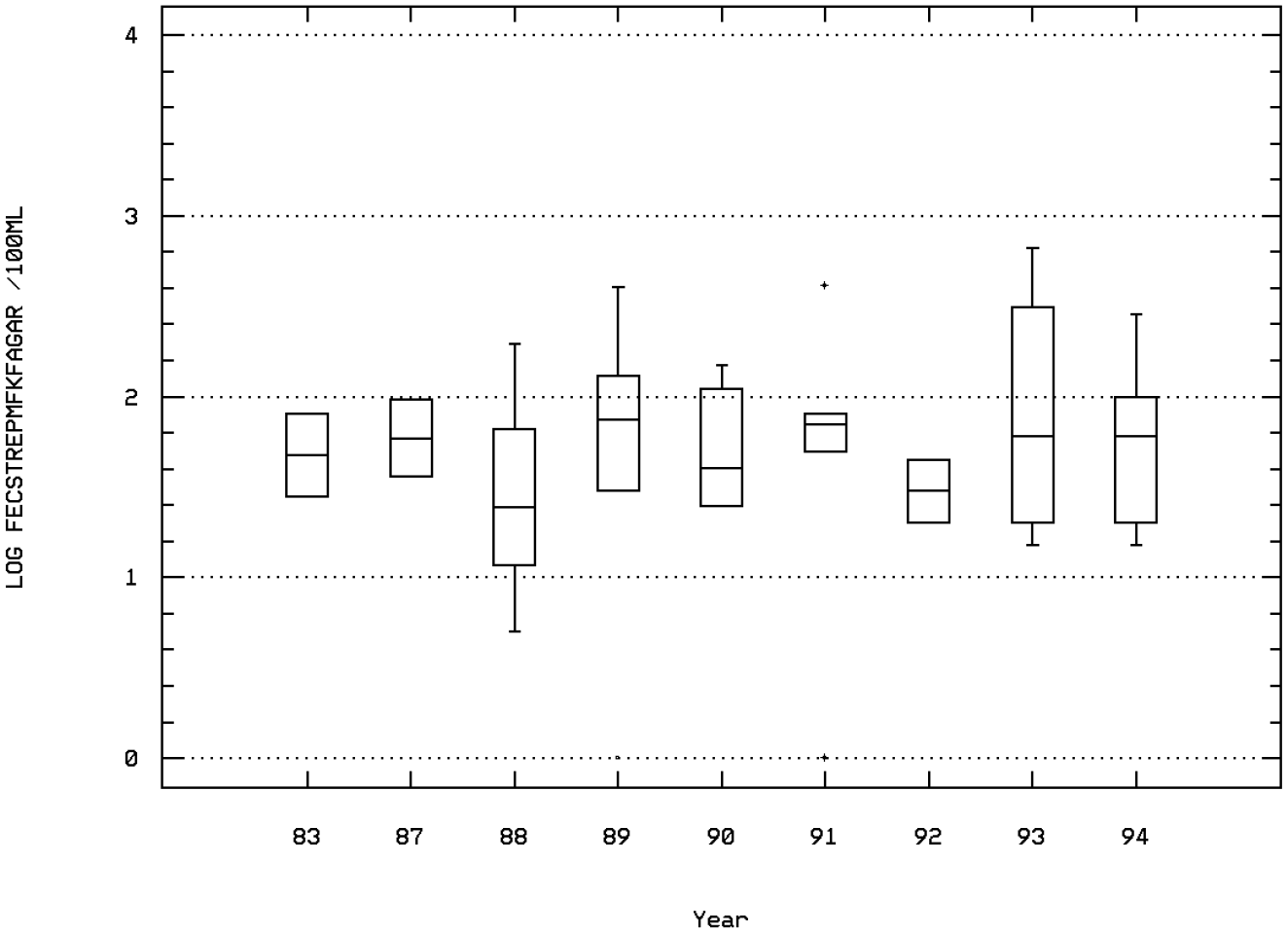
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



EMINENCE - JACKS FORK CAMPGROUND

Station: OZAR0046 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



EMINENCE - JACKS FORK CAMPGROUND

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	33	19.	18.712	21.7	13.1	4.841	2.2	14.74	17.85	20.25	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	21	24.6	24.371	36.	15.	25.266	5.027	16.92	20.3	28.	29.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/22/88-09/06/94	23	325.	319.826	350.	240.	732.423	27.063	272.	315.	340.	348.
00400	PH (STANDARD UNITS)	06/16/87-09/06/94	18	7.935	7.937	8.3	7.5	0.041	0.202	7.59	7.875	8.025	8.21
00400	CONVERTED PH (STANDARD UNITS)	06/16/87-09/06/94	18	7.935	7.891	8.3	7.5	0.043	0.207	7.59	7.875	8.025	8.21
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/87-09/06/94	18	0.012	0.013	0.032	0.005	0.	0.007	0.006	0.009	0.013	0.026
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/87-09/06/94	18	173.	175.222	192.	164.	53.948	7.345	165.8	170.5	179.25	186.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-09/06/94	18	0.008	0.008	0.012	0.006	0.	0.002	0.006	0.007	0.009	0.011
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	36	61.	113.694	980.	0.	35623.018	188.741	12.	28.5	106.	221.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	36	1.785	1.747	2.991	0.	0.291	0.539	1.079	1.455	2.025	2.344
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.865								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	25	45.	95.	510.	5.	18558.333	136.229	10.	17.5	77.5	358.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	25	1.653	1.66	2.708	0.699	0.269	0.518	1.	1.239	1.889	2.548
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			45.73								

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Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	5	8.8	9.36	11.6	8.5	1.663	1.29	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	5	13.	13.5	15.1	11.9	1.925	1.387	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/22/88-09/06/94	5	295.	292.	345.	240.	1582.5	39.781	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/87-09/06/94	5	7.8	7.834	8.1	7.7	0.024	0.155	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/87-09/06/94	5	7.8	7.815	8.1	7.7	0.024	0.156	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/87-09/06/94	5	0.016	0.015	0.02	0.008	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/87-09/06/94	6	156.5	152.333	185.	110.	1091.067	33.031	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-09/06/94	3	0.007	0.008	0.011	0.007	0.	0.002	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	12.5	19.	56.	1.	365.6	19.121	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	1.097	1.054	1.748	0.	0.332	0.576	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.313								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	6	17.	44.333	197.	0.	5729.467	75.693	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	6	1.176	1.137	2.294	0.	0.608	0.78	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			13.713								

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Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	51	20.	20.027	29.	16.	2.934	1.713	18.8	19.	21.	21.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	31	26.	26.413	33.	21.	8.818	2.969	23.	24.	28.	31.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/22/88-09/06/94	28	300.	290.5	330.	210.	1180.333	34.356	223.5	275.	318.75	325.5
00400	PH (STANDARD UNITS)	06/16/87-09/06/94	23	7.92	7.926	8.3	7.3	0.087	0.296	7.38	7.77	8.18	8.3
00400	CONVERTED PH (STANDARD UNITS)	06/16/87-09/06/94	23	7.92	7.817	8.3	7.3	0.1	0.316	7.38	7.77	8.18	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/87-09/06/94	23	0.012	0.015	0.05	0.005	0.	0.013	0.005	0.007	0.017	0.043
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/87-09/06/94	29	160.	158.103	192.	82.	305.239	17.471	146.	154.5	165.	168.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-09/06/94	26	0.008	0.009	0.027	0.005	0.	0.004	0.006	0.007	0.01	0.012
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	49	50.	120.816	1640.	0.	68370.486	261.478	5.	28.5	95.	185.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	49	1.699	1.659	3.215	0.	0.413	0.643	0.699	1.455	1.977	2.267
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			45.654								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	42	60.	100.238	665.	0.	16259.6	127.513	15.	23.75	111.25	241.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	42	1.778	1.748	2.823	0.	0.259	0.509	1.176	1.374	2.046	2.381
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			55.978								

** - 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

Station Inventory for Station: OZAR0047

NPS Station ID: OZAR0047 | LAT/LON: 37.154727/ -91.358616 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: EMINENCE - 19 BRIDGE | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): EMBR
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED UPSTREAM FROM HIGHWAY 19 BRIDGE ON THE JACKS FORK AT EMINENCE.

Parameter Inventory for Station: OZAR0047

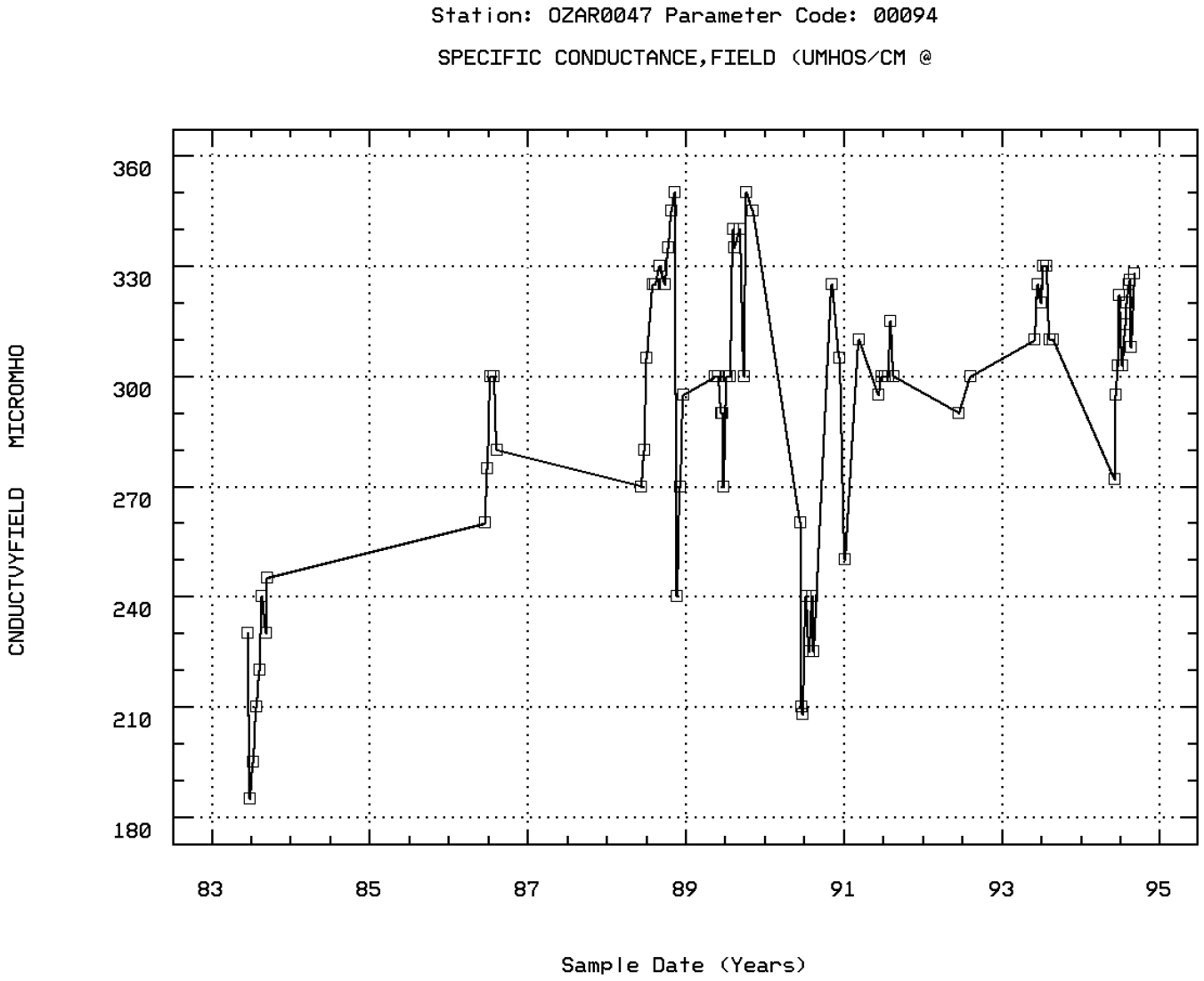
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	104	19.	18.13	22.8	7.1	10.457	3.234	12.75	17.925	20.	20.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	65	24.2	22.858	33.	1.3	44.017	6.635	12.86	20.	26.9	30.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	76	300.	290.447	350.	185.	1635.797	40.445	225.	270.	324.25	335.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/06/94	10	8.95	8.88	10.2	7.4	0.917	0.958	7.41	8.175	9.625	10.18
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	65	7.9	7.87	8.8	7.	0.101	0.318	7.46	7.785	8.065	8.2
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	65	7.9	7.742	8.8	7.	0.118	0.343	7.46	7.785	8.065	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	65	0.013	0.018	0.1	0.002	0.	0.018	0.006	0.009	0.016	0.035
00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	19	7.83	7.825	8.16	7.46	0.04	0.201	7.53	7.63	8.03	8.09
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/08/91-08/24/93	19	7.83	7.781	8.16	7.46	0.042	0.206	7.53	7.63	8.03	8.09
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/91-08/24/93	19	0.015	0.017	0.035	0.007	0.	0.008	0.008	0.009	0.023	0.03
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	68	165.	161.074	192.	75.	388.995	19.723	139.9	153.25	173.75	180.5
00600p	NITROGEN, TOTAL (MG/L AS N)	06/16/83-09/06/94	58	0.39	0.382	0.57	0.07	0.014	0.117	0.19	0.34	0.46	0.502
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/83-07/28/86	10	0.17	0.185	0.325	0.07	0.009	0.097	0.071	0.103	0.29	0.325
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	51	0.007	0.007	0.018	0.002	0.	0.003	0.005	0.006	0.008	0.01
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	103	37.	61.427	808.	0.	9888.816	99.443	7.4	17.	67.	130.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	103	1.568	1.475	2.907	0.	0.333	0.577	0.868	1.23	1.826	2.114
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.872								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	91	45.	89.736	955.	0.	19091.974	138.174	5.2	25.	90.	198.4
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	91	1.653	1.617	2.98	0.	0.369	0.607	0.715	1.398	1.954	2.297
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			41.382								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/26/88-09/06/94	44	0.7	0.882	3.1	0.2	0.308	0.555	0.4	0.6	1.075	1.75

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

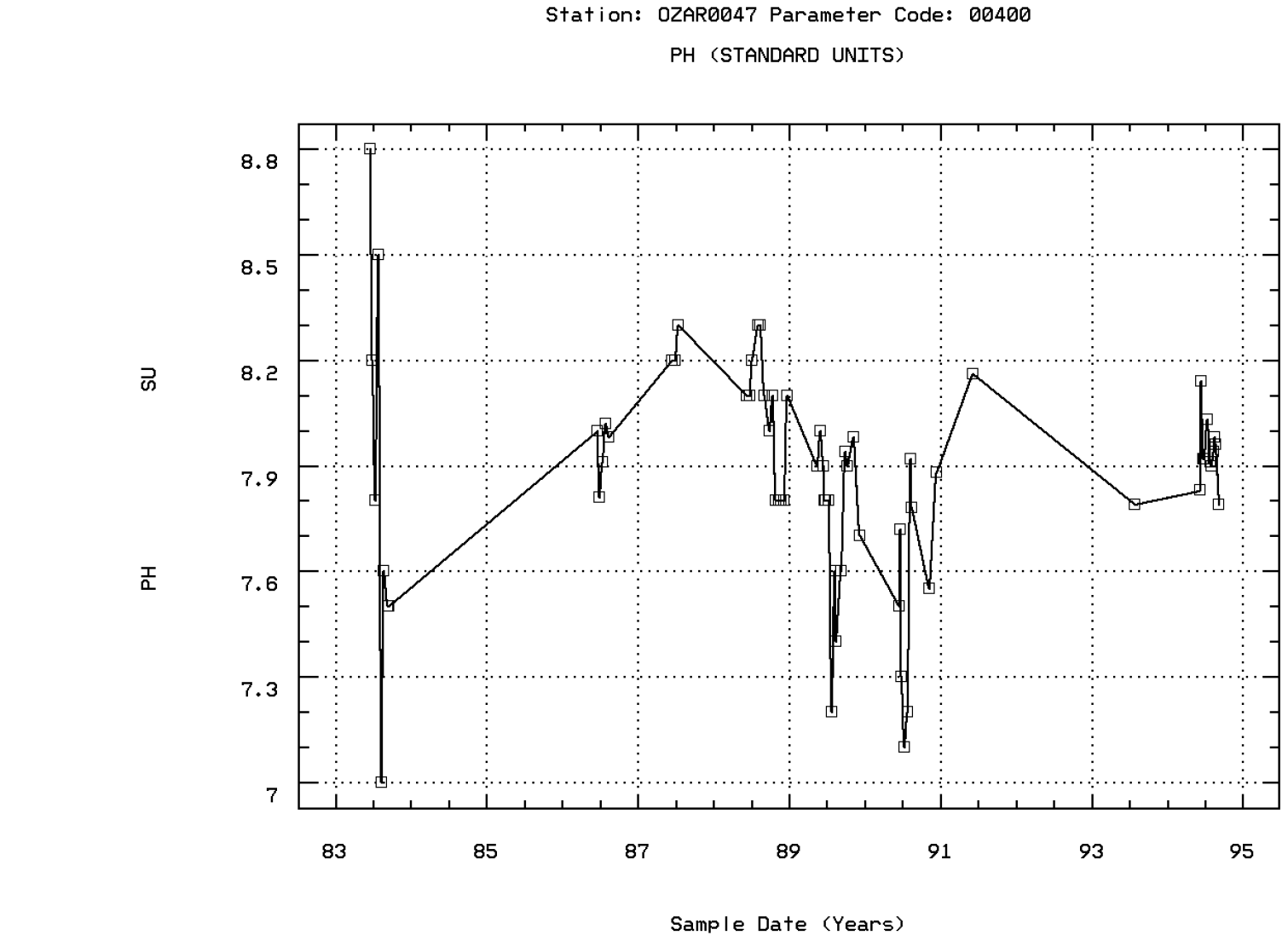
EPA Water Quality Criteria Analysis for Station: OZAR0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	5	0	0.00				5	0	0.00			
00400	PH	Other-Hi Lim.	9.	65	0	0.00	23	0	0.00	8	0	0.00	34	0	0.00			
		Other-Lo Lim.	6.5	65	0	0.00	23	0	0.00	8	0	0.00	34	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	19	0	0.00	4	0	0.00	2	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	19	0	0.00	4	0	0.00	2	0	0.00	13	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	3	0	0.00				7	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	103	6	0.06	36	3	0.08	10	0	0.00	57	3	0.05			

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



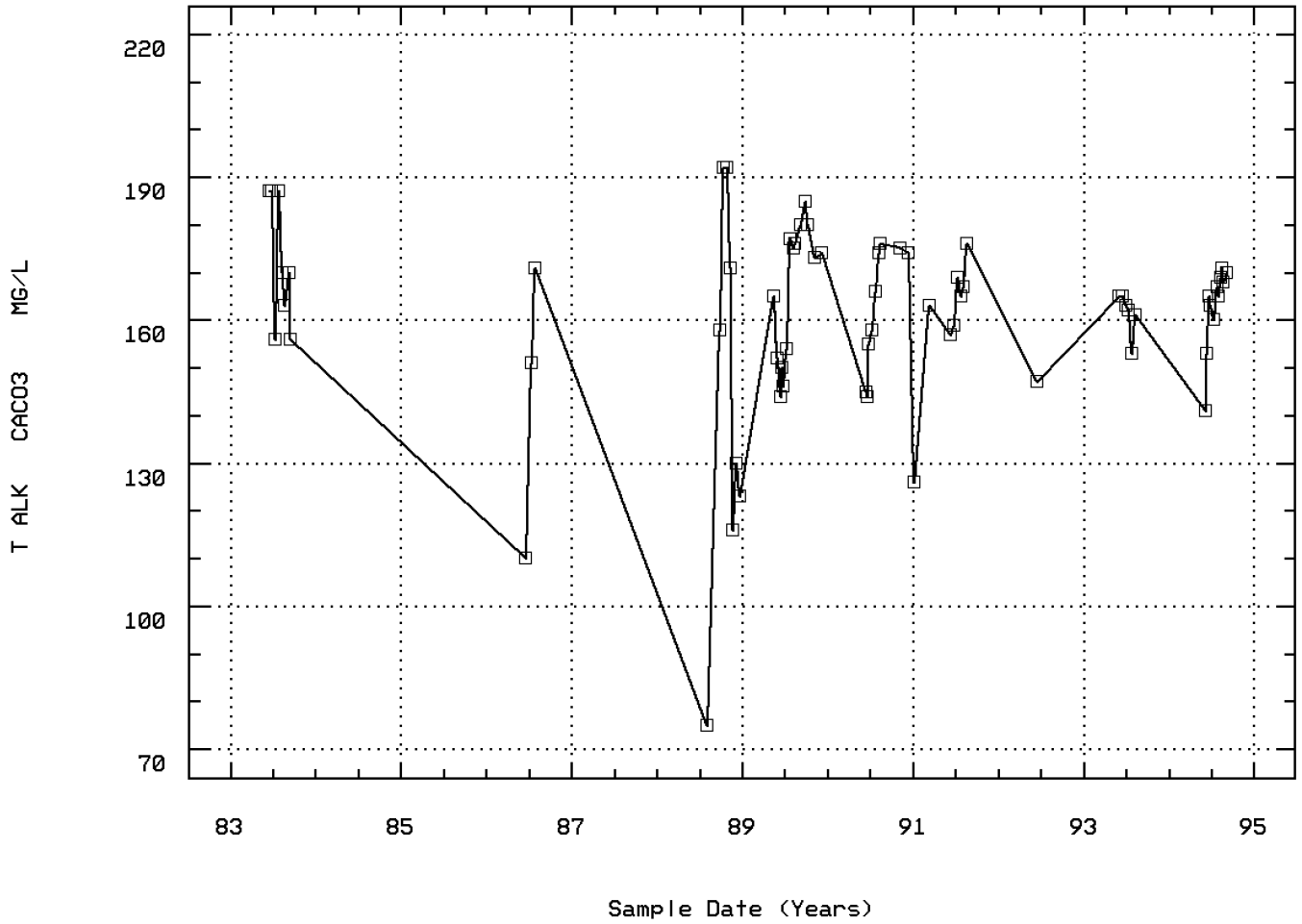
EMINENCE - 19 BRIDGE



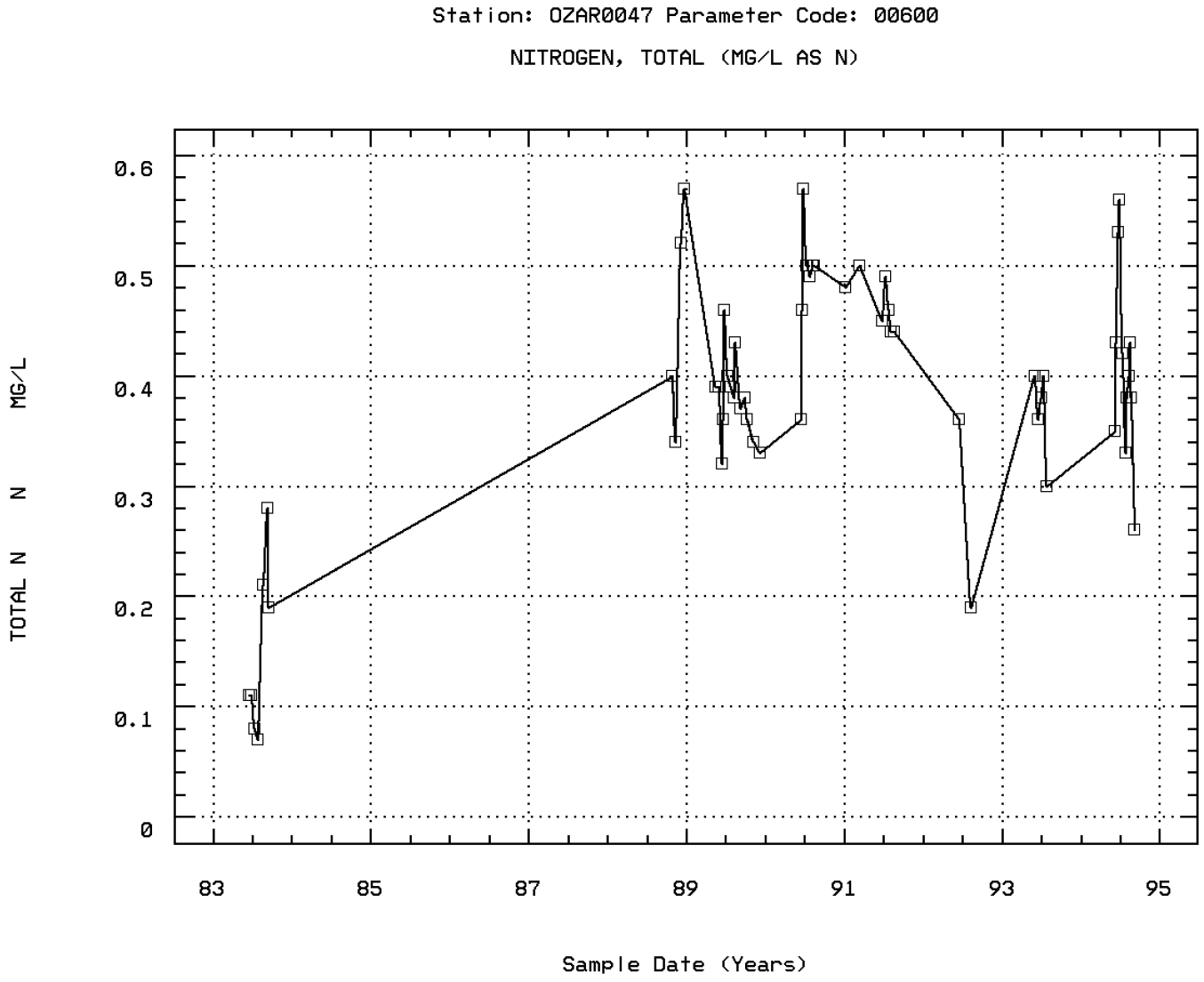
EMINENCE - 19 BRIDGE

Station: OZAR0047 Parameter Code: 00410

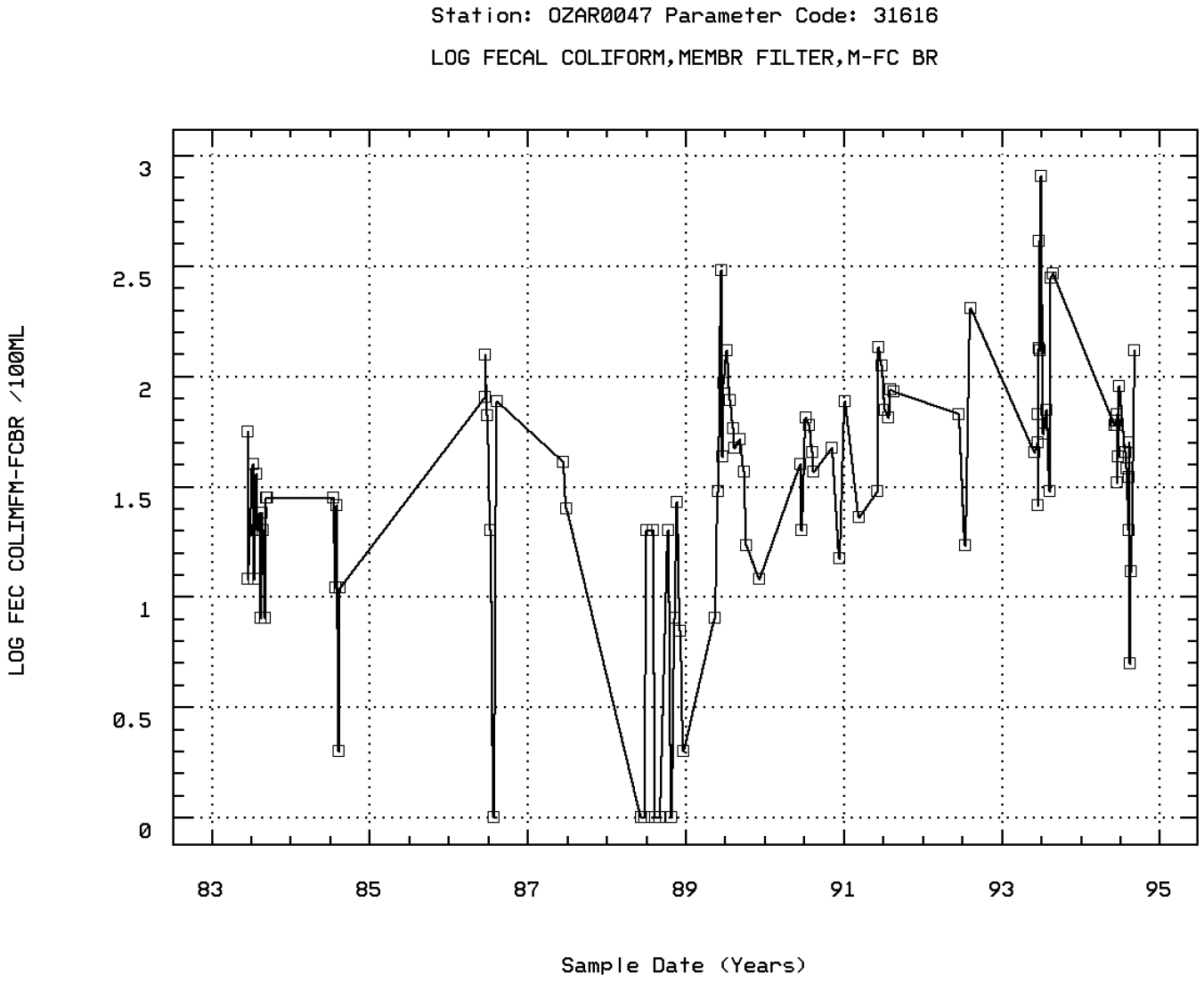
ALKALINITY, TOTAL (MG/L AS CACO3)



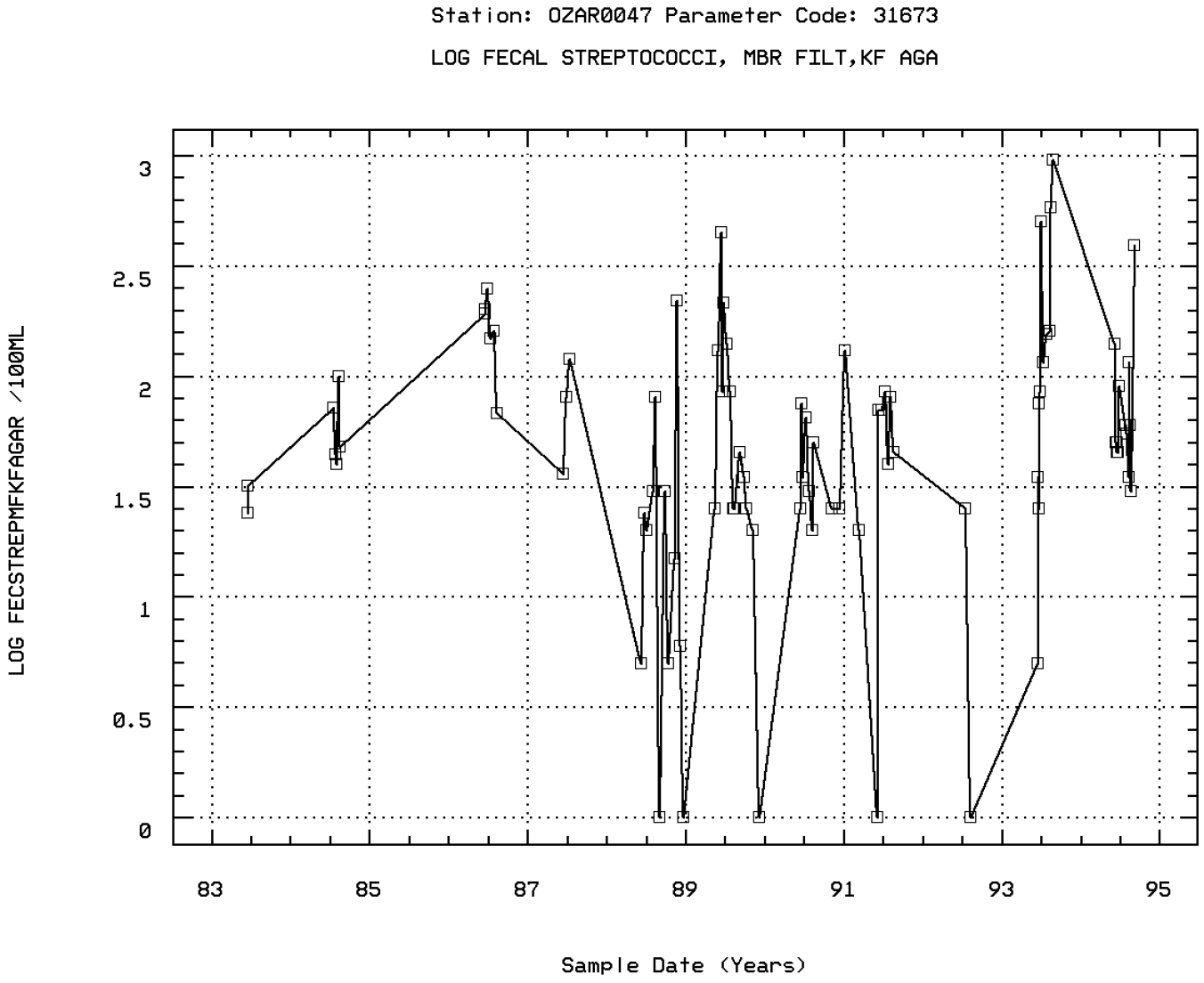
EMINENCE - 19 BRIDGE



EMINENCE - 19 BRIDGE



EMINENCE - 19 BRIDGE



EMINENCE - 19 BRIDGE

Annual Analysis for 1983 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	15	20.6	20.173	21.3	17.8	1.359	1.166	18.1	19.	21.1	21.18
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	8	225.	219.375	245.	185.	453.125	21.287	**	**	**	**
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	8	7.7	7.862	8.8	7.	0.354	0.595	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	8	7.689	7.57	8.8	7.	0.452	0.672	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	8	0.02	0.027	0.1	0.002	0.001	0.032	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	24.	24.308	56.	8.	190.564	13.804	8.	12.	32.	49.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	1.38	1.318	1.748	0.903	0.069	0.262	0.903	1.079	1.502	1.69
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.774								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	28.	28.	32.	24.	32.	5.657	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	1.443	1.443	1.505	1.38	0.008	0.088	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			27.713								

** - Less than 9 observations ## - Computed 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 OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	5	20.6	20.68	22.8	19.4	1.652	1.285	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	11.	15.6	28.	2.	122.3	11.059	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	1.041	1.049	1.447	0.301	0.213	0.462	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.199								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	48.	60.8	100.	40.	635.2	25.203	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	1.681	1.757	2.	1.602	0.028	0.167	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			57.124								

** - Less than 9 observations ## - Computed 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 OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	5	20.5	20.32	21.1	19.5	0.362	0.602	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	5	280.	283.	300.	260.	295.	17.176	**	**	**	**
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	5	7.98	7.944	8.02	7.81	0.007	0.086	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	5	7.98	7.937	8.02	7.81	0.007	0.086	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	5	0.01	0.012	0.015	0.01	0.	0.002	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	71.5	61.333	125.	0.	2027.867	45.032	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	1.853	1.501	2.097	0.	0.612	0.782	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.709								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	6	176.	169.333	248.	68.	3690.667	60.751	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	6	2.244	2.198	2.394	1.833	0.038	0.195	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			157.62								

** - Less than 9 observations ## - Computed 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 OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	2	18.	18.	18.	18.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	2	26.	26.	27.	25.	2.	1.414	**	**	**	**
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	3	8.2	8.233	8.3	8.2	0.003	0.058	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	3	8.2	8.231	8.3	8.2	0.003	0.058	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	3	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	25.	25.333	41.	10.	240.333	15.503	**	**	**	**

** - Less than 9 observations ## - Computed 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 OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	1.398	1.337	1.613	1.	0.097	0.311	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21.722								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	3	80.	78.667	120.	36.	1765.333	42.016	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	3	1.903	1.846	2.079	1.556	0.071	0.266	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			70.176								

** - Less than 9 observations ## - Computed 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 OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	13	16.7	14.954	20.	7.9	20.603	4.539	8.14	10.4	19.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	13	24.	21.869	33.	11.5	74.756	8.646	11.62	14.	31.	33.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	13	325.	307.308	350.	240.	1140.064	33.765	252.	275.	332.5	348.
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	13	8.1	8.038	8.3	7.8	0.034	0.185	7.8	7.8	8.15	8.3
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	13	8.1	8.002	8.3	7.8	0.036	0.189	7.8	7.8	8.15	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	13	0.008	0.01	0.016	0.005	0.	0.004	0.005	0.007	0.016	0.016
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	12	4.5	8.667	27.	0.	104.061	10.201	0.	0.	20.	24.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	12	0.573	0.615	1.431	0.	0.382	0.618	0.	0.	1.301	1.392
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.124								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	13	15.	34.154	219.	0.	3531.974	59.43	0.	5.	30.	163.4
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	13	1.176	1.095	2.34	0.	0.454	0.674	0.	0.699	1.477	2.166
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			12.437								

** - Less than 9 observations ## - Computed 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 OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	14	17.8	16.729	20.2	8.7	9.864	3.141	10.8	14.25	19.	19.65
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	14	24.1	21.757	27.6	12.5	24.341	4.934	12.8	18.075	25.775	27.1
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	13	300.	312.308	350.	270.	673.397	25.95	278.	295.	340.	348.
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	14	7.8	7.751	8.	7.2	0.054	0.232	7.3	7.6	7.91	7.99
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	14	7.8	7.683	8.	7.2	0.059	0.242	7.3	7.6	7.91	7.99
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	14	0.016	0.021	0.063	0.01	0.	0.015	0.01	0.012	0.025	0.051
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	14	45.	65.357	300.	8.	5755.632	75.866	9.	15.75	81.75	215.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	14	1.653	1.607	2.477	0.903	0.198	0.445	0.952	1.193	1.911	2.296
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			40.436								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	14	40.	93.214	450.	0.	14167.72	119.028	10.	25.	132.5	332.5
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	14	1.599	1.657	2.653	0.	0.4	0.632	0.651	1.398	2.122	2.493
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			45.369								

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

Annual Analysis for 1990 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	9	19.	16.644	20.	8.1	17.445	4.177	8.1	14.	19.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	9	25.2	22.244	32.	7.7	74.685	8.642	7.7	14.25	27.9	32.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	9	240.	248.667	325.	208.	1693.5	41.152	208.	217.5	282.5	325.
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	9	7.55	7.55	7.92	7.1	0.09	0.299	7.1	7.25	7.83	7.92
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	9	7.55	7.458	7.92	7.1	0.099	0.315	7.1	7.25	7.83	7.92
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	9	0.028	0.035	0.079	0.012	0.001	0.024	0.012	0.015	0.057	0.079

** - Less than 9 observations ## - Computed 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 OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	40.	37.667	65.	10.	373.	19.313	10.	17.5	53.5	65.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	1.602	1.507	1.813	1.	0.08	0.282	1.	1.239	1.725	1.813
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.143								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	30.	38.889	75.	20.	392.361	19.808	20.	25.	57.5	75.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	1.477	1.545	1.875	1.301	0.042	0.204	1.301	1.398	1.756	1.875
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			35.057								

** - 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 box-and-whisker plot

Annual Analysis for 1991 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	9	19.	16.567	19.2	7.1	18.15	4.26	7.1	14.4	19.	19.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	9	25.	22.633	31.	1.3	91.98	9.591	1.3	17.7	29.5	31.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	8	300.	296.25	315.	250.	391.071	19.776	**	**	**	**
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	1	8.16	8.16	8.16	8.16	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	1	8.16	8.16	8.16	8.16	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	77.	76.	135.	23.	1257.75	35.465	23.	47.5	99.5	135.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	1.886	1.826	2.13	1.362	0.063	0.252	1.362	1.645	1.994	2.13
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			66.951								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	70.	60.	130.	0.	1493.75	38.649	0.	30.	82.5	130.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	1.845	1.577	2.114	0.	0.404	0.636	0.	1.452	1.916	2.114
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			37.757								

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Annual Analysis for 1992 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	3	20.	20.333	21.	20.	0.333	0.577	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	3	27.	28.	33.	24.	21.	4.583	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	2	295.	295.	300.	290.	50.	7.071	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	67.	95.667	203.	17.	9265.333	96.257	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	1.826	1.788	2.307	1.23	0.291	0.54	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			61.377								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	12.5	12.5	25.	0.	312.5	17.678	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	0.699	0.699	1.398	0.	0.977	0.988	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			5.								

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Annual Analysis for 1993 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	15	19.	19.	20.	16.	1.286	1.134	16.6	19.	20.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	15	23.	23.8	29.	20.	5.743	2.396	20.6	23.	25.	28.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	7	320.	319.286	330.	310.	86.905	9.322	**	**	**	**
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	1	7.79	7.79	7.79	7.79	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	1	7.79	7.79	7.79	7.79	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	70.	184.385	808.	26.	49695.59	222.925	27.6	47.5	286.5	648.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	13	1.845	2.025	2.907	1.415	0.215	0.464	1.44	1.676	2.457	2.79

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Annual Analysis for 1993 - Station OZAR0047

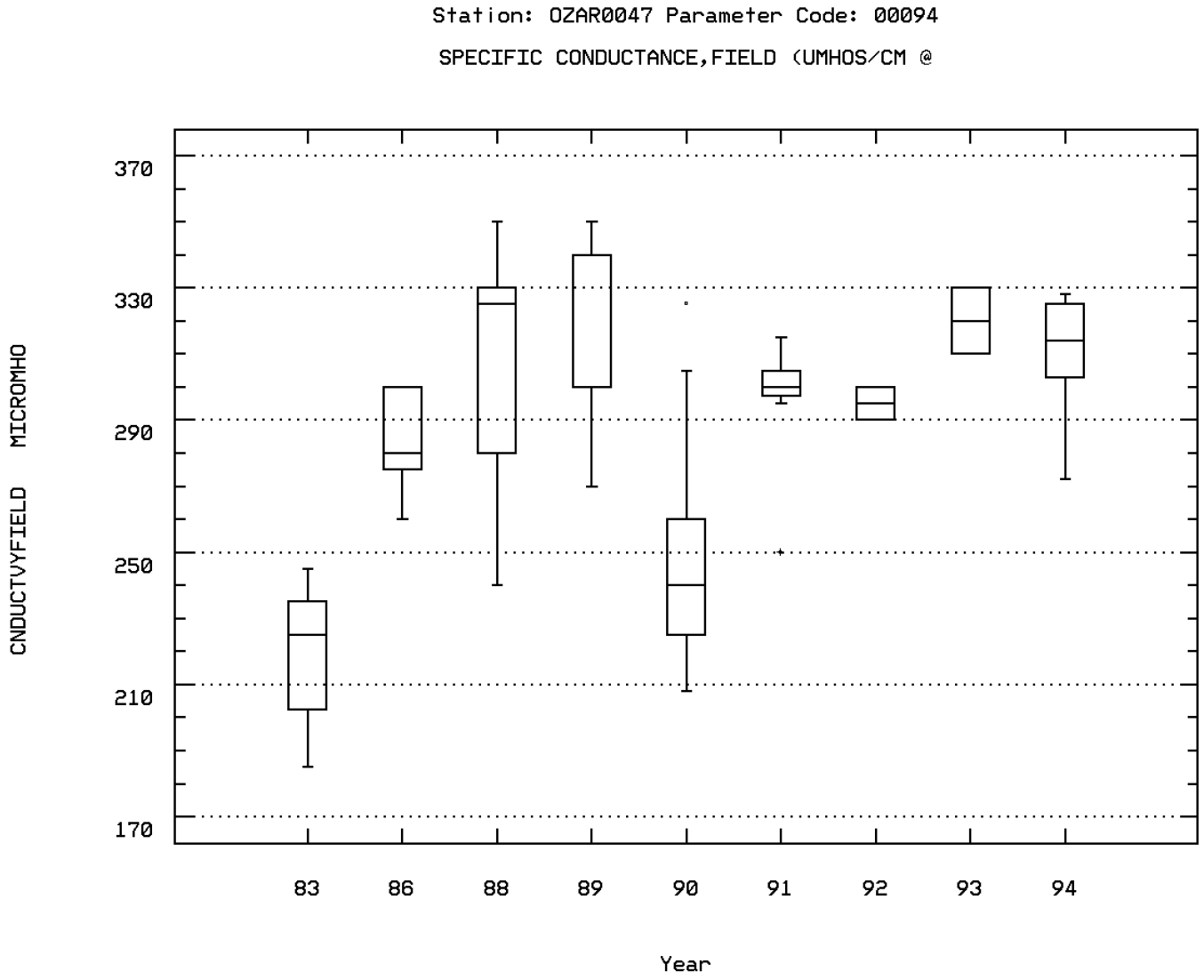
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			105.978								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	13	85.	208.077	955.	5.	84439.744	290.585	5.	17.5	330.	805.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	13	1.929	1.849	2.98	0.699	0.566	0.752	0.699	1.199	2.452	2.893
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			70.694								

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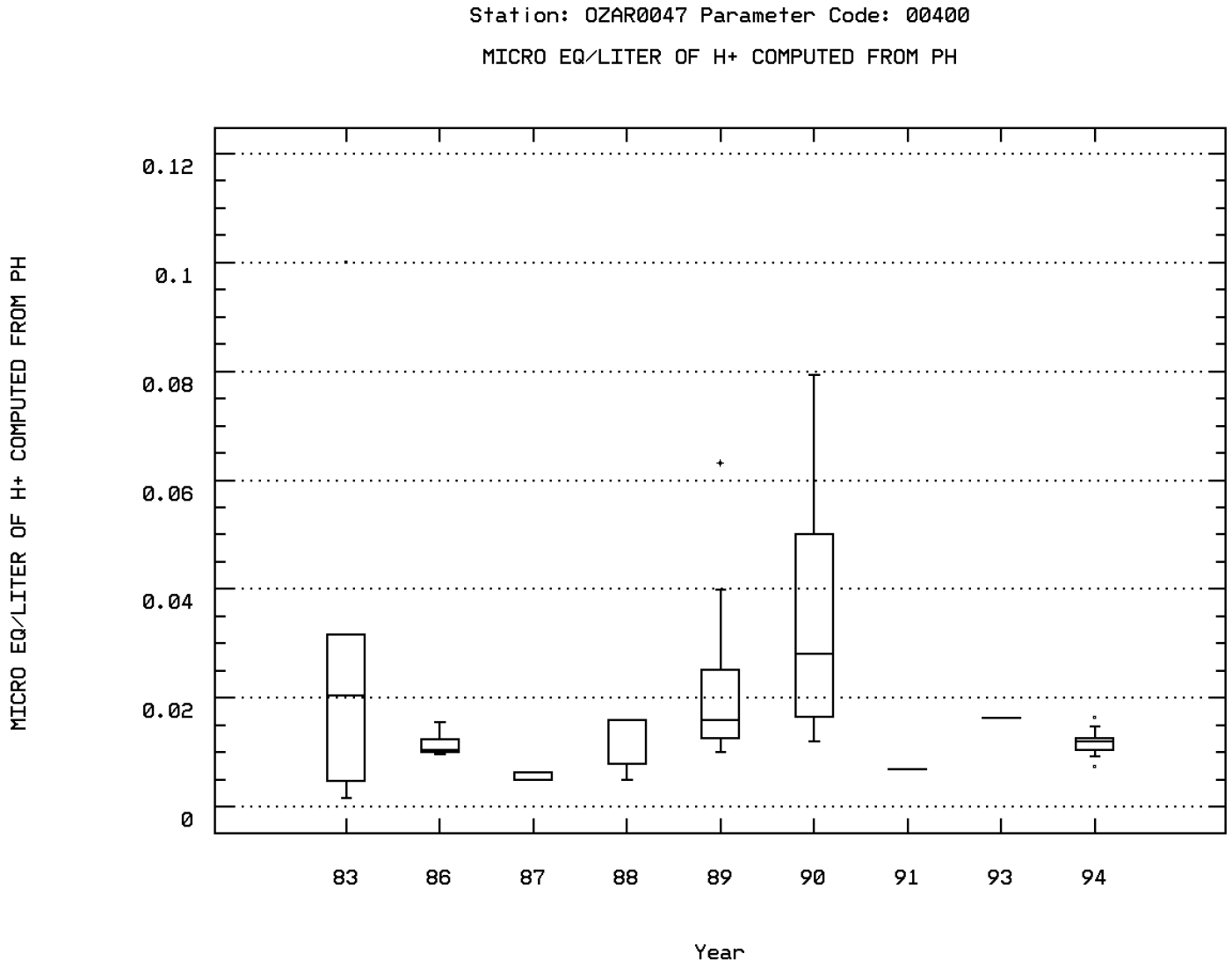
Annual Analysis for 1994 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	14	19.5	19.171	20.4	17.2	0.798	0.893	17.65	18.5	19.775	20.35
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	11	314.	310.545	328.	272.	283.273	16.831	276.6	303.	325.	327.6
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	11	7.92	7.938	8.14	7.79	0.009	0.094	7.798	7.9	7.98	8.118
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	11	7.92	7.929	8.14	7.79	0.009	0.094	7.798	7.9	7.98	8.118
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	11	0.012	0.012	0.016	0.007	0.	0.002	0.008	0.01	0.013	0.016
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	16	44.	47.688	131.	5.	1023.963	31.999	8.5	23.25	62.25	102.3
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	16	1.643	1.562	2.117	0.699	0.136	0.369	0.91	1.355	1.794	2.003
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			36.492								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	15	50.	79.	390.	10.	8643.571	92.971	10.	35.	90.	240.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	15	1.699	1.718	2.591	1.	0.161	0.401	1.	1.544	1.954	2.324
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			52.275								

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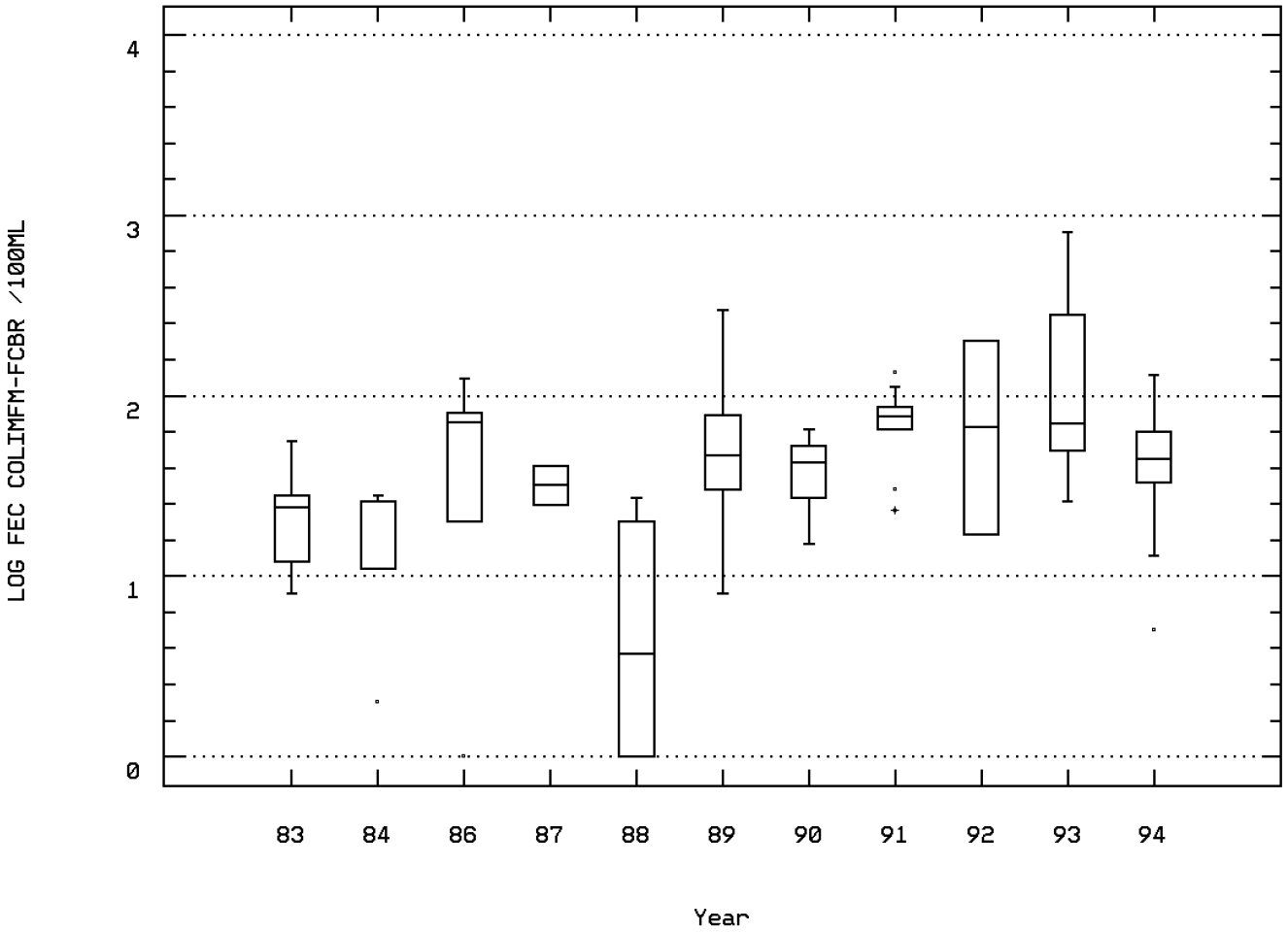
EMINENCE - 19 BRIDGE



EMINENCE - 19 BRIDGE

Station: OZAR0047 Parameter Code: 31616

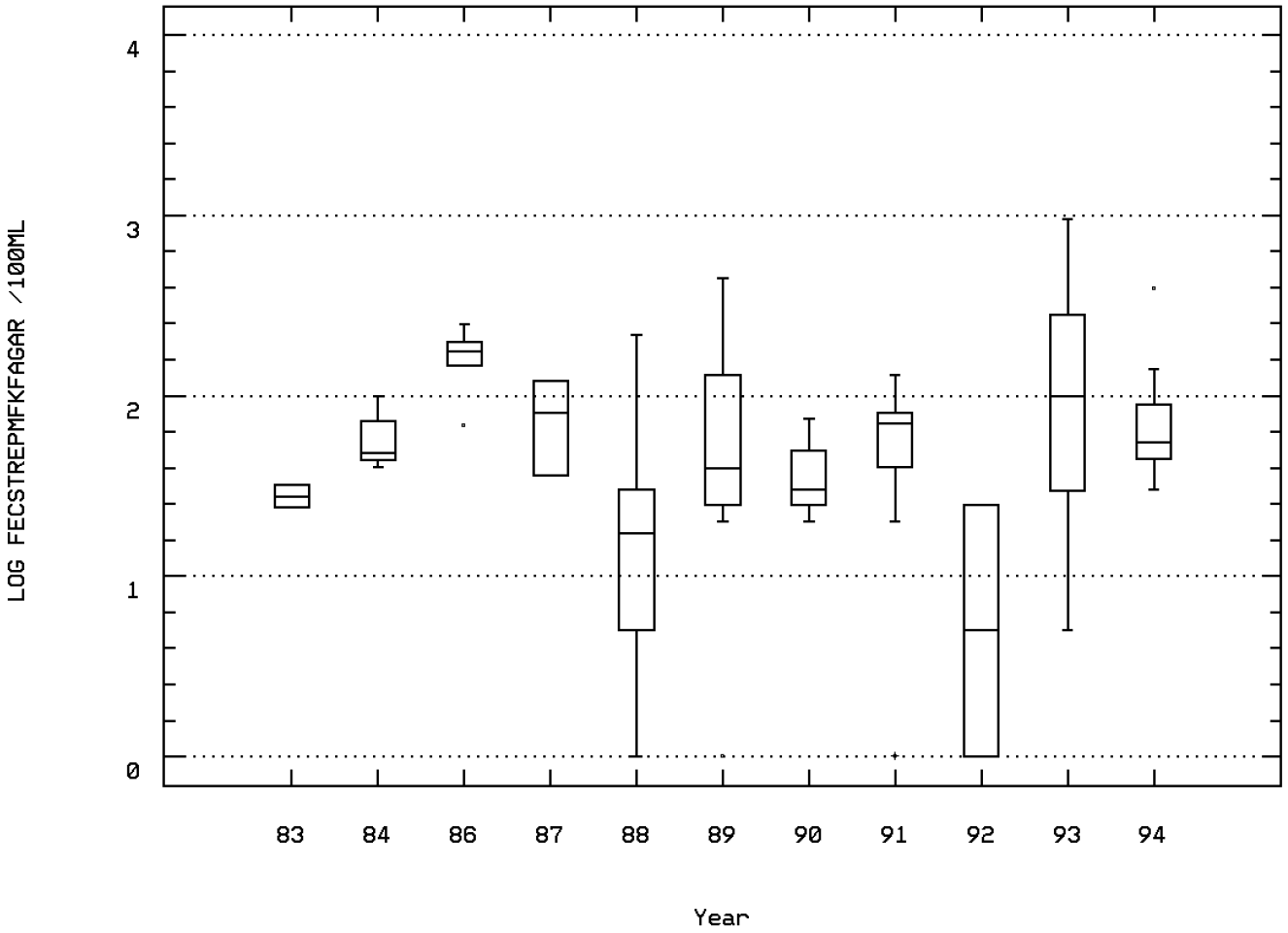
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



EMINENCE - 19 BRIDGE

Station: OZAR0047 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



EMINENCE - 19 BRIDGE

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	37	19.	18.462	21.1	12.6	4.331	2.081	14.26	17.45	20.	20.68
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	21	24.	23.176	33.	14.	21.355	4.621	15.62	20.	26.	29.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	28	317.5	302.571	350.	220.	1603.291	40.041	229.5	285.	329.5	340.5
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	23	7.9	7.821	8.3	7.	0.09	0.3	7.44	7.6	7.98	8.22
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	23	7.9	7.704	8.3	7.	0.104	0.323	7.44	7.6	7.98	8.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	23	0.013	0.02	0.1	0.005	0.	0.02	0.006	0.01	0.025	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	23	170.	168.217	192.	75.	500.178	22.365	156.8	165.	176.	189.2
00600	NITROGEN, TOTAL (MG/L AS N)	06/16/83-09/06/94	19	0.38	0.364	0.5	0.19	0.009	0.095	0.19	0.28	0.43	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	17	0.006	0.006	0.01	0.002	0.	0.002	0.004	0.006	0.007	0.008
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	36	28.	51.639	293.	0.	4919.609	70.14	1.4	14.	51.5	152.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	36	1.447	1.383	2.467	0.	0.38	0.617	0.211	1.143	1.712	2.174
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.175								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	29	45.	108.31	955.	0.	41114.293	202.767	5.	25.	80.	390.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	29	1.653	1.612	2.98	0.	0.423	0.65	0.699	1.398	1.903	2.591
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			40.96								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	10	9.	9.68	12.9	7.1	3.86	1.965	7.18	8.05	11.575	12.79
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	10	12.15	11.27	18.	1.3	20.711	4.551	1.94	8.3	14.	17.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	9	305.	298.889	350.	240.	1536.111	39.193	240.	260.	335.	350.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	8	7.8	7.826	8.1	7.55	0.028	0.167	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	8	7.8	7.798	8.1	7.55	0.029	0.17	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	8	0.016	0.016	0.028	0.008	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	10	167.	152.5	175.	116.	634.944	25.198	116.7	125.25	174.	174.9
00600	NITROGEN, TOTAL (MG/L AS N)	06/16/83-09/06/94	7	0.48	0.44	0.57	0.33	0.01	0.1	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	3	0.006	0.006	0.007	0.004	0.	0.002	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	10	13.5	22.8	77.	2.	531.511	23.055	2.5	7.75	32.	74.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	10	1.128	1.166	1.886	0.301	0.204	0.452	0.355	0.889	1.492	1.865
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.643								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	10	20.	46.	219.	0.	5112.444	71.501	0.	4.5	51.25	210.1
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	10	1.301	1.181	2.34	0.	0.588	0.767	0.	0.584	1.577	2.318
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			15.159								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	57	19.1	19.396	22.8	16.	1.373	1.172	17.98	19.	20.	21.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	34	25.85	26.071	33.	13.1	15.387	3.923	22.5	24.	29.	32.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	39	295.	279.795	330.	185.	1524.325	39.043	210.	260.	303.	322.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	34	7.915	7.914	8.8	7.1	0.127	0.356	7.25	7.8	8.145	8.25
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	34	7.915	7.758	8.8	7.1	0.152	0.389	7.25	7.8	8.145	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	34	0.012	0.017	0.079	0.002	0.	0.018	0.006	0.007	0.016	0.057
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	35	159.	158.829	187.	110.	213.499	14.612	144.	151.	165.	181.
00600	NITROGEN, TOTAL (MG/L AS N)	06/16/83-09/06/94	32	0.395	0.381	0.57	0.07	0.017	0.13	0.11	0.353	0.46	0.521
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	31	0.008	0.008	0.018	0.005	0.	0.003	0.006	0.007	0.009	0.012
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	57	45.	74.386	808.	0.	14352.634	119.802	10.	20.	70.	130.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	57	1.653	1.588	2.907	0.	0.3	0.548	1.	1.301	1.845	2.116
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			38.693								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	52	62.5	87.788	500.	0.	9641.856	98.193	10.	25.	118.75	197.6

** - 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: 4/21 to 7/31 - Station OZAR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	52	1.796	1.703	2.699	0.	0.27	0.52	1.	1.398	2.075	2.296
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			50.485								

** - 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

Station Inventory for Station: OZAR0048

NPS Station ID: OZAR0048
LAT/LON: 37.155004/ -91.358616
Agency: 112WRD
Date Created: 02/27/93
Location: JACKS FORK AT EMINENCE, MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07066000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/22/93-01/22/93	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	01/22/93-01/22/93	1	778.	778.	778.	778.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/22/93-01/22/93	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/22/93-01/22/93	1	294.	294.	294.	294.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/22/93-01/22/93	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	01/22/93-01/22/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/93-01/22/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/93-01/22/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/93-01/22/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/22/93-01/22/93	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/22/93-01/22/93	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/93-01/22/93	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/22/93-01/22/93	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	01/22/93-01/22/93	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	01/22/93-01/22/93	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	01/22/93-01/22/93	1	217.	217.	217.	217.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/22/93-01/22/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/22/93-01/22/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/22/93-01/22/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/22/93-01/22/93	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/22/93-01/22/93	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/22/93-01/22/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/22/93-01/22/93	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/22/93-01/22/93	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/22/93-01/22/93	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/22/93-01/22/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/22/93-01/22/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/93-01/22/93	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/22/93-01/22/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/22/93-01/22/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/22/93-01/22/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	01/22/93-01/22/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/22/93-01/22/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	01/22/93-01/22/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/22/93-01/22/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/22/93-01/22/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/22/93-01/22/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/22/93-01/22/93	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: OZAR0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	01/22/93-01/22/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/22/93-01/22/93	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	01/22/93-01/22/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04036	PROMETRYN,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04038	DEISOPROPYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	01/22/93-01/22/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/22/93-01/22/93	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	01/22/93-01/22/93	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			50.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/22/93-01/22/93	1	69.	69.	69.	69.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/22/93-01/22/93	1	1.839	1.839	1.839	1.839	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			69.								
38401	AMETRYN WATER,DISSUG/L	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38535	PROPAZINE WATER,DISSUG/L	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	01/22/93-01/22/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/22/93-01/22/93	1	154.	154.	154.	154.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/22/93-01/22/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/22/93-01/22/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	01/22/93-01/22/93	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: OZAR0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	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	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
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						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	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						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	1	0	0.00				1	0	0.00						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00				1	0	0.00						
46342	ALACHLOR (LASSO), WATER, DISSOLVED	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: OZAR0048

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: OZAR0049

NPS Station ID: OZAR0049
LAT/LON: 37.157226/ -91.369727
Agency: 112WRD
Date Created: / /
Location: JACKS FORK ABOVE EMINENCE, MO.
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07065980
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008043
RF1 Mile Point: 4.490
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008004404.88
RF3 Mile Point: 5.56
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/73-10/17/73	3	18.	16.667	18.5	13.5	7.583	2.754	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/73-10/17/73	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/20/73-10/17/73	3	430.	375.	435.	260.	9925.	99.624	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/20/73-10/17/73	3	297.	294.333	305.	281.	149.333	12.22	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/73-10/17/73	3	8.8	8.8	9.2	8.4	0.16	0.4	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/73-10/17/73	3	88.	89.333	92.	88.	5.333	2.309	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/20/73-06/20/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/73-10/17/73	3	7.9	7.867	7.9	7.8	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/73-10/17/73	3	7.9	7.864	7.9	7.8	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/73-10/17/73	3	0.013	0.014	0.016	0.013	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/20/73-10/17/73	3	3.9	4.167	5.	3.6	0.543	0.737	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/73-10/17/73	3	158.	155.	161.	146.	63.	7.937	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/20/73-10/17/73	3	192.	188.667	196.	178.	89.333	9.452	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/20/73-10/17/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	3	0.48	0.517	0.63	0.44	0.01	0.1	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/20/73-10/17/73	3	0.1	0.067	0.1	0.	0.003	0.058	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/73-10/17/73	3	0.01	0.022	0.05	0.005	0.001	0.025	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/17/73	3	0.44	0.43	0.48	0.37	0.003	0.056	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/73-10/17/73	3	0.11	0.103	0.15	0.05	0.003	0.05	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/17/73	3	0.44	0.43	0.48	0.37	0.003	0.056	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/73-10/17/73	3	0.03	0.047	0.1	0.01	0.002	0.047	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/20/73-10/17/73	3 ##	0.005	0.013	0.03	0.005	0.	0.014	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/73-10/17/73	3	130.	115.333	160.	56.	2865.333	53.529	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/73-10/17/73	3	2.114	2.022	2.204	1.748	0.058	0.241	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			105.216								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/20/73-10/17/73	3	180.	246.667	420.	140.	22933.333	151.438	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/20/73-10/17/73	3	2.255	2.342	2.623	2.146	0.062	0.25	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			219.558								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-10/17/73	3	2.1	2.267	2.8	1.9	0.223	0.473	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	2	0	0.00				1	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	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: OZAR0050

NPS Station ID: OZAR0050
LAT/LON: 37.147226/ -91.378337
Agency: 112WRD
Date Created: / /
Location: MAHANS CREEK AT WEST EMINENCE, MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07065950
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008049
RF1 Mile Point: 0.930
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008004403.31
RF3 Mile Point: 3.30
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/16/73	4	17.25	16.	19.	10.5	14.167	3.764	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/16/73	4	27.5	46.25	115.	15.	2223.583	47.155	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/73-08/01/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-08/01/73	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/16/73	4	379.5	372.75	410.	322.	1399.583	37.411	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/16/73	4	8.55	8.875	10.4	8.	1.103	1.05	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-10/16/73	4	88.5	88.75	93.	85.	10.917	3.304	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/04/73-08/01/73	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
00400	PH (STANDARD UNITS)	04/04/73-10/16/73	4	8.	8.	8.1	7.9	0.007	0.082	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/04/73-10/16/73	4	8.	7.994	8.1	7.9	0.007	0.082	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/73-10/16/73	4	0.01	0.01	0.013	0.008	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-10/16/73	4	4.05	3.95	5.2	2.5	1.31	1.145	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-10/16/73	4	202.5	198.75	226.	164.	732.917	27.072	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-10/16/73	4	247.	242.5	276.	200.	1102.333	33.201	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/04/73-10/16/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/16/73	3	0.31	0.33	0.43	0.25	0.008	0.092	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-10/16/73	4	0.075	0.08	0.17	0.	0.006	0.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/16/73	4 ##	0.005	0.011	0.03	0.005	0.	0.013	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/73-10/16/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-10/16/73	4	0.215	0.225	0.27	0.2	0.001	0.031	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/16/73	4	0.08	0.1	0.2	0.04	0.005	0.073	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/73-10/16/73	3	0.21	0.213	0.23	0.2	0.	0.015	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/16/73	4	0.019	0.018	0.03	0.005	0.	0.014	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/16/73	4 ##	0.005	0.009	0.02	0.004	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-08/01/73	2	190.	190.	210.	170.	800.	28.284	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-08/01/73	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-08/01/73	2	40.	40.	44.	36.	32.	5.657	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-08/01/73	2	22.	22.	25.	19.	18.	4.243	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-08/01/73	2	1.55	1.55	1.7	1.4	0.045	0.212	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/04/73-08/01/73	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	04/04/73-08/01/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-08/01/73	2	0.95	0.95	1.2	0.7	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-08/01/73	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-08/01/73	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-08/01/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-08/01/73	2	7.7	7.7	8.5	6.9	1.28	1.131	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-08/01/73	2 ##	52.5	52.5	100.	5.	4512.5	67.175	**	**	**	**

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

Parameter Inventory for Station: OZAR0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-08/01/73	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	1	620.	620.	620.	620.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/04/73-04/04/73	1	2.792	2.792	2.792	2.792	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			620.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/16/73	4	65.	65.	92.	38.	870.	29.496	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/16/73	4	1.781	1.776	1.964	1.58	0.043	0.209	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			59.764								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-10/16/73	4	230.	216.5	350.	56.	14915.667	122.13	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/04/73-10/16/73	4	2.36	2.253	2.544	1.748	0.122	0.349	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			179.103								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-08/01/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-08/01/73	2	196.5	196.5	224.	169.	1512.5	38.891	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-08/01/73	2	192.	192.	215.	169.	1058.	32.527	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-08/01/73	2	31.09	31.09	52.5	9.68	916.776	30.278	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-08/01/73	2	0.265	0.265	0.3	0.23	0.002	0.049	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/73-10/16/73	3	1.4	1.467	1.9	1.1	0.163	0.404	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: OZAR0051

NPS Station ID: OZAR0051 LAT/LON: 37.148088/ -91.380365 Agency: 21MO0001 Date Created: 11/16/84
Location: T29N, R4W, SEC. 27, SW 1/4, HYW. 106 CROSSING FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008022A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: JACK'S FORK RIVER ECO Region:
RF1 Index: 11010008049 RF1 Mile Point: 0.930 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008145800.00 RF3 Mile Point: 0.90 Distance from RF3: 0.10 On/Off RF3:
Description:
COUNTY: SHANNON CITY: EMINENCE ESTABLISHED FOR: MAHAN'S CREEK

Parameter Inventory for Station: OZAR0051

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: OZAR0052

NPS Station ID: OZAR0052 LAT/LON: 37.148088/ -91.380365 Agency: 21MO0001 Date Created: 11/23/84
Location: T29N, R4W, SEC. 27, SW1/4, HYW. 106 CROSSING FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008026A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: JACK'S FORK RIVER ECO Region:
RF1 Index: 11010008049 RF1 Mile Point: 0.930 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008150300.00 RF3 Mile Point: 0.60 Distance from RF3: 0.02 On/Off RF3:
Description:
COUNTY: SHANNON CITY: EMINENCE ESTABLISHED FOR: MAHAN'S CREEK WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI

Parameter Inventory for Station: OZAR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	1	63.5	63.5	63.5	63.5	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	1	226.	226.	226.	226.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	1	410.	410.	410.	410.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/73-10/16/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/73-10/16/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/73-10/16/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	41.	41.	41.	41.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	1.613	1.613	1.613	1.613	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			41.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	210.	210.	210.	210.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	2.322	2.322	2.322	2.322	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			210.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	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: OZAR0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0053

NPS Station ID: OZAR0053
LAT/LON: 37.278892/ -91.403615
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER BELOW ROUND SPRING
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07065010
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008029
RF1 Mile Point: 6.730
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008018600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/16/73	4	16.	15.5	18.	12.	9.	3.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	1010.	1010.	1010.	1010.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/16/73	4	962.5	1271.25	2300.	860.	474206.25	688.626	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/03/73-07/31/73	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/16/73	4	297.5	279.5	313.	210.	2213.667	47.05	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/03/73-10/16/73	4	9.1	9.225	9.7	9.	0.102	0.32	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/03/73-10/16/73	4	92.	91.75	95.	88.	10.917	3.304	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/03/73-07/31/73	3	3.	11.	30.	0.	273.	16.523	**	**	**	**
00400	PH (STANDARD UNITS)	04/03/73-10/16/73	4	7.8	7.8	7.9	7.7	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/03/73-10/16/73	4	7.789	7.789	7.9	7.7	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/73-10/16/73	4	0.016	0.016	0.02	0.013	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/03/73-10/16/73	4	3.95	4.475	6.5	3.5	1.883	1.372	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-10/16/73	4	150.	142.75	166.	105.	714.25	26.725	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-10/16/73	4	183.	174.	202.	128.	1053.333	32.455	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/03/73-10/16/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.68	0.677	0.84	0.51	0.027	0.165	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/03/73-10/16/73	4	0.055	0.123	0.38	0.	0.032	0.179	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/16/73	4	0.015	0.036	0.11	0.005	0.002	0.05	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/73-10/16/73	4	0.45	0.465	0.58	0.38	0.007	0.083	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/16/73	4	0.115	0.168	0.39	0.05	0.023	0.152	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	3	0.45	0.47	0.58	0.38	0.01	0.101	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/16/73	4	0.015	0.018	0.04	0.002	0.	0.016	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/73-10/16/73	4 ##	0.005	0.011	0.03	0.005	0.	0.013	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/73-07/31/73	2	130.	130.	150.	110.	800.	28.284	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/03/73-07/31/73	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/03/73-07/31/73	2	27.	27.	31.	23.	32.	5.657	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/03/73-07/31/73	2	15.	15.	18.	12.	18.	4.243	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/03/73-07/31/73	2	1.35	1.35	1.5	1.2	0.045	0.212	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/03/73-07/31/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/03/73-07/31/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/03/73-07/31/73	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/03/73-07/31/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/03/73-07/31/73	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/03/73-07/31/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/03/73-07/31/73	2	7.75	7.75	8.1	7.4	0.245	0.495	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/03/73-07/31/73	2	55.	55.	90.	20.	2450.	49.497	**	**	**	**

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

Parameter Inventory for Station: OZAR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/73-07/31/73	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/03/73-04/03/73	1	420.	420.	420.	420.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/03/73-04/03/73	1	2.623	2.623	2.623	2.623	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			420.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-10/16/73	4	27.5	31.5	62.	9.	649.667	25.489	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-10/16/73	4	1.356	1.365	1.792	0.954	0.168	0.41	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.164								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/03/73-10/16/73	4	82.5	106.25	230.	30.	8356.25	91.413	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/03/73-10/16/73	4	1.866	1.893	2.362	1.477	0.162	0.402	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			78.129								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/03/73-07/31/73	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/73-07/31/73	2	137.	137.	154.	120.	578.	24.042	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/03/73-07/31/73	2	137.5	137.5	159.	116.	924.5	30.406	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/03/73-07/31/73	2	563.	563.	745.	381.	66248.	257.387	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/03/73-07/31/73	2	0.185	0.185	0.21	0.16	0.001	0.035	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	3	3.	3.	3.7	2.3	0.49	0.7	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	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: OZAR0054

NPS Station ID: OZAR0054 | LAT/LON: 37.279448/ -91.404448 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: ROUND SPRING - LOWER ACCESS | | FIPS State/County: 29203 MISSOURI/SHANNON |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): ROUL |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 11010008 | Depth of Water: 0 | Aquifer: |
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id: |
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | | ECO Region: |
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:

Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED AT THE MAIN ROUND SPRING RIVER ACCESS. ACCESS IS REACHED BY A ROAD THAT EXTENDS THROUGH THE CAMPGROUND. THIS SITE IS

Parameter Inventory for Station: OZAR0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	88	18.25	17.99	22.	9.2	5.669	2.381	14.76	17.	19.475	20.91
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	41	26.	23.998	33.	2.2	48.325	6.952	15.2	21.15	27.8	30.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	52	300.	291.692	340.	205.	912.1	30.201	240.	272.75	310.	324.1
00300	OXYGEN, DISSOLVED MG/L	06/14/94-08/23/94	4	9.75	9.65	10.	9.1	0.15	0.387	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	40	8.05	8.011	8.51	7.5	0.067	0.26	7.582	7.85	8.2	8.296
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	40	8.05	7.93	8.51	7.5	0.074	0.272	7.582	7.85	8.2	8.296
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	40	0.009	0.012	0.032	0.003	0.	0.008	0.005	0.006	0.014	0.026
00406	PH, FIELD, STANDARD UNITS SU	02/06/91-08/24/93	15	8.02	7.845	8.26	7.23	0.123	0.351	7.296	7.55	8.14	8.224
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/06/91-08/24/93	15	8.02	7.706	8.26	7.23	0.144	0.379	7.296	7.55	8.14	8.224
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/91-08/24/93	15	0.01	0.02	0.059	0.005	0.	0.017	0.006	0.007	0.028	0.051
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	43	159.	154.558	180.	96.	280.919	16.761	127.6	144.	165.	172.
00600	NITROGEN, TOTAL (MG/L AS N)	12/05/88-09/06/94	35	0.5	0.502	0.72	0.28	0.008	0.089	0.384	0.46	0.55	0.59
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/02/83-07/28/86	4	0.25	0.234	0.425	0.01	0.036	0.189	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	37	0.009	0.01	0.019	0.005	0.	0.003	0.006	0.008	0.012	0.013
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	86	16.	27.616	208.	0.	1327.369	36.433	4.	8.	28.5	81.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	86	1.204	1.163	2.318	0.	0.27	0.519	0.602	0.903	1.455	1.911
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.54								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	74	38.	70.838	695.	0.	10090.275	100.45	11.	20.	81.	171.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	74	1.579	1.586	2.842	0.	0.254	0.504	1.04	1.301	1.908	2.23
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			38.557								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	12/05/88-09/06/94	29	1.1	1.179	3.5	0.3	0.384	0.62	0.6	0.8	1.45	1.9

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

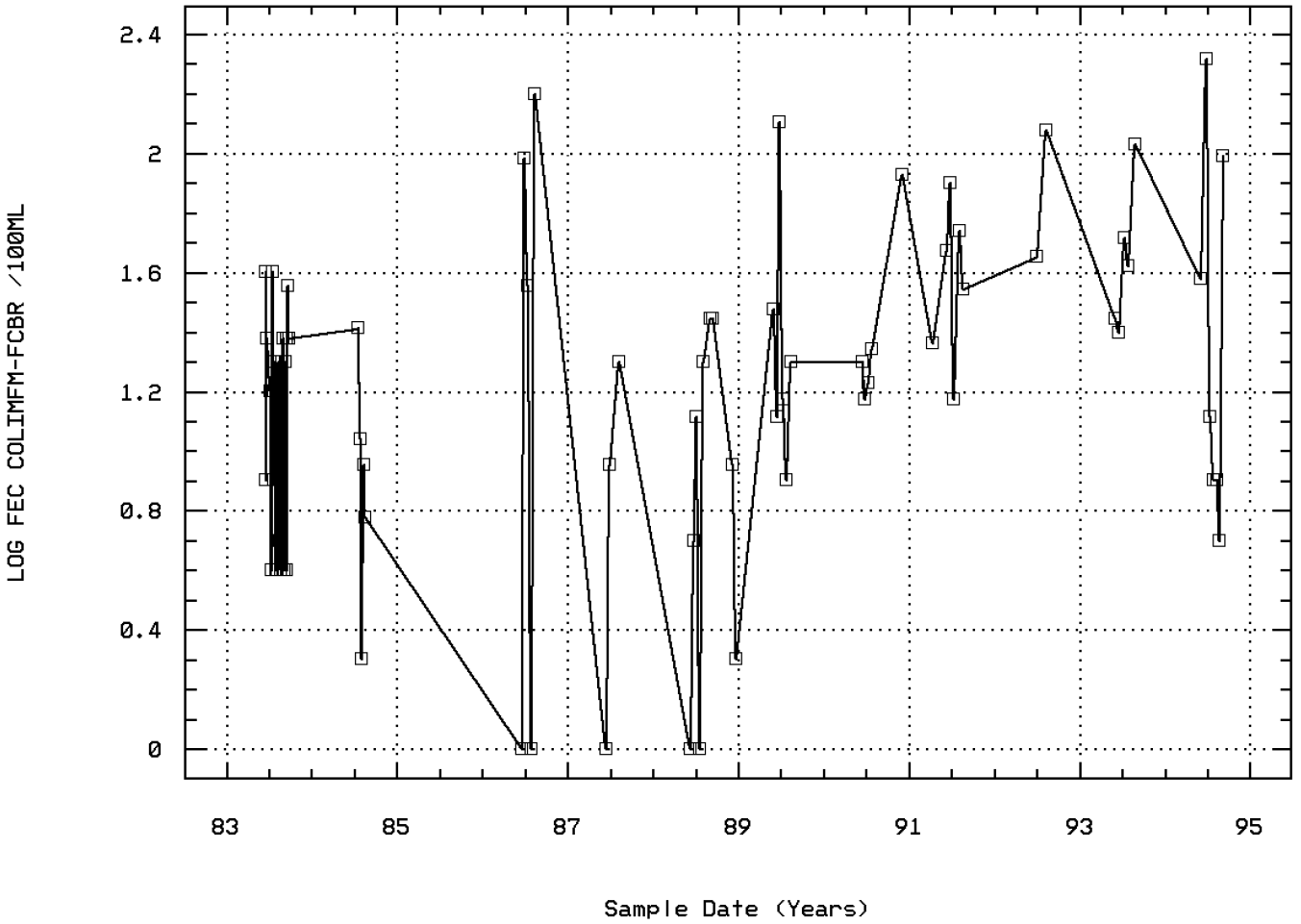
EPA Water Quality Criteria Analysis for Station: OZAR0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	40	0	0.00	11	0	0.00	5	0	0.00	24	0	0.00			
		Other-Lo Lim.	6.5	40	0	0.00	11	0	0.00	5	0	0.00	24	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	15	0	0.00	4	0	0.00	1	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	4	0	0.00	1	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00							4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	86	1	0.01	35	0	0.00	6	0	0.00	45	1	0.02			

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

Station: OZAR0054 Parameter Code: 31616

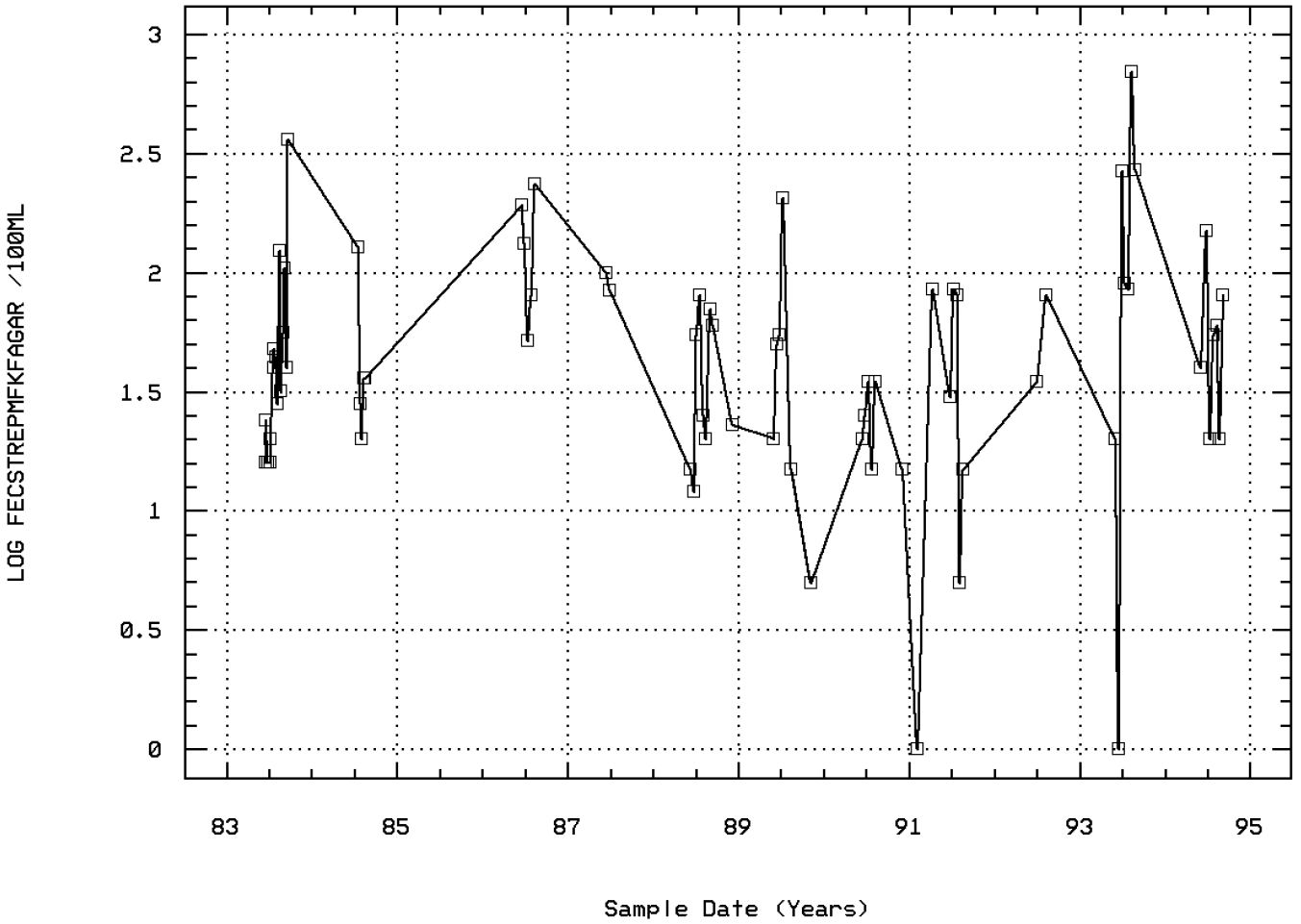
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



ROUND SPRING - LOWER ACCESS

Station: OZAR0054 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



ROUND SPRING - LOWER ACCESS

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	34	17.85	18.038	21.7	14.2	3.151	1.775	16.05	16.7	19.1	20.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	11	26.	25.409	32.	15.	23.365	4.834	16.2	21.3	27.8	31.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	14	311.5	310.5	340.	240.	535.654	23.144	270.	304.25	322.75	335.
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	11	8.14	8.101	8.51	7.5	0.062	0.249	7.59	8.	8.2	8.46
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	11	8.14	8.022	8.51	7.5	0.069	0.262	7.59	8.	8.2	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	11	0.007	0.009	0.032	0.003	0.	0.008	0.004	0.006	0.01	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	10	166.5	159.	180.	96.	614.667	24.792	100.5	153.	175.5	179.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	35	20.	27.743	159.	2.	1352.608	36.778	4.	5.	28.	101.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	35	1.301	1.172	2.201	0.301	0.232	0.481	0.602	0.699	1.447	2.006
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.876								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	26	42.	98.692	695.	5.	22146.622	148.817	15.	23.75	86.	297.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	26	1.623	1.711	2.842	0.699	0.228	0.477	1.176	1.374	1.932	2.469
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			51.356								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	6	12.2	12.167	14.8	9.2	4.347	2.085	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	12.2	10.733	17.2	2.2	48.683	6.977	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	6	275.	280.	315.	245.	610.	24.698	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	5	7.74	7.748	8.05	7.5	0.046	0.215	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	5	7.74	7.708	8.05	7.5	0.048	0.22	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	5	0.018	0.02	0.032	0.009	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	6	150.5	149.667	172.	126.	381.067	19.521	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	10.	23.167	85.	2.	963.767	31.045	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	1.	1.091	1.929	0.301	0.287	0.536	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.333								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	15.	25.6	85.	0.	1181.8	34.377	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	1.176	1.033	1.929	0.	0.528	0.726	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10.795								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	48	18.8	18.683	22.	14.	2.998	1.731	16.63	17.525	20.	21.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	24	27.	26.667	33.	20.	9.018	3.003	21.5	25.2	28.75	30.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	32	300.	285.656	340.	205.	953.717	30.882	240.	272.	300.	311.4
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	24	8.045	8.025	8.41	7.5	0.06	0.246	7.625	7.883	8.2	8.35
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	24	8.045	7.953	8.41	7.5	0.066	0.256	7.625	7.882	8.2	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	24	0.009	0.011	0.032	0.004	0.	0.007	0.004	0.006	0.013	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	27	158.	154.	172.	123.	154.308	12.422	138.	146.	164.	167.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	45	16.	28.111	208.	0.	1406.556	37.504	0.	8.	37.	63.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	45	1.204	1.164	2.318	0.	0.309	0.556	0.	0.903	1.568	1.791
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.601								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	43	40.	59.256	265.	0.	3381.528	58.151	10.8	20.	84.	142.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	43	1.602	1.575	2.423	0.	0.209	0.457	1.032	1.301	1.924	2.154
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			37.593								

** - Less than 9 observations ## - Computed 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: OZAR0055

NPS Station ID: OZAR0055
LAT/LON: 37.282503/ -91.407226
Agency: 112WRD
Date Created: 02/28/78
Location: 030N004W20BCA1
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 371657091242601
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008029
RF1 Mile Point: 6.980
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008018700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/04/66-04/26/71	4	13.6	11.675	13.9	5.6	16.483	4.06	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/16/66-04/24/67	3	4.	3.	5.	0.	7.	2.646	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/04/66-04/26/71	5	264.	261.2	338.	220.	2327.2	48.241	**	**	**	**
00400	PH (STANDARD UNITS)	02/04/66-04/26/71	5	7.8	7.74	8.1	7.4	0.068	0.261	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/04/66-04/26/71	5	7.8	7.68	8.1	7.4	0.073	0.269	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/04/66-04/26/71	5	0.016	0.021	0.04	0.008	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/71-04/26/71	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/04/66-04/26/71	5	170.	180.6	222.	139.	1065.8	32.647	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/04/66-04/26/71	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/04/66-04/26/71	5	0.2	0.186	0.34	0.	0.016	0.127	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/24/67-04/24/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/24/67-04/24/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/66-04/26/71	5	144.	147.8	181.	115.	604.7	24.591	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/04/66-04/26/71	5	0.	1.	4.	0.	3.	1.732	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/04/66-04/26/71	5	29.	31.1	36.5	26.	23.3	4.827	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/04/66-04/26/71	5	16.8	16.96	22.	12.	13.008	3.607	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/04/66-04/26/71	5	1.	1.	1.1	0.8	0.015	0.122	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/04/66-04/26/71	5	0.7	0.66	0.9	0.3	0.053	0.23	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/04/66-04/26/71	5	1.	1.16	2.	0.8	0.228	0.477	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/04/66-04/26/71	5	3.	2.6	4.	1.	1.3	1.14	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/04/66-04/26/71	5	0.1	0.08	0.2	0.	0.007	0.084	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/04/66-04/26/71	5	8.1	8.28	9.	7.5	0.377	0.614	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/04/66-04/26/71	5	136.	149.	186.	121.	870.5	29.504	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/04/66-04/24/67	4	144.	147.75	181.	122.	601.583	24.527	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/04/66-04/26/71	5	0.9	0.82	1.5	0.	0.317	0.563	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	02/04/66-04/26/71	5	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	02/04/66-04/26/71	3	20.	33.333	70.	10.	1033.333	32.146	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0055

			Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-4/20----------			----------4/21-7/31----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	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.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	250.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			

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

Station Inventory for Station: OZAR0056

NPS Station ID: OZAR0056
LAT/LON: 37.282503/ -91.407503
Agency: 112WRD
Date Created: 02/17/78
Location: ROUND SPRING AT ROUND SPRING MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 07065000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008029
RF1 Mile Point: 6.980
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008002808.43
RF3 Mile Point: 8.44
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/21/93	36	14.	13.867	16.	12.5	0.42	0.648	13.	13.5	14.	15.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	20	771.5	771.3	786.	763.	35.379	5.948	764.	767.	774.75	779.8
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-05/05/77	2	49.5	49.5	71.	28.	924.5	30.406	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/21/93	35	38.	54.286	214.	20.	2211.21	47.024	20.	25.	58.	134.
00065	STAGE, STREAM (FEET)	05/24/83-05/24/83	1	2.04	2.04	2.04	2.04	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/03/73-07/31/73	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/21/93	36	294.5	291.472	365.	190.	2607.856	51.067	223.1	253.25	337.	353.8
00300	OXYGEN, DISSOLVED MG/L	04/03/73-10/21/93	36	8.8	8.856	10.6	6.1	0.803	0.896	7.81	8.425	9.475	10.03
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/03/73-07/01/82	16	82.5	82.375	88.	75.	19.05	4.365	75.7	78.75	87.25	88.
00335	COD, .025N K2CR2O7 MG/L	04/03/73-07/31/73	3	0.	2.	6.	0.	12.	3.464	**	**	**	**
00400	PH (STANDARD UNITS)	04/03/73-10/21/93	36	7.4	7.426	7.9	6.9	0.041	0.203	7.179	7.3	7.575	7.7
00400	CONVERTED PH (STANDARD UNITS)	04/03/73-10/21/93	36	7.4	7.379	7.9	6.9	0.043	0.209	7.179	7.3	7.575	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/73-10/21/93	36	0.04	0.042	0.126	0.013	0.	0.022	0.02	0.027	0.05	0.066
00405	CARBON DIOXIDE (MG/L AS CO2)	04/03/73-09/23/81	15	11.	11.907	24.	6.6	22.228	4.715	6.84	8.6	13.	21.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-04/14/93	35	157.	153.657	197.	95.	847.232	29.107	108.2	131.	180.	184.6
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/06/86-04/14/93	13	172.	164.	194.	122.	563.167	23.731	126.8	143.	183.5	192.4
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	21	192.	187.238	240.	116.	1215.69	34.867	122.	171.	218.5	221.6
00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/06/86-04/14/93	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/06/86-04/14/93	13	210.	199.923	237.	148.	852.91	29.205	154.	174.	224.	234.6
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-07/01/82	14	0.52	0.744	2.	0.28	0.209	0.457	0.375	0.493	0.903	1.7
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/03/73-09/23/81	13	0.13	0.157	0.42	0.	0.018	0.133	0.	0.05	0.265	0.388
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/21/93	33 ##	0.01	0.019	0.09	0.	0.001	0.023	0.005	0.005	0.03	0.058
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/21/93	33 ##	0.005	0.007	0.02	0.	0.	0.004	0.005	0.005	0.008	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/73-09/23/81	15	0.41	0.486	1.7	0.26	0.122	0.35	0.26	0.37	0.48	1.058
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/21/93	35	0.2	0.249	1.	0.02	0.052	0.227	0.05	0.1	0.35	0.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/21/93	33	0.38	0.411	1.7	0.26	0.061	0.247	0.288	0.3	0.41	0.512
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/93-04/14/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/16/79-05/16/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/21/93	35	0.01	0.017	0.1	0.	0.	0.02	0.005	0.005	0.02	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/73-10/16/73	4 ##	0.005	0.014	0.04	0.005	0.	0.018	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/93-04/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/73-09/05/79	3	98.	89.333	170.	0.	7281.333	85.331	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/03/73-09/05/79	3	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/03/73-07/31/73	2	28.	28.	35.	21.	98.	9.899	**	**	**	**

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

Parameter Inventory for Station: OZAR0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/03/73-07/31/73	2	15.5	15.5	20.	11.	40.5	6.364	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/03/73-07/31/73	2	1.3	1.3	1.5	1.1	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/03/73-07/31/73	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	04/03/73-07/31/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/03/73-07/31/73	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/03/73-07/31/73	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/03/73-07/31/73	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/03/73-07/31/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/03/73-07/31/73	2	7.8	7.8	8.1	7.5	0.18	0.424	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/76-10/21/93	29 ##	0.5	1.397	10.	0.	5.81	2.41	0.	0.5	1.	4.
01046	IRON, DISSOLVED (UG/L AS FE)	04/03/73-07/31/73	2	60.	60.	90.	30.	1800.	42.426	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/22/76-10/21/93	29	2.5	12.603	120.	0.5	822.739	28.683	0.5	1.	7.5	50.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/73-07/31/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/21/93	30 ##	0.5	0.733	10.	0.	3.151	1.775	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/22/76-10/21/93	30	10.	26.067	160.	0.	1351.375	36.761	5.	5.	22.5	87.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/03/73-04/03/73	1	94.	94.	94.	94.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/03/73-04/03/73	1	1.973	1.973	1.973	1.973	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			94.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-09/22/76	5	11.	15.8	32.	1.	182.7	13.517	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-09/22/76	5	1.041	0.968	1.505	0.	0.369	0.607	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.285								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/21/93	31	9.	17.	84.	0.	499.05	22.339	0.6	2.	20.	63.2
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/21/93	31	0.954	0.854	1.924	-0.301	0.408	0.639	-0.241	0.301	1.301	1.801
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			7.153								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/21/93	29	20.	84.586	1300.	1.	57360.466	239.5	3.	7.	57.	150.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/21/93	29	1.301	1.326	3.114	0.	0.462	0.68	0.477	0.841	1.755	2.176
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			21.167								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/03/73-09/22/76	5	60.	56.4	99.	9.	1596.8	39.96	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/03/73-09/22/76	5	1.778	1.61	1.996	0.954	0.198	0.445	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			40.715								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/03/73-07/31/73	2	0.02	0.02	0.04	0.	0.001	0.028	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/73-07/31/73	2	143.5	143.5	182.	105.	2964.5	54.447	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/03/73-07/31/73	2	139.	139.	173.	105.	2312.	48.083	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/03/73-07/31/73	2	34.2	34.2	44.8	23.6	224.72	14.991	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/03/73-07/31/73	2	0.195	0.195	0.25	0.14	0.006	0.078	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/21/93	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/16/79-08/26/80	4	0.055	0.103	0.3	0.	0.019	0.139	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/16/79-05/17/84	9	0.03	0.06	0.18	0.	0.003	0.054	0.	0.03	0.09	0.18
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-07/01/82	15	2.3	3.267	9.	1.2	3.937	1.984	1.74	2.2	3.9	7.32

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EPA Water Quality Criteria Analysis for Station: OZAR0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	36	0	0.00	17	0	0.00	3	0	0.00	16	0	0.00			
00400	PH	Other-Hi Lim.	9.	36	0	0.00	17	0	0.00	3	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	36	0	0.00	17	0	0.00	3	0	0.00	16	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	33	0	0.00	16	0	0.00	1	0	0.00	16	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	15	0	0.00	7	0	0.00	1	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	33	0	0.00	16	0	0.00	1	0	0.00	16	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.	2	0	0.00				1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	28 &	2	0.07	12	0	0.00	2	0	0.00	14	2	0.14			
		Drinking Water	5.	28 &	1	0.04	12	0	0.00	2	0	0.00	14	1	0.07			

& - 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: OZAR0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	28 &	1	0.04	12	0	0.00	2	0	0.00	14	1	0.07			
		Drinking Water	15.	28 &	3	0.11	12	0	0.00	2	0	0.00	14	3	0.21			
01077	SILVER, TOTAL	Fresh Acute	4.1	29 &	0	0.00	13	0	0.00	2	0	0.00	14	0	0.00			
		Drinking Water	100.	30	0	0.00	14	0	0.00	2	0	0.00	14	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	30	2	0.07	14	2	0.14	2	0	0.00	14	0	0.00			
		Drinking Water	5000.	30	0	0.00	14	0	0.00	2	0	0.00	14	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	31	0	0.00	15	0	0.00	2	0	0.00	14	0	0.00			

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/21/93	17	14.	14.041	15.	13.	0.285	0.534	13.4	13.85	14.	15.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	10	772.5	773.6	786.	764.	40.044	6.328	764.4	769.5	778.5	785.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/21/93	17	25.	30.588	71.	20.	181.632	13.477	20.	20.5	37.	51.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/21/93	17	335.	324.353	365.	230.	1463.118	38.251	246.8	318.5	350.	363.4
00300p	OXYGEN, DISSOLVED MG/L	04/03/73-10/21/93	17	8.5	8.382	9.7	6.1	0.828	0.91	6.9	7.95	9.	9.54
00400p	PH (STANDARD UNITS)	04/03/73-10/21/93	17	7.5	7.403	7.7	6.9	0.056	0.237	7.06	7.21	7.6	7.7
00400p	CONVERTED PH (STANDARD UNITS)	04/03/73-10/21/93	17	7.5	7.339	7.7	6.9	0.06	0.246	7.06	7.21	7.6	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/73-10/21/93	17	0.032	0.046	0.126	0.02	0.001	0.028	0.02	0.025	0.062	0.089
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	10	218.5	205.7	240.	148.	716.9	26.775	151.2	187.5	220.5	238.2
00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/21/93	15 ##	0.005	0.015	0.09	0.005	0.	0.022	0.005	0.005	0.02	0.054
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/21/93	16 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.009	0.013
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/21/93	16	0.16	0.25	0.9	0.05	0.046	0.216	0.085	0.1	0.365	0.564
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/21/93	16	0.38	0.371	0.52	0.27	0.006	0.078	0.277	0.3	0.408	0.506
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/21/93	16 ##	0.005	0.013	0.1	0.	0.001	0.024	0.004	0.005	0.01	0.044
01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/76-10/21/93	13 ##	0.5	1.308	10.	0.	7.147	2.673	0.	0.	1.	6.8
01051	LEAD, TOTAL (UG/L AS PB)	09/22/76-10/21/93	13	2.5	10.654	100.	0.5	726.808	26.959	0.5	1.5	6.	63.6
01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/21/93	14 ##	0.5	1.071	10.	0.	6.687	2.586	0.	0.	0.5	5.5
01092	ZINC, TOTAL (UG/L AS ZN)	09/22/76-10/21/93	14	20.	36.429	160.	0.	2478.571	49.785	2.5	5.	45.	140.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/21/93	15	3.	17.933	84.	0.	795.602	28.206	0.3	1.	20.	74.4
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/21/93	15	0.477	0.661	1.924	-0.301	0.62	0.787	-0.181	0.	1.301	1.869
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.578								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/21/93	13	11.	35.385	186.	1.	3589.256	59.91	1.4	4.5	26.	171.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/21/93	13	1.041	1.083	2.27	0.	0.432	0.657	0.12	0.628	1.41	2.232
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			12.117								

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Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0056

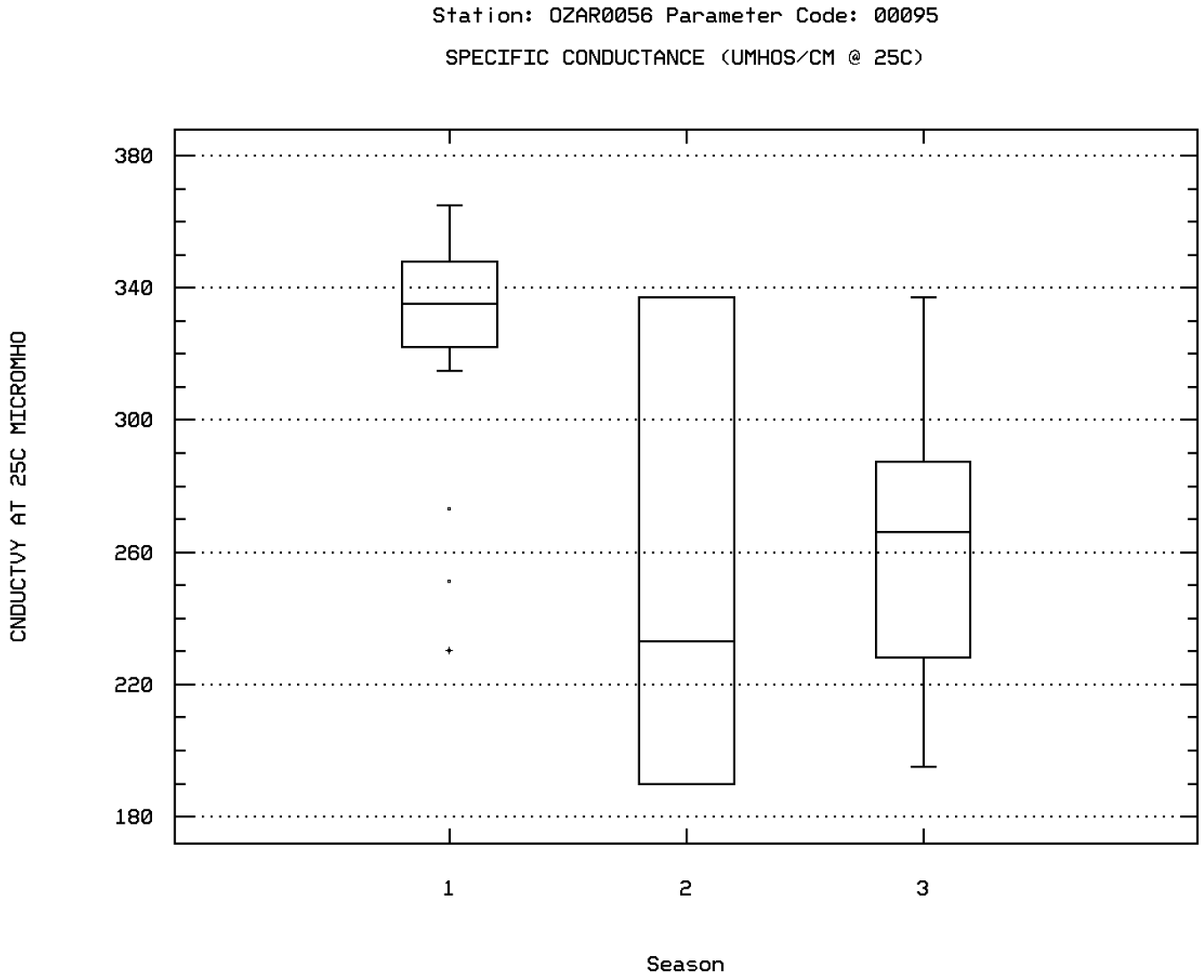
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/21/93	3	13.5	13.333	14.	12.5	0.583	0.764	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	2	770.	770.	773.	767.	18.	4.243	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/21/93	3	158.	134.	214.	30.	8896.	94.319	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/21/93	3	233.	253.333	337.	190.	5712.333	75.58	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/03/73-10/21/93	3	9.5	9.533	9.7	9.4	0.023	0.153	**	**	**	**
00400p	PH (STANDARD UNITS)	04/03/73-10/21/93	3	7.39	7.43	7.7	7.2	0.064	0.252	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/03/73-10/21/93	3	7.39	7.384	7.7	7.2	0.067	0.258	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/73-10/21/93	3	0.041	0.041	0.063	0.02	0.	0.022	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	1	116.	116.	116.	116.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/21/93	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/21/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/21/93	3 ##	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/21/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/21/93	3	0.013	0.019	0.04	0.005	0.	0.018	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/76-10/21/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/22/76-10/21/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/21/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/22/76-10/21/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/21/93	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/21/93	2	1.151	1.151	1.301	1.	0.045	0.213	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			14.142								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/21/93	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/21/93	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			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

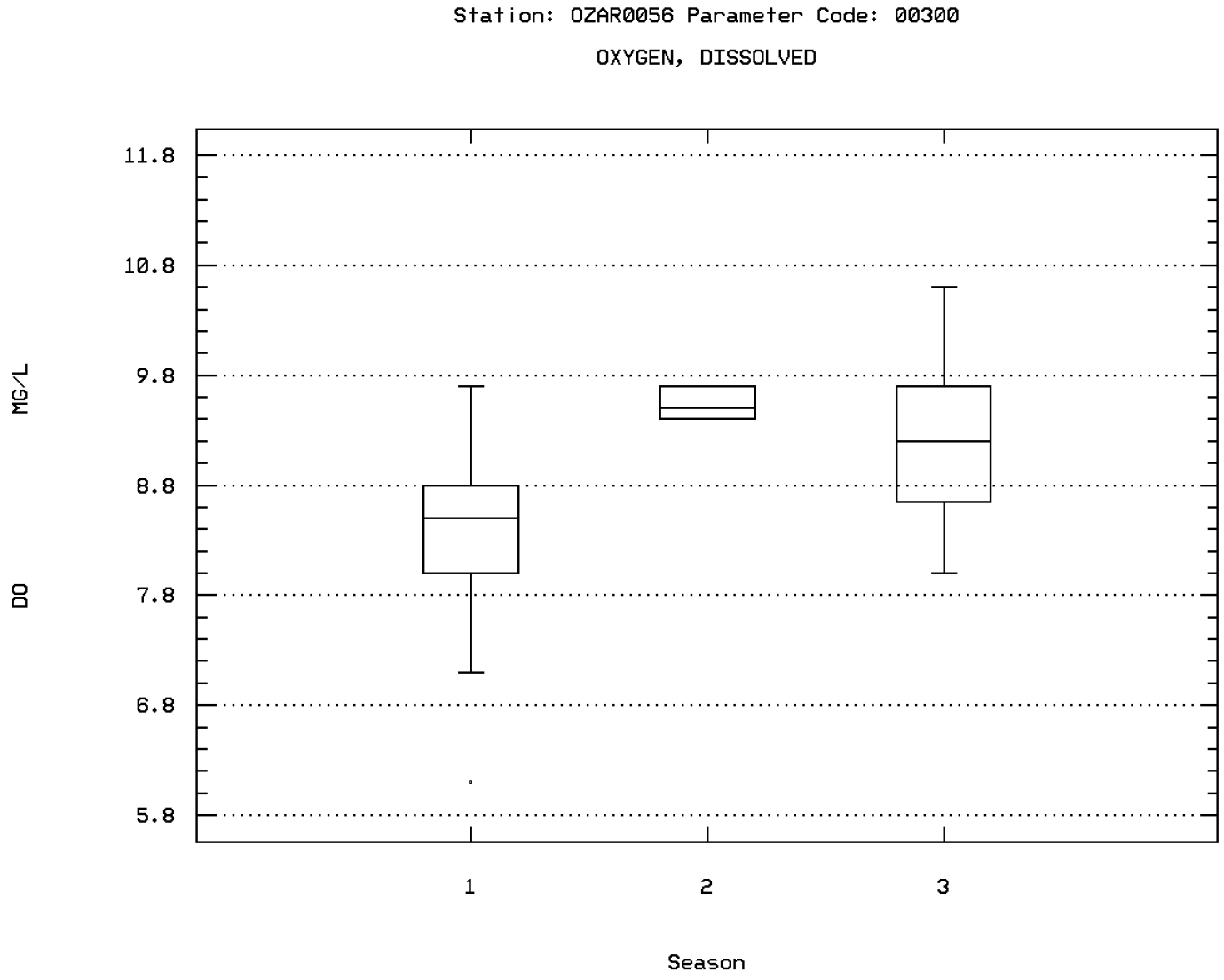
Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/21/93	16	13.5	13.781	16.	13.	0.499	0.706	13.	13.5	14.	14.95
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	8	767.	768.75	776.	763.	26.5	5.148	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/21/93	15	52.	65.2	179.	28.	1720.457	41.478	29.8	38.	97.	142.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/21/93	16	266.	263.688	337.	195.	1423.029	37.723	213.2	226.5	288.75	322.3
00300p	OXYGEN, DISSOLVED MG/L	04/03/73-10/21/93	16	9.2	9.231	10.6	8.	0.49	0.7	8.35	8.625	9.85	10.25
00400p	PH (STANDARD UNITS)	04/03/73-10/21/93	16	7.4	7.45	7.9	7.2	0.027	0.163	7.27	7.325	7.5	7.69
00400p	CONVERTED PH (STANDARD UNITS)	04/03/73-10/21/93	16	7.4	7.425	7.9	7.2	0.027	0.165	7.27	7.325	7.5	7.69
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/73-10/21/93	16	0.04	0.038	0.063	0.013	0.	0.012	0.021	0.032	0.048	0.054
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	10	182.5	175.9	210.	120.	899.211	29.987	121.	160.	196.	209.8
00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/21/93	16	0.015	0.023	0.09	0.	0.001	0.025	0.004	0.005	0.03	0.076
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/21/93	16 ##	0.005	0.006	0.02	0.	0.	0.005	0.	0.005	0.009	0.013
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/21/93	16	0.205	0.28	1.	0.02	0.064	0.252	0.041	0.1	0.383	0.72
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/21/93	16	0.39	0.458	1.7	0.26	0.119	0.344	0.288	0.3	0.44	0.951
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/21/93	16	0.015	0.02	0.06	0.005	0.	0.016	0.005	0.006	0.03	0.046
01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/76-10/21/93	14 ##	0.5	1.607	9.	0.	5.738	2.395	0.25	0.5	1.5	6.5
01051	LEAD, TOTAL (UG/L AS PB)	09/22/76-10/21/93	14	3.	16.143	120.	0.5	1061.324	32.578	0.75	1.	13.75	85.
01077	SILVER, TOTAL (UG/L AS AG)	09/22/76-10/21/93	14 ##	0.5	0.429	1.	0.	0.11	0.331	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/22/76-10/21/93	14	10.	18.714	60.	5.	293.912	17.144	5.	6.5	22.5	55.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/21/93	14	10.	16.286	64.	2.	288.835	16.995	2.5	4.75	21.25	51.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/21/93	14	1.	1.02	1.806	0.301	0.184	0.429	0.389	0.675	1.325	1.693
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			10.466								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/21/93	14	42.5	141.643	1300.	6.	113331.324	336.647	7.	13.5	110.	725.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/21/93	14	1.626	1.64	3.114	0.778	0.37	0.609	0.841	1.129	2.037	2.645
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			43.669								

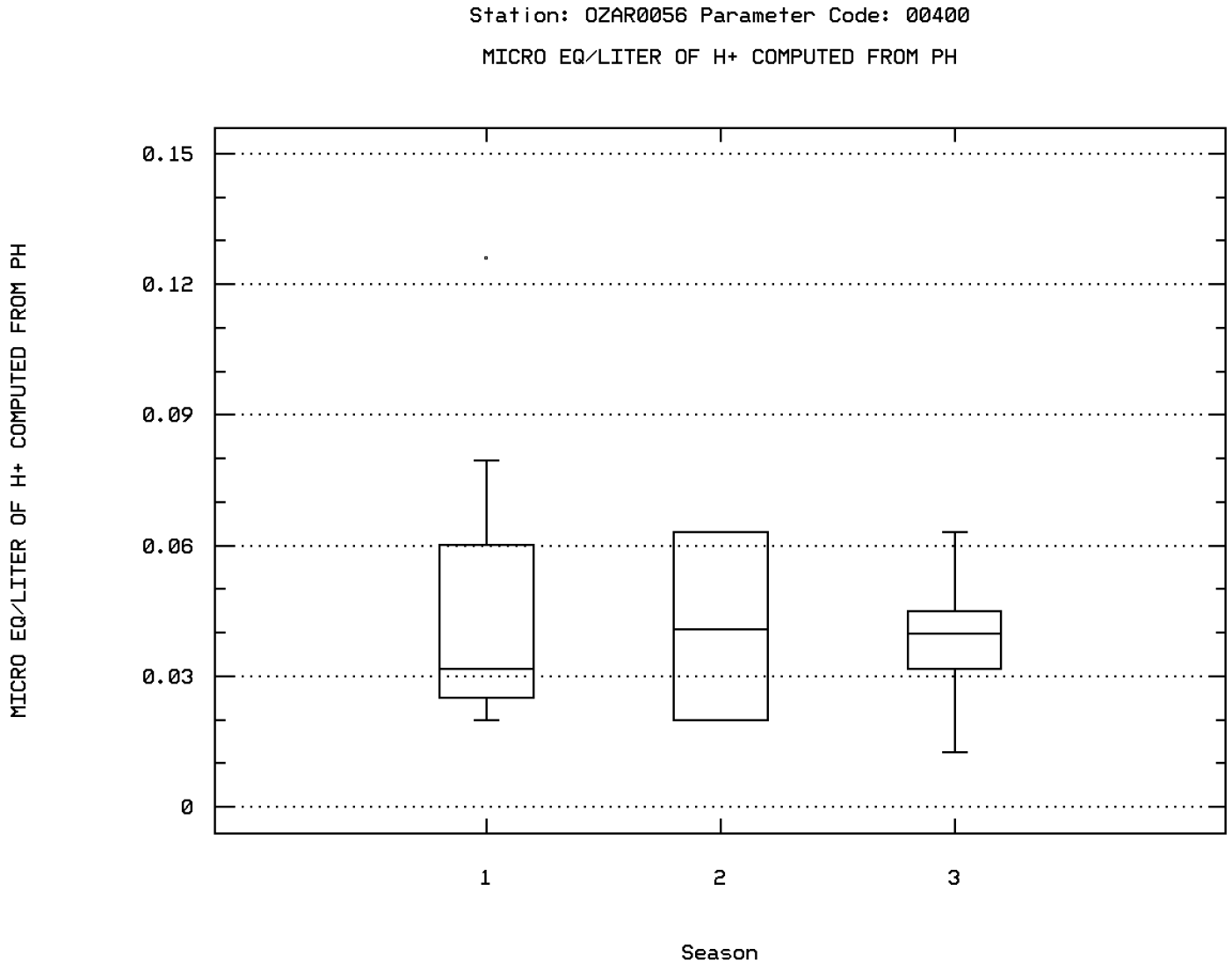
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



ROUND SPRING AT ROUND SPRING MO



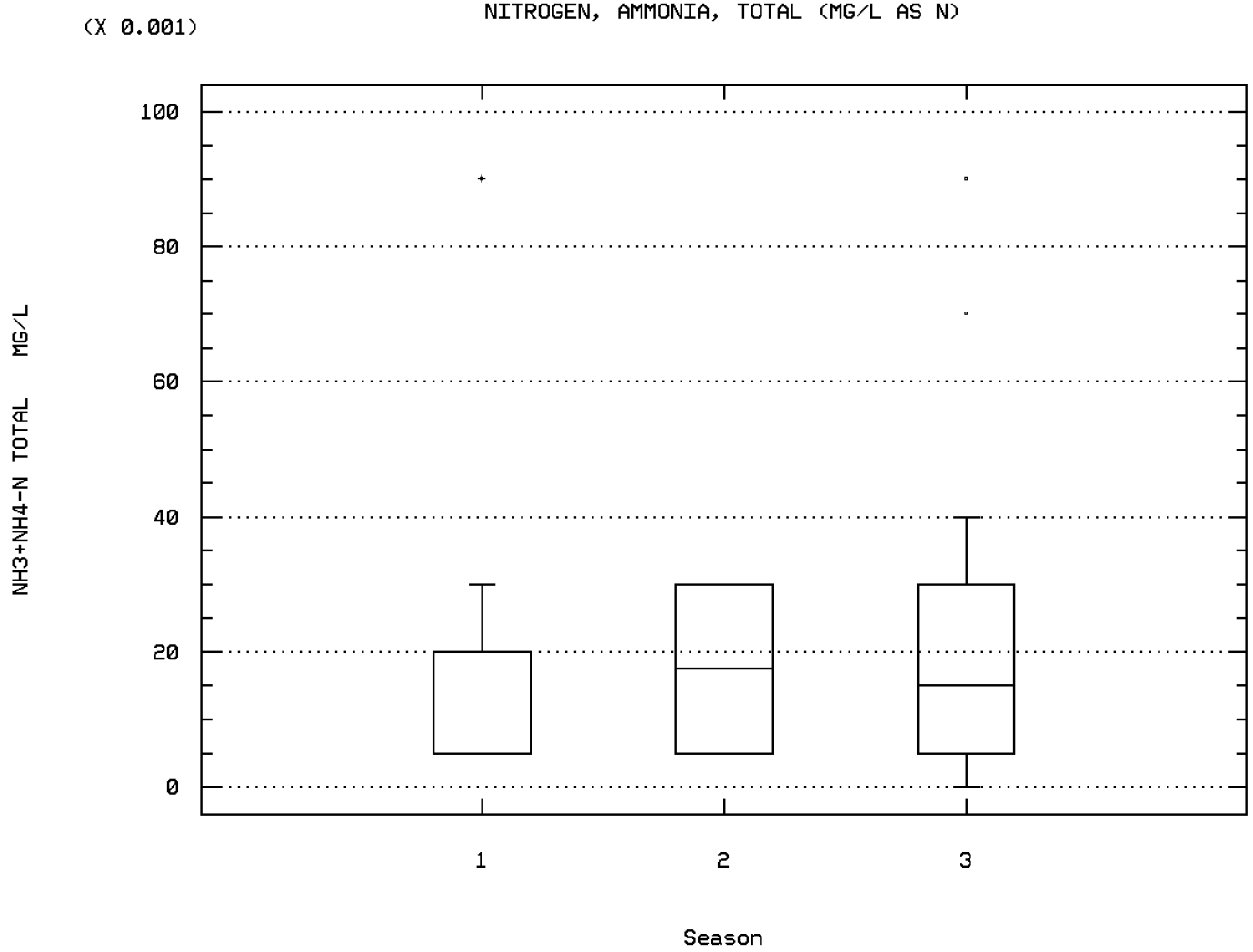
ROUND SPRING AT ROUND SPRING MO



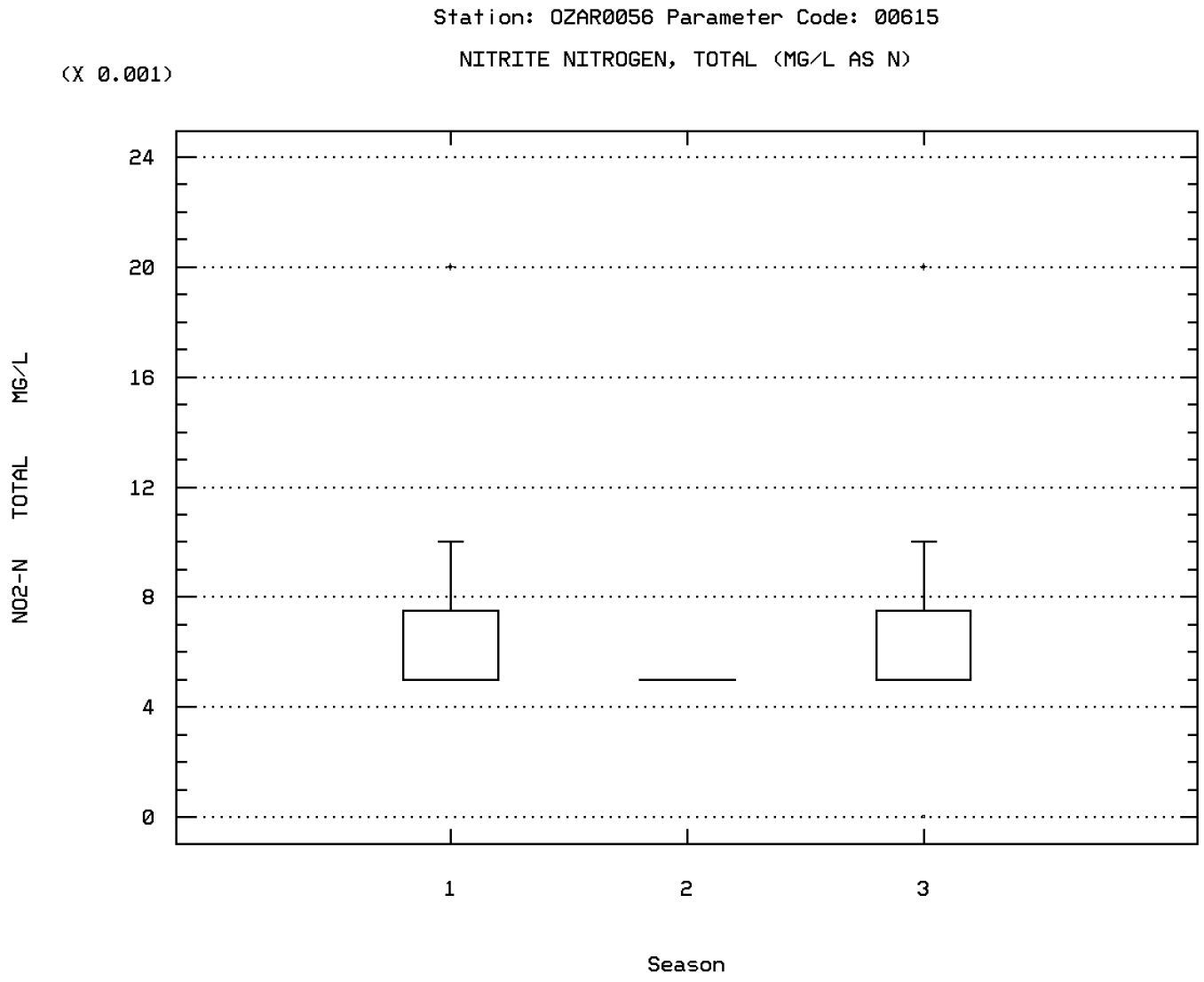
ROUND SPRING AT ROUND SPRING MO

Station: OZAR0056 Parameter Code: 00610

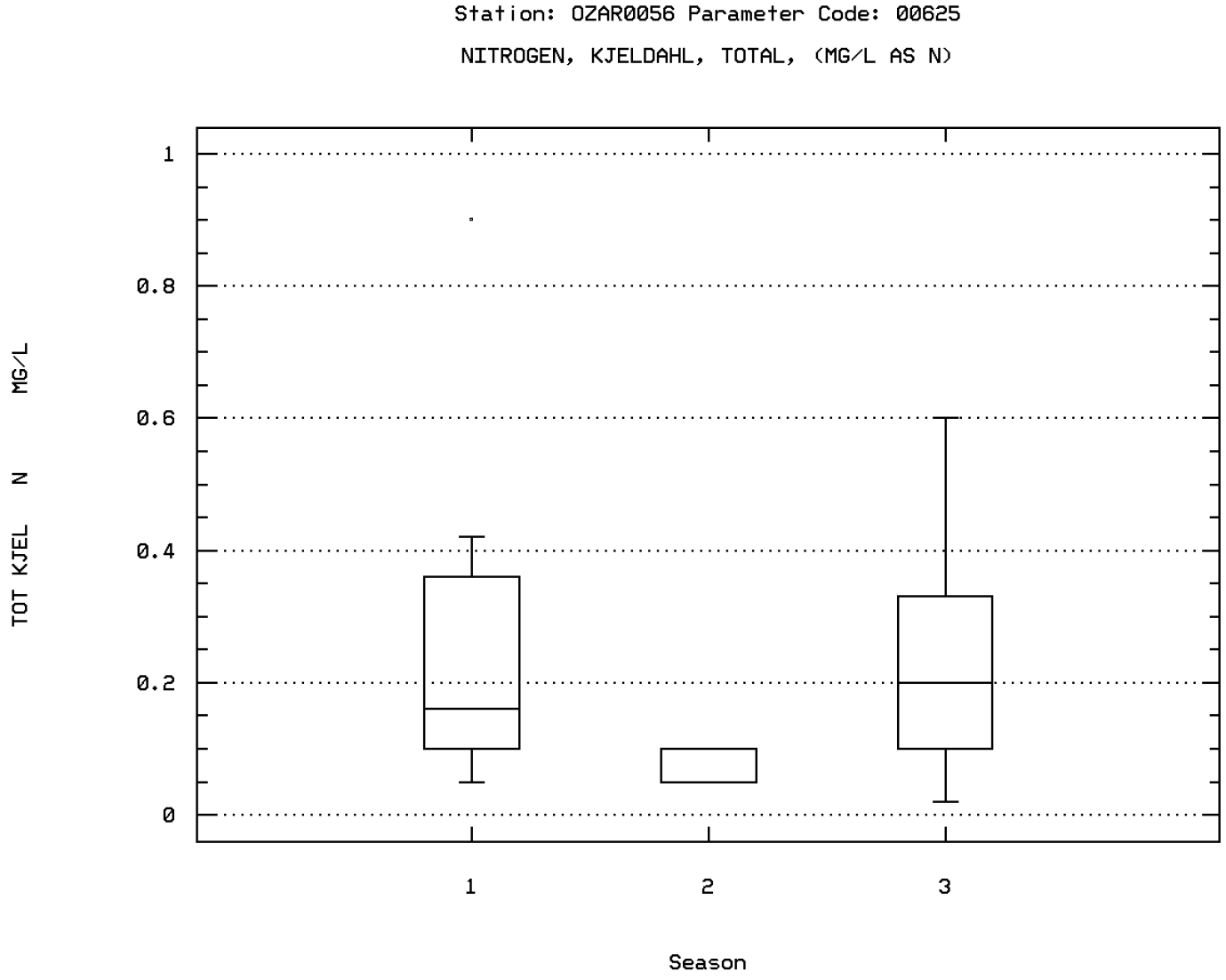
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



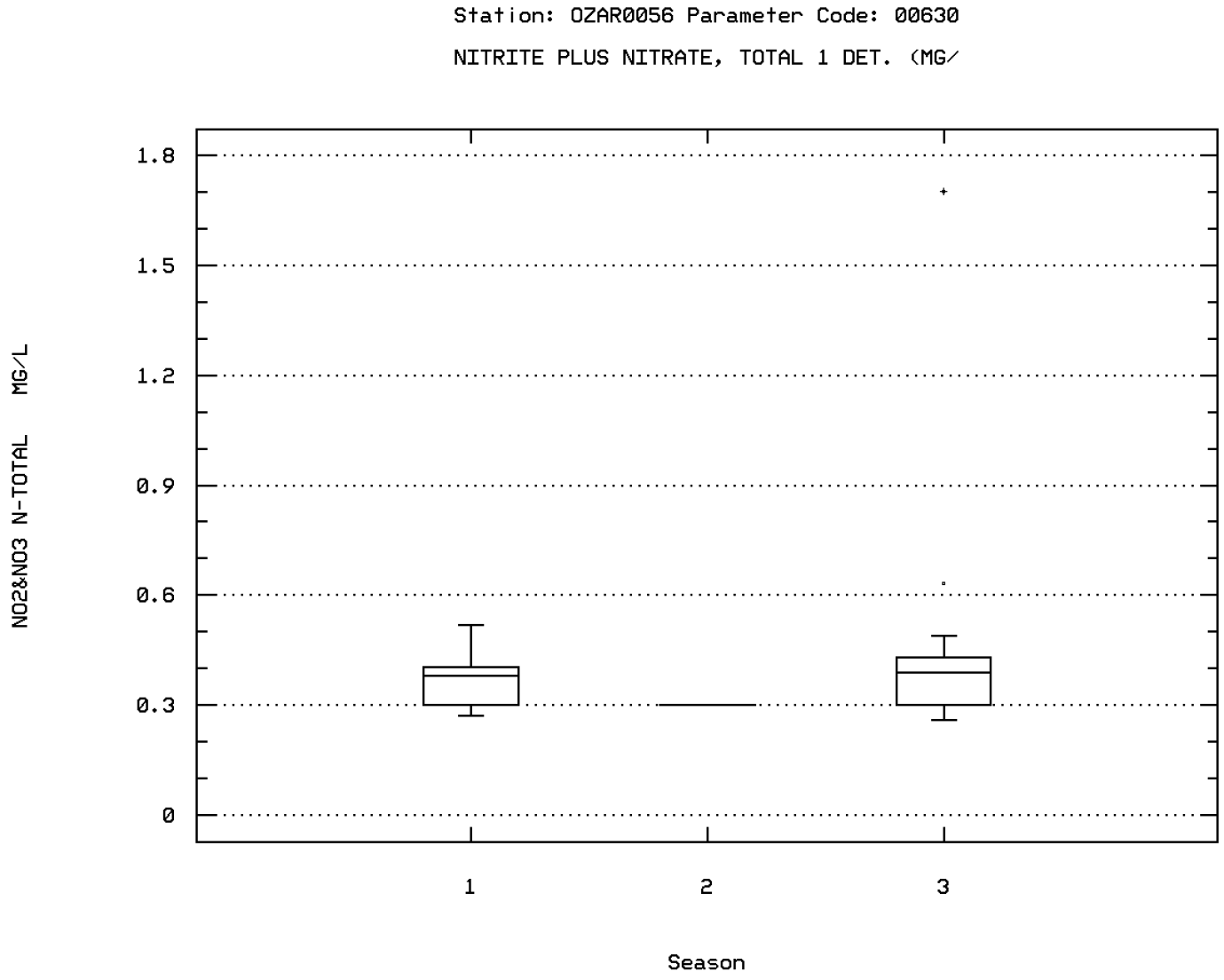
ROUND SPRING AT ROUND SPRING MO



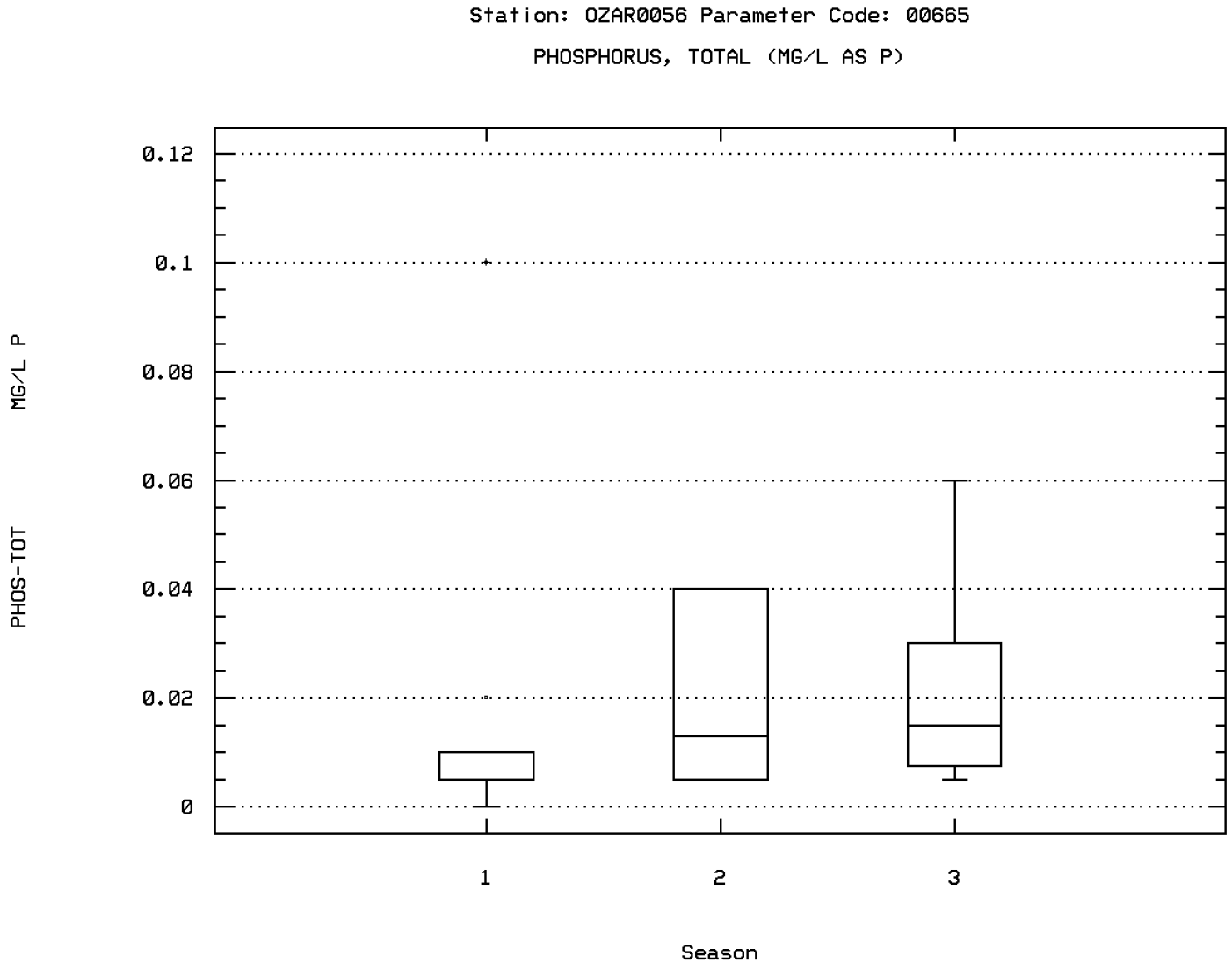
ROUND SPRING AT ROUND SPRING MO



ROUND SPRING AT ROUND SPRING MO



ROUND SPRING AT ROUND SPRING MO



ROUND SPRING AT ROUND SPRING MO

Station Inventory for Station: OZAR0057

NPS Station ID: OZAR0057 | LAT/LON: 37.282503/ -91.408059 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: ROUND SPRING | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): RDSP
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE SPRING BRANCH BELOW ROUND SPRING. SAMPLE IS TAKEN FROM THE FOOT BRIDGE THAT CROSSES THE SPRING BRANCH.

Parameter Inventory for Station: OZAR0057

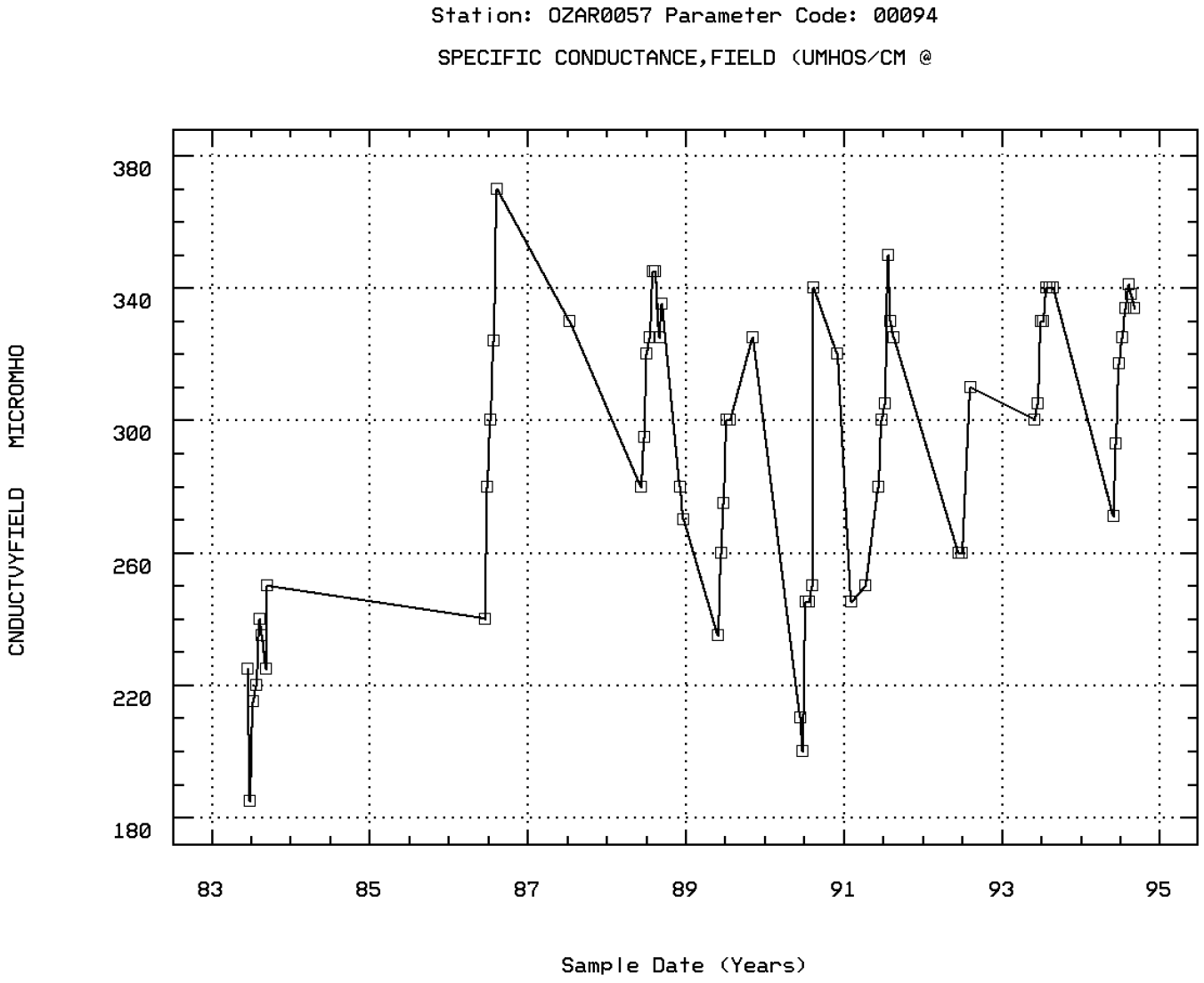
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	86	14.	14.277	16.	12.	0.83	0.911	13.	13.675	15.	15.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	44	25.6	24.093	35.	2.9	50.221	7.087	13.95	22.25	27.95	31.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	63	300.	290.746	370.	185.	2014.87	44.887	225.	250.	330.	340.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-08/23/94	10	9.65	10.04	14.3	9.	2.38	1.543	9.01	9.175	10.	13.87
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	50	7.575	7.573	8.5	6.8	0.112	0.335	7.131	7.4	7.71	8.022
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	50	7.575	7.457	8.5	6.8	0.126	0.355	7.131	7.4	7.71	8.022
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	50	0.027	0.035	0.158	0.003	0.001	0.027	0.01	0.02	0.04	0.074
00406	PH, FIELD, STANDARD UNITS SU	06/12/91-08/24/93	15	7.48	7.483	8.06	7.05	0.057	0.239	7.146	7.33	7.61	7.85
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/12/91-08/24/93	15	7.48	7.426	8.06	7.05	0.06	0.246	7.146	7.33	7.61	7.85
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/91-08/24/93	15	0.033	0.037	0.089	0.009	0.	0.02	0.015	0.025	0.047	0.073
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	53	170.	167.132	340.	75.	1155.078	33.986	132.4	152.5	180.	192.6
00600p	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	41	0.34	0.343	0.6	0.11	0.009	0.096	0.212	0.295	0.4	0.476
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-07/28/86	7	0.2	0.214	0.34	0.15	0.005	0.067	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	36	0.01	0.01	0.016	0.004	0.	0.003	0.007	0.008	0.012	0.014
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	84	8.	20.726	220.	0.	1447.792	38.05	0.	4.	18.	44.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	84	0.903	0.936	2.342	0.	0.331	0.575	0.	0.602	1.255	1.643
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.637								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	68	20.	49.853	624.	0.	8225.948	90.697	5.	10.	50.	122.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	68	1.301	1.35	2.795	0.	0.281	0.53	0.699	1.	1.699	2.086
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.398								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	12/05/88-09/06/94	30	0.3	0.316	0.8	0.07	0.037	0.193	0.1	0.2	0.5	0.68

** - 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

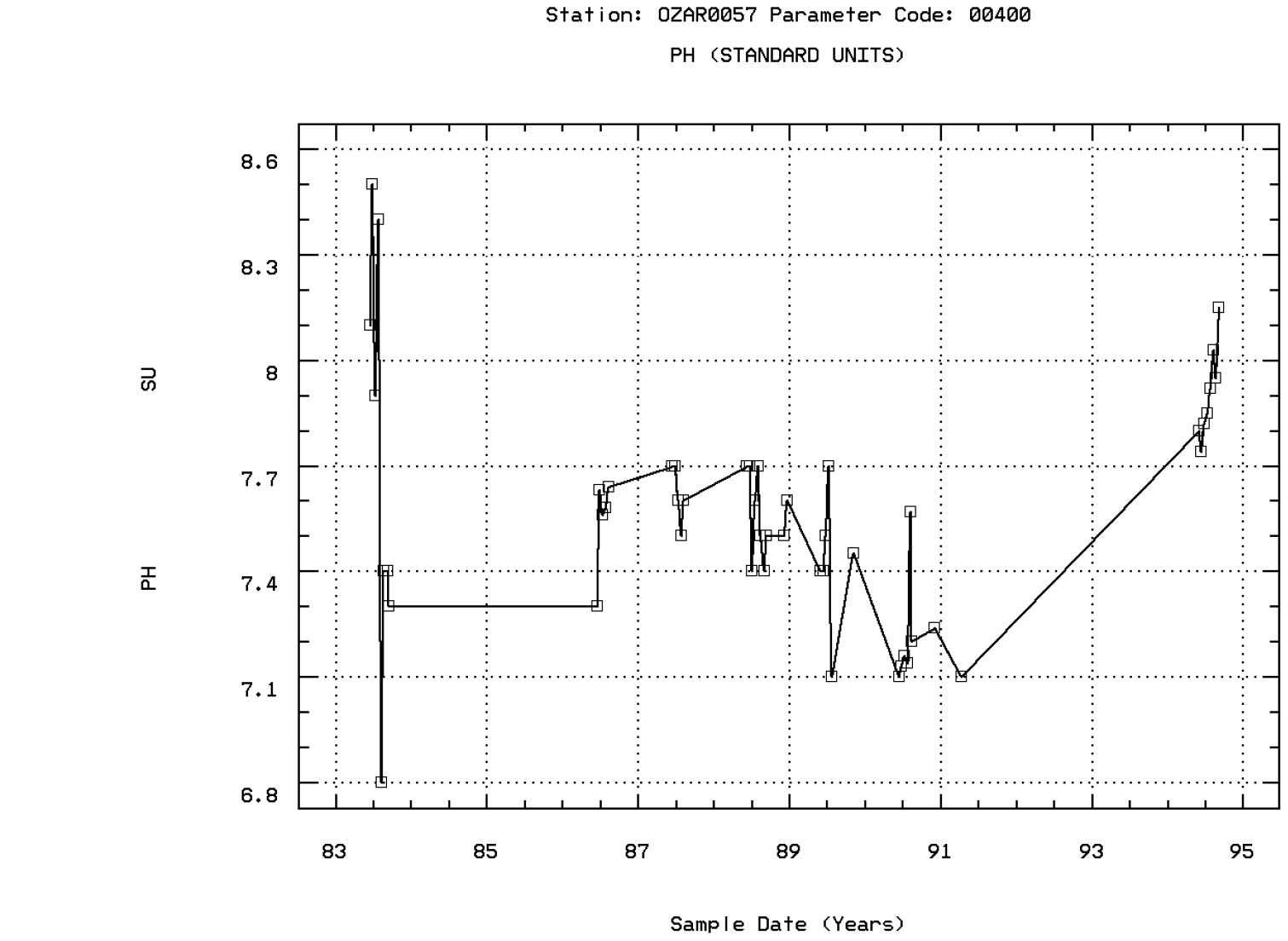
EPA Water Quality Criteria Analysis for Station: OZAR0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	4	0	0.00				6	0	0.00			
00400	PH	Other-Hi Lim.	9.	50	0	0.00	15	0	0.00	5	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	50	0	0.00	15	0	0.00	5	0	0.00	30	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	15	0	0.00	4	0	0.00				11	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	4	0	0.00				11	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	2	0	0.00				5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	84	2	0.02	32	1	0.03	6	0	0.00	46	1	0.02			

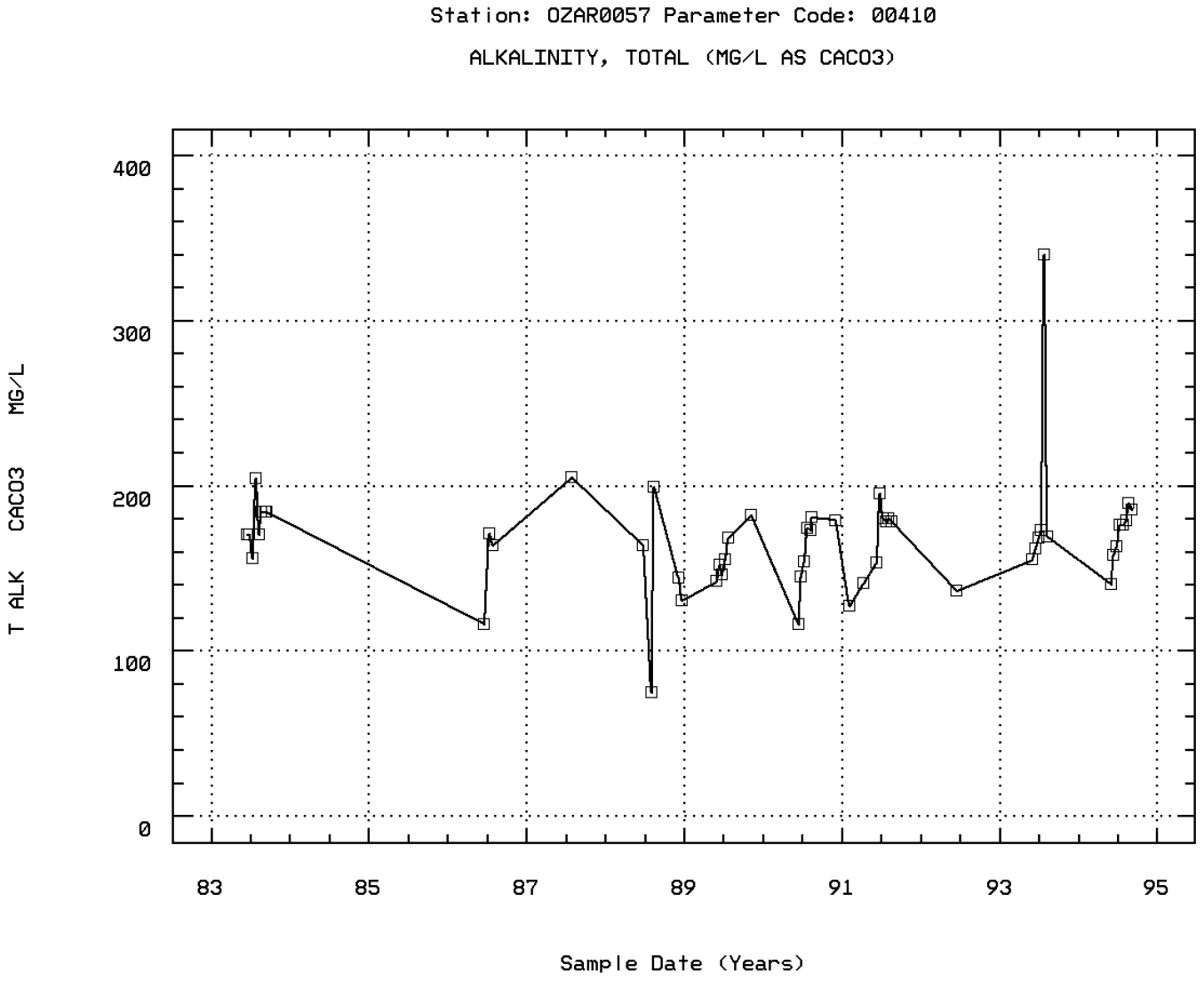
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



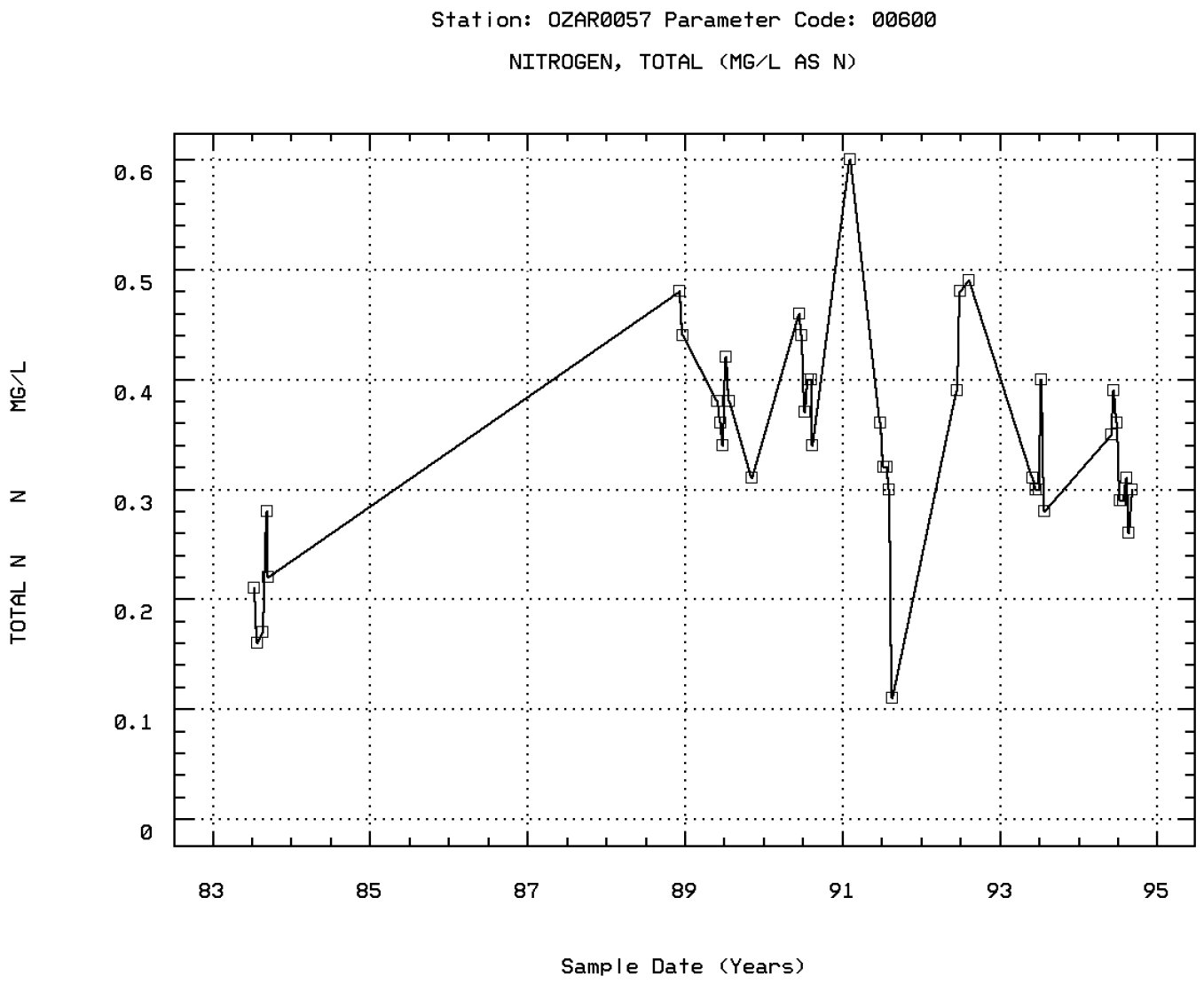
ROUND SPRING



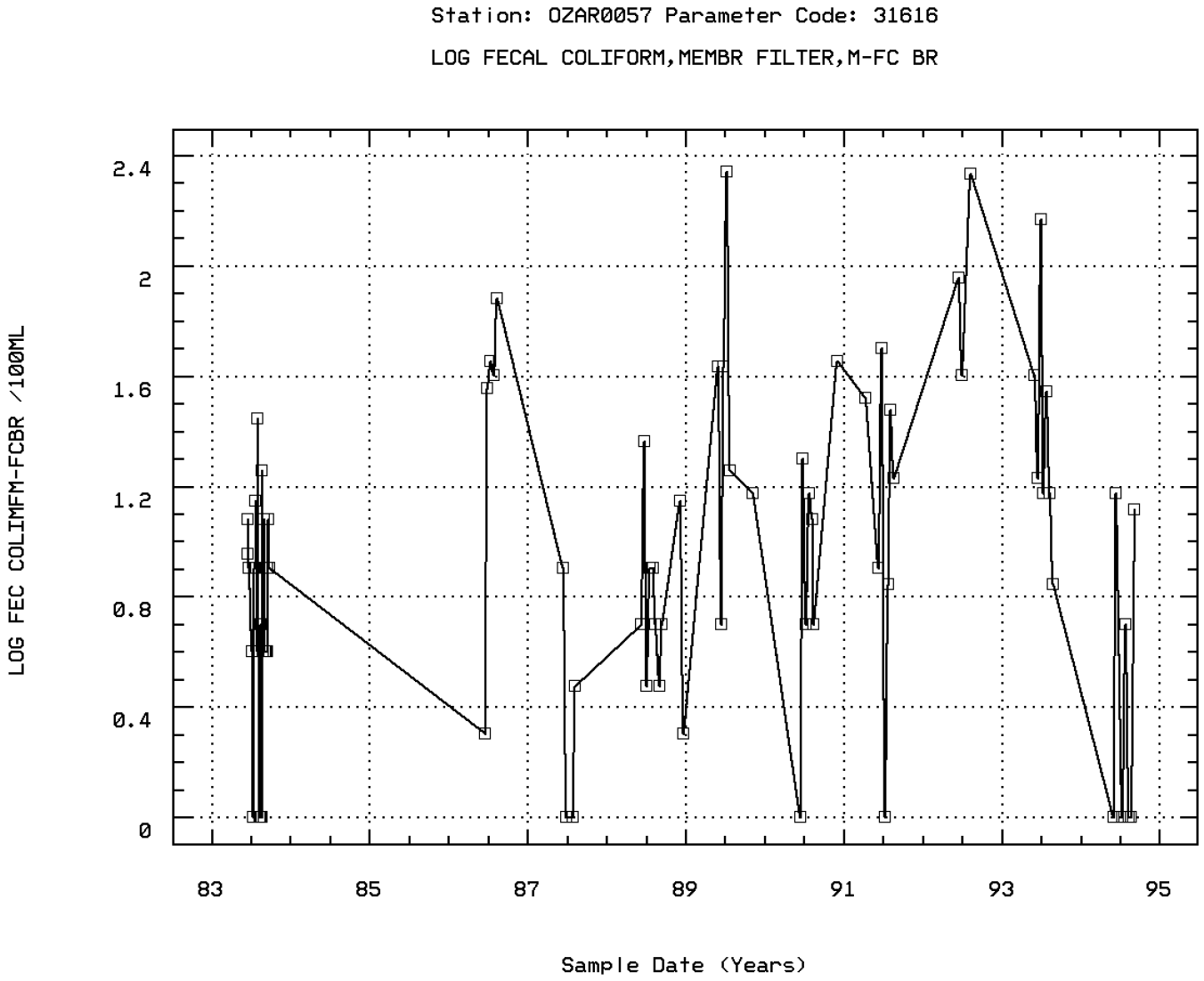
ROUND SPRING



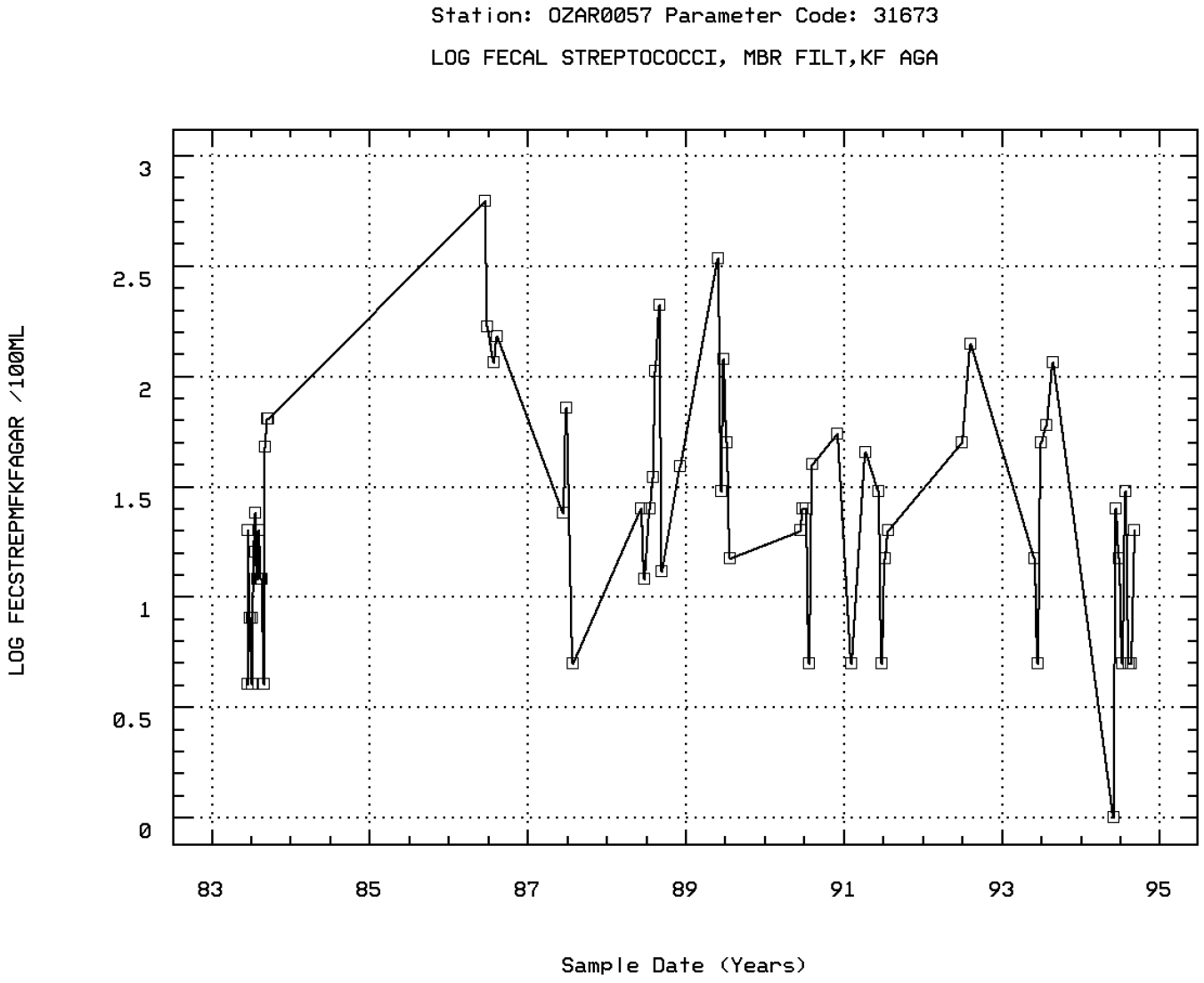
ROUND SPRING



ROUND SPRING



ROUND SPRING



ROUND SPRING

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	31	15.	14.632	15.6	13.	0.464	0.681	13.82	14.	15.	15.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	11	26.	25.464	34.	18.	20.517	4.53	18.6	21.3	27.8	33.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	19	334.	311.474	370.	225.	2080.819	45.616	235.	250.	340.	345.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	15	7.5	7.543	8.15	6.8	0.115	0.338	7.04	7.4	7.7	8.078
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	15	7.5	7.415	8.15	6.8	0.132	0.363	7.04	7.4	7.7	8.078
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	15	0.032	0.038	0.158	0.007	0.001	0.037	0.008	0.02	0.04	0.101
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	14	180.5	173.571	199.	75.	864.418	29.401	122.	172.25	184.25	194.
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	11	0.3	0.289	0.49	0.11	0.011	0.104	0.122	0.22	0.34	0.472
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	32	5.	16.531	215.	0.	1510.773	38.869	0.	4.	12.75	29.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	32	0.699	0.815	2.332	0.	0.289	0.538	0.	0.602	1.105	1.468
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.526								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	22	20.	50.273	210.	4.	3359.065	57.957	5.	10.	74.25	148.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	22	1.301	1.415	2.322	0.602	0.277	0.526	0.699	1.	1.86	2.171
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			25.989								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	6	13.55	13.417	14.	12.4	0.35	0.591	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	6	9.2	9.683	17.2	2.9	38.622	6.215	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	6	275.	281.667	325.	245.	1166.667	34.157	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	5	7.45	7.378	7.6	7.1	0.041	0.204	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	5	7.45	7.339	7.6	7.1	0.043	0.208	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	5	0.035	0.046	0.079	0.025	0.001	0.022	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	6	142.5	150.5	182.	127.	581.9	24.123	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	4	0.46	0.458	0.6	0.31	0.014	0.12	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	14.5	19.833	45.	2.	255.767	15.993	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	1.161	1.132	1.653	0.301	0.226	0.476	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.567								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	39.	30.8	55.	5.	488.2	22.095	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	1.591	1.337	1.74	0.699	0.212	0.46	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			21.713								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	49	14.	14.157	16.	12.	0.955	0.977	13.	13.4	15.	15.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	27	26.1	26.737	35.	18.5	11.768	3.43	22.8	25.	29.	31.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	38	294.	281.816	350.	185.	1890.425	43.479	214.5	245.	321.	330.4
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	30	7.615	7.621	8.5	7.1	0.119	0.345	7.131	7.4	7.805	8.082
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	30	7.615	7.505	8.5	7.1	0.133	0.365	7.131	7.4	7.805	8.082
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	30	0.024	0.031	0.079	0.003	0.001	0.023	0.008	0.016	0.04	0.074
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	33	164.	167.424	340.	116.	1364.814	36.943	137.6	152.5	175.	200.4
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/06/94	26	0.36	0.348	0.48	0.16	0.005	0.072	0.259	0.3	0.393	0.446
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	46	8.5	23.761	220.	0.	1579.164	39.739	0.	4.75	35.25	46.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	46	0.929	0.995	2.342	0.	0.366	0.605	0.	0.675	1.547	1.667
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.896								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	41	20.	51.951	624.	0.	11916.148	109.161	5.	9.	40.	119.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	41	1.301	1.317	2.795	0.	0.301	0.549	0.699	0.952	1.588	2.076
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			20.759								

** - Less than 9 observations ## - Computed 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: OZAR0058

NPS Station ID: OZAR0058
LAT/LON: 37.286142/ -91.408920
Agency: 21MO0001
Date Created: 05/11/85
Location: T30N, R4W, SECTION 20, NW, NW
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 11010008030
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: WHITE RIVER
Elevation: 0
Water Body Id:
Minor Basin: CURRENT RIVER
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008002403.63
RF3 Mile Point: 3.63
Distance from RF3: 0.00
On/Off RF3:
Description:
COUNTY: SHANNON ESTABLISHED FOR: ROUND SPRINGS. SOME LIMNOLOGICAL CHARACTERISTICS OF SIX OZARK STREAMS BY HUGH F. CLIFFORD.

Parameter Inventory for Station: OZAR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/27/61-11/06/61	8	59.	59.625	68.	51.	29.125	5.397	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/61-11/06/61	8	3.5	3.875	9.	1.	5.839	2.416	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/61-11/06/61	8	298.	268.25	338.	156.	4567.357	67.582	**	**	**	**
00400	PH (STANDARD UNITS)	06/22/61-11/06/61	5	7.8	7.76	8.	7.5	0.033	0.182	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/22/61-11/06/61	5	7.8	7.729	8.	7.5	0.034	0.185	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/61-11/06/61	5	0.016	0.019	0.032	0.01	0.	0.008	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/22/61-11/06/61	5	6.	6.3	10.	4.	5.2	2.28	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/27/61-11/06/61	8	162.	158.75	192.	114.	908.5	30.141	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/61-11/06/61	7	0.	0.001	0.002	0.	0.	0.001	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/61-11/06/61	7	0.006	0.009	0.016	0.005	0.	0.005	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/61-11/06/61	8	7.8	7.913	9.3	7.	0.516	0.718	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/25/61-11/06/61	7	0.3	0.257	0.3	0.2	0.003	0.053	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			

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

Station Inventory for Station: OZAR0059

NPS Station ID: OZAR0059 | LAT/LON: 37.286948/ -91.410004 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: ROUND SPRING - UPPER ACCESS | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROUU
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE CURRENT RIVER AT THE ACCESS BEHIND CARRS CANOE RENTAL - JUST UPSTREAM FROM THE CURRENT RIVER BRIDGE.

Parameter Inventory for Station: OZAR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-07/27/87	38	20.	19.837	22.2	14.4	2.232	1.494	17.74	19.4	20.6	21.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-07/27/87	2	27.5	27.5	30.	25.	12.5	3.536	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	8	215.	215.	240.	185.	271.429	16.475	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	6	10.3	10.933	14.3	9.8	2.803	1.674	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-07/27/87	10	8.15	7.97	8.5	6.8	0.309	0.556	6.88	7.6	8.425	8.5
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-07/27/87	10	8.147	7.581	8.5	6.8	0.477	0.691	6.88	7.6	8.425	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-07/27/87	10	0.007	0.026	0.158	0.003	0.002	0.047	0.003	0.004	0.025	0.145
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-07/27/87	8	170.	167.625	185.	136.	204.839	14.312	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	6	0.28	0.26	0.32	0.11	0.006	0.076	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	6	0.28	0.26	0.32	0.11	0.006	0.076	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-07/27/87	33	12.	20.212	110.	0.	601.672	24.529	0.	4.5	24.	52.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-07/27/87	33	1.079	1.045	2.041	0.	0.283	0.532	0.	0.651	1.38	1.706
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.1								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/27/87	17	44.	47.882	168.	4.	1736.235	41.668	4.	18.	62.	121.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/27/87	17	1.643	1.501	2.225	0.602	0.21	0.459	0.602	1.253	1.79	2.078
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			31.713								

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

EPA Water Quality Criteria Analysis for Station: OZAR0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	3	0	0.00				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	10	0	0.00	4	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	4	0	0.00				6	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	3	0	0.00				3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	0	0.00	17	0	0.00				16	0	0.00			

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

Station Inventory for Station: OZAR0060

NPS Station ID: OZAR0060
LAT/LON: 37.288060/ -91.411948
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER ABOVE ROUND SPRING
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07064940
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008030
RF1 Mile Point: 0.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008003405.79
RF3 Mile Point: 6.78
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/73-10/16/73	3	17.5	16.5	18.	14.	4.75	2.179	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	936.	936.	936.	936.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/19/73-10/16/73	3	867.	867.667	936.	800.	4624.333	68.002	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/73-10/16/73	3	296.	302.333	322.	289.	302.333	17.388	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/19/73-10/16/73	3	8.5	8.633	9.	8.4	0.103	0.321	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/19/73-10/16/73	3	88.	87.333	88.	86.	1.333	1.155	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/19/73-06/19/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/19/73-10/16/73	3	7.9	7.867	7.9	7.8	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/19/73-10/16/73	3	7.9	7.864	7.9	7.8	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/73-10/16/73	3	0.013	0.014	0.016	0.013	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/19/73-10/16/73	3	3.7	4.233	5.3	3.7	0.853	0.924	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/73-10/16/73	3	153.	158.333	171.	151.	121.333	11.015	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/19/73-10/16/73	3	186.	192.667	208.	184.	177.333	13.317	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/19/73-10/16/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.65	0.607	0.66	0.51	0.007	0.084	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.15	0.163	0.2	0.14	0.001	0.032	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.02	0.018	0.03	0.005	0.	0.013	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.48	0.423	0.48	0.31	0.01	0.098	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/73-10/16/73	3	0.18	0.18	0.2	0.16	0.	0.02	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	3	0.48	0.427	0.49	0.31	0.01	0.101	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/73-10/16/73	3	0.01	0.022	0.05	0.005	0.001	0.025	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/19/73-10/16/73	3 ##	0.005	0.013	0.03	0.005	0.	0.014	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/73-10/16/73	3	54.	67.333	130.	18.	3269.333	57.178	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/73-10/16/73	3	1.732	1.701	2.114	1.255	0.185	0.43	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.181								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/19/73-10/16/73	3	140.	234.667	480.	84.	45925.333	214.302	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/19/73-10/16/73	3	2.146	2.251	2.681	1.924	0.151	0.389	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			178.053								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	3	2.9	2.7	2.9	2.3	0.12	0.346	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OZAR0061

NPS Station ID: OZAR0061 LAT/LON: 37.307338/ -91.412587 Agency: 21MO0001 Date Created: 10/06/84
Location: T30N, R4W, SEC.7, SE 1/4, HYW, 19 CROSSING FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1101000803301
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: CURRENT RIVER ECO Region:
RF1 Index: 11010008031 RF1 Mile Point: 0.490 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008002500.00 RF3 Mile Point: 0.41 Distance from RF3: 0.05 On/Off RF3:
Description:
COUNTY: SHANNON ESTABLISHED FOR: SINKING CREEK WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	1	59.9	59.9	59.9	59.9	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	1	172.	172.	172.	172.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	1	324.	324.	324.	324.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/73-10/16/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/73-10/16/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/73-10/16/73	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	39.	39.	39.	39.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	1.591	1.591	1.591	1.591	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	160.	160.	160.	160.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	2.204	2.204	2.204	2.204	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			160.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	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: OZAR0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0062

NPS Station ID: OZAR0062
LAT/LON: 37.303337/ -91.413892
Agency: 112WRD
Date Created: / /
Location: SINKING CREEK NEAR ROUND SPRING, MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07064800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008031
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008011601.12
RF3 Mile Point: 1.39
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/16/73	4	18.	16.875	21.5	10.	27.896	5.282	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	12/02/64-10/16/73	2	90.	90.	146.	34.	6272.	79.196	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/16/73	4	139.5	164.	277.	100.	6050.	77.782	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/02/64-07/31/73	3	2.	3.	5.	2.	3.	1.732	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/02/64-10/16/73	5	324.	301.6	346.	222.	2403.3	49.023	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/03/73-10/16/73	4	8.3	8.725	10.5	7.8	1.623	1.274	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/03/73-10/16/73	4	88.	89.	93.	87.	7.333	2.708	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/03/73-07/31/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/02/64-10/16/73	5	8.	7.96	8.1	7.8	0.023	0.152	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/02/64-10/16/73	5	8.	7.939	8.1	7.8	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/64-10/16/73	5	0.01	0.012	0.016	0.008	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/03/73-10/16/73	4	3.7	3.725	5.3	2.2	2.269	1.506	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-10/16/73	4	162.5	152.5	172.	113.	773.667	27.815	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/02/64-10/16/73	5	210.	195.2	232.	138.	1287.2	35.878	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/02/64-10/16/73	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.49	0.403	0.53	0.19	0.035	0.186	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/03/73-10/16/73	4	0.16	0.158	0.31	0.	0.019	0.139	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/16/73	4	0.065	0.066	0.13	0.005	0.005	0.068	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/73-10/16/73	4	0.08	0.095	0.17	0.05	0.003	0.053	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/16/73	4	0.225	0.235	0.44	0.05	0.036	0.189	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	3	0.09	0.107	0.18	0.05	0.004	0.067	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/16/73	4	0.013	0.015	0.03	0.004	0.	0.013	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/73-10/16/73	4 ##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/64-07/31/73	3	150.	150.	190.	110.	1600.	40.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/02/64-07/31/73	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/02/64-07/31/73	3	32.	31.333	38.	24.	49.333	7.024	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/02/64-07/31/73	3	18.	18.	23.	13.	25.	5.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/02/64-07/31/73	3	1.1	1.167	1.3	1.1	0.013	0.115	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/03/73-07/31/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/03/73-07/31/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/02/64-07/31/73	3	0.8	0.7	0.9	0.4	0.07	0.265	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/64-07/31/73	3	0.9	0.867	1.	0.7	0.023	0.153	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/64-07/31/73	3	5.	4.333	5.	3.	1.333	1.155	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/02/64-07/31/73	3 ##	0.05	0.033	0.05	0.	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/02/64-07/31/73	3	6.5	7.033	8.2	6.4	1.023	1.012	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/03/73-07/31/73	2	105.	105.	190.	20.	14450.	120.208	**	**	**	**

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

Parameter Inventory for Station: OZAR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/02/64-07/31/73	3 ##	5.	3.333	5.	0.	8.333	2.887	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/03/73-04/03/73	1	250.	250.	250.	250.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/03/73-04/03/73	1	2.398	2.398	2.398	2.398	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			250.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-10/16/73	4	34.5	139.75	480.	10.	51600.25	227.157	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-10/16/73	4	1.534	1.687	2.681	1.	0.505	0.71	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			48.681								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/03/73-10/16/73	4	140.	143.	270.	22.	10529.333	102.613	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/03/73-10/16/73	4	2.142	2.014	2.431	1.342	0.222	0.471	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			103.341								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/03/73-07/31/73	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/02/64-07/31/73	3	154.	150.333	175.	122.	712.333	26.69	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/02/64-07/31/73	3	158.	154.667	187.	119.	1164.333	34.122	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	12/02/64-07/31/73	3	55.3	54.233	91.2	16.2	1407.103	37.511	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/02/64-07/31/73	3	0.21	0.207	0.24	0.17	0.001	0.035	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/02/64-12/02/64	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	12/02/64-12/02/64	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	3	2.2	1.767	2.3	0.8	0.703	0.839	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/01-10/31---------- Obs	Exceed	Prop.	----------11/01-4/20---------- Obs	Exceed	Prop.	----------4/21-7/31---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00				2	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	1	0	0.00	1	0	0.00	2	1	0.50			
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: OZAR0063

NPS Station ID: OZAR0063 | LAT/LON: 37.282727/ -91.414310 | Agency: 21MO0001 | Date Created: 10/06/84
Location: T30N, R4W, SEC. 19, NE 1/4, SPRING BRANCH | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 1101000804101
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: WHITE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: CURRENT RIVER | ECO Region:
RF1 Index: 11010008030 | RF1 Mile Point: 0.140 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 11010008003400.00 | RF3 Mile Point: 0.19 | Distance from RF3: 0.15 | On/Off RF3:
Description:
COUNTY: SHANNON ESTABLISHED FOR: ROUND SPRINGS WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	1	57.2	57.2	57.2	57.2	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	1	148.	148.	148.	148.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	1	273.	273.	273.	273.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/73-10/16/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/73-10/16/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/73-10/16/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	32.	32.	32.	32.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	1.505	1.505	1.505	1.505	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	91.	91.	91.	91.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	1.959	1.959	1.959	1.959	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			91.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	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: OZAR0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0064

NPS Station ID: OZAR0064
LAT/LON: 37.158615/ -91.428059
Agency: 112WRD
Date Created: / /
Location: JACKS FORK BELOW ALLEY SPRING
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07065510
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008044
RF1 Mile Point: 3.410
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008002906.57
RF3 Mile Point: 6.81
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/16/73	4	18.25	16.875	20.	11.	18.063	4.25	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	443.	443.	443.	443.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/16/73	4	408.5	537.	1100.	231.	148670.	385.577	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-07/31/73	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/16/73	4	278.	272.75	306.	229.	1105.583	33.25	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/16/73	4	9.45	9.5	10.7	8.4	0.887	0.942	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-10/16/73	4	97.	96.75	102.	91.	20.25	4.5	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/04/73-07/31/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/04/73-10/16/73	4	7.9	7.875	7.9	7.8	0.003	0.05	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/04/73-10/16/73	4	7.9	7.873	7.9	7.8	0.003	0.05	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/73-10/16/73	4	0.013	0.013	0.016	0.013	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-10/16/73	4	3.75	3.675	4.4	2.8	0.436	0.66	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-10/16/73	4	146.	139.75	154.	113.	348.917	18.679	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-10/16/73	4	178.	170.5	188.	138.	515.667	22.708	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/04/73-10/16/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.48	0.593	0.89	0.41	0.067	0.259	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-10/16/73	4	0.06	0.12	0.33	0.03	0.02	0.141	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/16/73	4	0.06	0.065	0.12	0.02	0.002	0.044	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-10/16/73	4	0.36	0.375	0.47	0.31	0.006	0.075	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/16/73	4	0.125	0.185	0.41	0.08	0.023	0.153	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	3	0.4	0.397	0.48	0.31	0.007	0.085	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/16/73	4 ##	0.013	0.015	0.03	0.005	0.	0.012	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/16/73	4 ##	0.013	0.013	0.02	0.005	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-07/31/73	2	130.	130.	150.	110.	800.	28.284	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-07/31/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-07/31/73	2	27.	27.	30.	24.	18.	4.243	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-07/31/73	2	15.5	15.5	18.	13.	12.5	3.536	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-07/31/73	2	1.7	1.7	1.8	1.6	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/04/73-07/31/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/04/73-07/31/73	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-07/31/73	2	1.05	1.05	1.1	1.	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-07/31/73	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-07/31/73	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-07/31/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-07/31/73	2	7.75	7.75	8.5	7.	1.125	1.061	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-07/31/73	2	65.	65.	90.	40.	1250.	35.355	**	**	**	**

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

Parameter Inventory for Station: OZAR0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-07/31/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	1	180.	180.	180.	180.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/04/73-04/04/73	1	2.255	2.255	2.255	2.255	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			180.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/16/73	4	118.	121.25	240.	9.	10083.583	100.417	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-10/16/73	4	2.042	1.855	2.38	0.954	0.403	0.635	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			71.589								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-10/16/73	4	310.	302.25	560.	29.	60140.25	245.235	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/04/73-10/16/73	4	2.442	2.274	2.748	1.462	0.343	0.586	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			187.742								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-07/31/73	2	0.03	0.03	0.06	0.	0.002	0.042	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-07/31/73	2	135.5	135.5	147.	124.	264.5	16.263	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-07/31/73	2	138.5	138.5	155.	122.	544.5	23.335	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-07/31/73	2	229.85	229.85	368.	91.7	38170.845	195.374	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-07/31/73	2	0.185	0.185	0.2	0.17	0.	0.021	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	3	2.1	2.6	3.9	1.8	1.29	1.136	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	1	0	0.00	1	0	0.00	2	1	0.50			

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

Station Inventory for Station: OZAR0065

NPS Station ID: OZAR0065 LAT/LON: 37.134587/ -91.435698 Agency: 21MO0001 Date Created: 11/16/84
Location: T29N,R4W,SEC.30,NE1/4,1 MILE BEL. ALLEY SPRINGS FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1101000805001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: JACK' FORK RIVER ECO Region:
RF1 Index: 11010008044 RF1 Mile Point: 4.690 Distance from RF1: 11.30 On/Off RF1: ON
RF3 Index: 11010008125800.00 RF3 Mile Point: 1.79 Distance from RF3: 0.11 On/Off RF3:
Description:
COUNTY: SHANNON CITY: ALLEY SPRINGS ESTABLISHED FOR: JACK'S FORK WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	1	61.7	61.7	61.7	61.7	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	1	154.	154.	154.	154.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	443.	443.	443.	443.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	1	306.	306.	306.	306.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/73-10/16/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/73-10/16/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/73-10/16/73	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	76.	76.	76.	76.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	1.881	1.881	1.881	1.881	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			76.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	170.	170.	170.	170.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	2.23	2.23	2.23	2.23	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			170.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	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: OZAR0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0066

NPS Station ID: OZAR0066
LAT/LON: 37.147504/ -91.439448
Agency: 11NPSWRD
Date Created: 06/10/95
Location: ALLEY - BELOW 106 BRIDGE
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ALLB
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: S. CENTRAL LOWER MISS R.
Elevation: 0
Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FORK RIVER. TURN RIGHT AFTER JACKS FORK/106 BRIDGE AND FOLLOW ROAD TO GRAVEL BAR AT PICNIC AREA.

Parameter Inventory for Station: OZAR0066

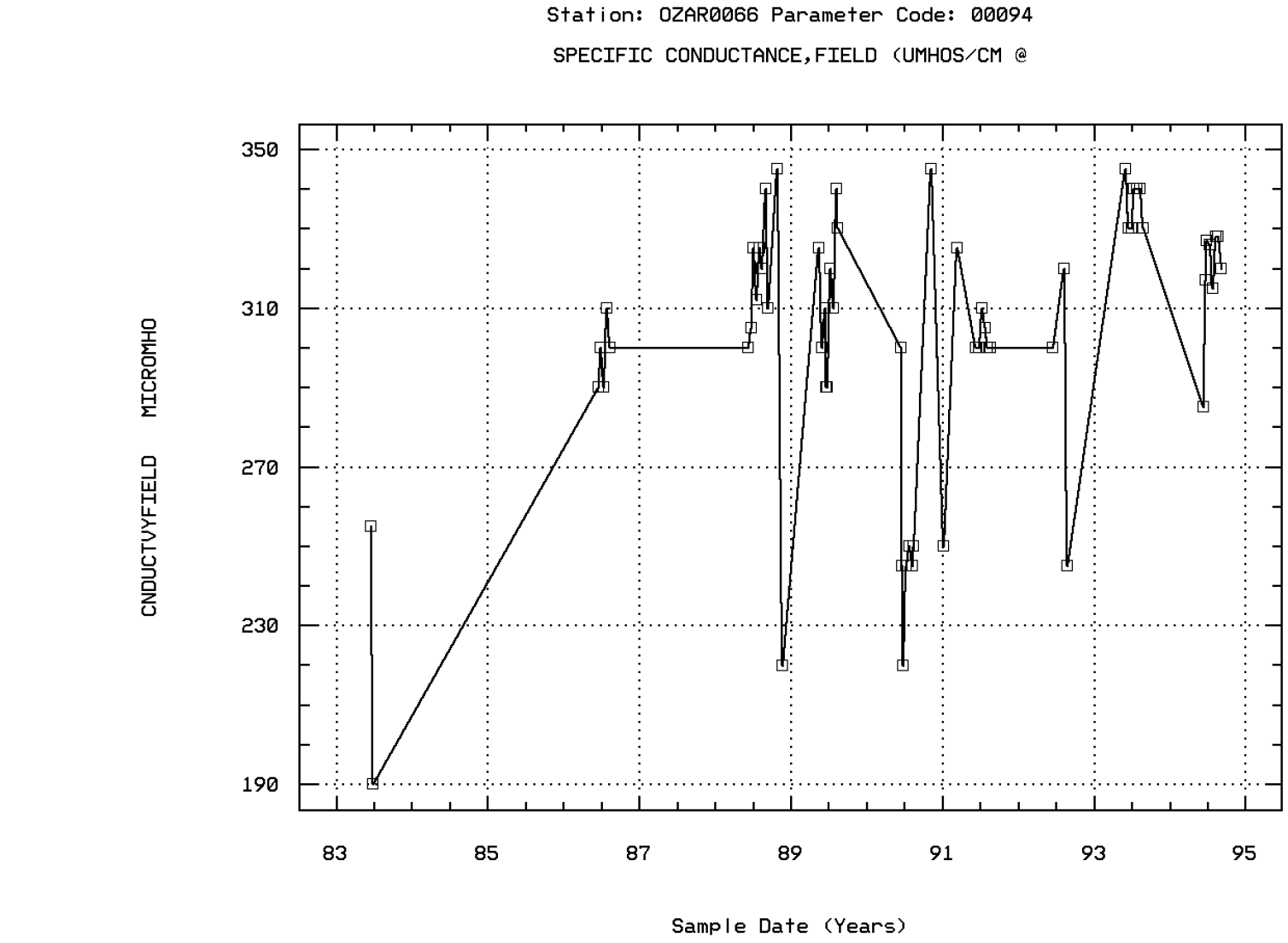
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	91	24.	23.419	29.4	4.8	16.868	4.107	20.06	22.2	26.1	27.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	47	24.3	23.24	33.	1.	41.027	6.405	12.06	23.	27.	29.02
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	60	310.	301.8	345.	190.	1235.79	35.154	245.	290.	326.75	340.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/06/94	7	7.6	7.529	9.4	6.2	0.969	0.984	**	**	**	**
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	46	7.975	7.93	8.4	7.1	0.084	0.291	7.5	7.7	8.2	8.23
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	46	7.975	7.822	8.4	7.1	0.096	0.31	7.5	7.7	8.2	8.23
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	46	0.011	0.015	0.079	0.004	0.	0.013	0.006	0.006	0.02	0.032
00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	17	7.91	7.862	8.23	7.2	0.084	0.29	7.4	7.7	8.11	8.182
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/08/91-08/24/93	17	7.91	7.758	8.23	7.2	0.095	0.309	7.4	7.7	8.11	8.182
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/91-08/24/93	17	0.012	0.017	0.063	0.006	0.	0.015	0.007	0.008	0.02	0.041
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	49	171.	165.837	192.	75.	400.889	20.022	148.	163.5	176.	182.
00600	NITROGEN, TOTAL (MG/L AS N)	10/26/88-09/06/94	39	0.18	0.207	0.75	0.08	0.014	0.118	0.11	0.14	0.24	0.3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/14/83-07/28/86	5	0.1	0.098	0.19	0.01	0.008	0.088	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	41	0.005	0.005	0.011	0.002	0.	0.002	0.004	0.004	0.006	0.008
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	88	20.	36.989	285.	0.	2590.08	50.893	0.	10.	37.25	130.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	88	1.301	1.225	2.455	0.	0.38	0.616	0.	1.	1.571	2.116
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.805								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	73	105.	171.452	1272.	0.	52191.807	228.455	13.6	40.	205.	406.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	73	2.021	1.895	3.104	0.	0.395	0.628	1.129	1.602	2.312	2.608
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			78.595								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/26/88-09/06/94	34	0.55	0.688	1.8	0.1	0.151	0.388	0.4	0.4	0.9	1.3

** - 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

EPA Water Quality Criteria Analysis for Station: OZAR0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	2	0	0.00				5	0	0.00			
00400	PH	Other-Hi Lim.	9.	46	0	0.00	14	0	0.00	2	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	46	0	0.00	14	0	0.00	2	0	0.00	30	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	17	0	0.00	6	0	0.00	2	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	17	0	0.00	6	0	0.00	2	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	2	0	0.00				3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	88	2	0.02	35	2	0.06	4	0	0.00	49	0	0.00			

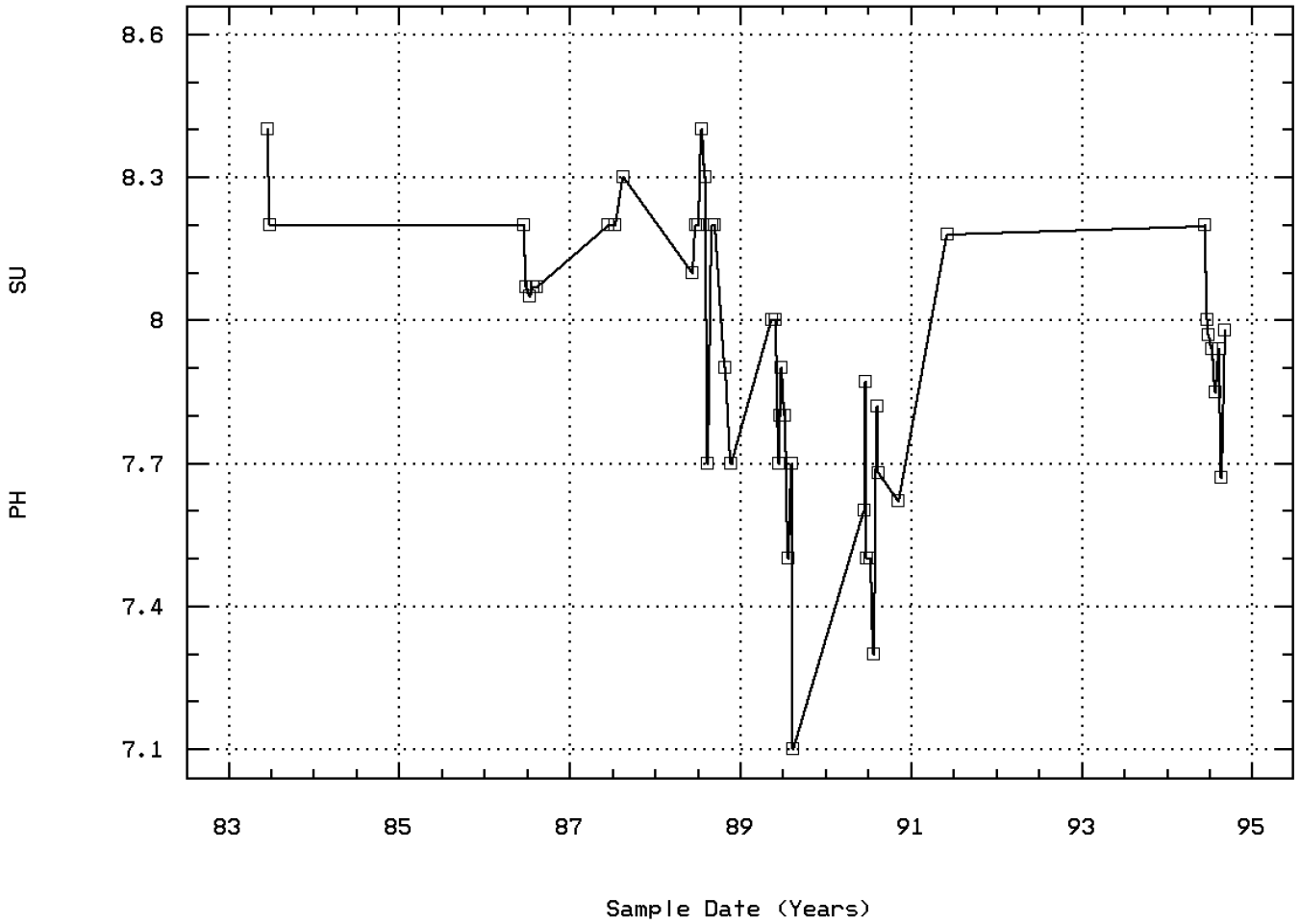
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



ALLEY - BELOW 106 BRIDGE

Station: OZAR0066 Parameter Code: 00400

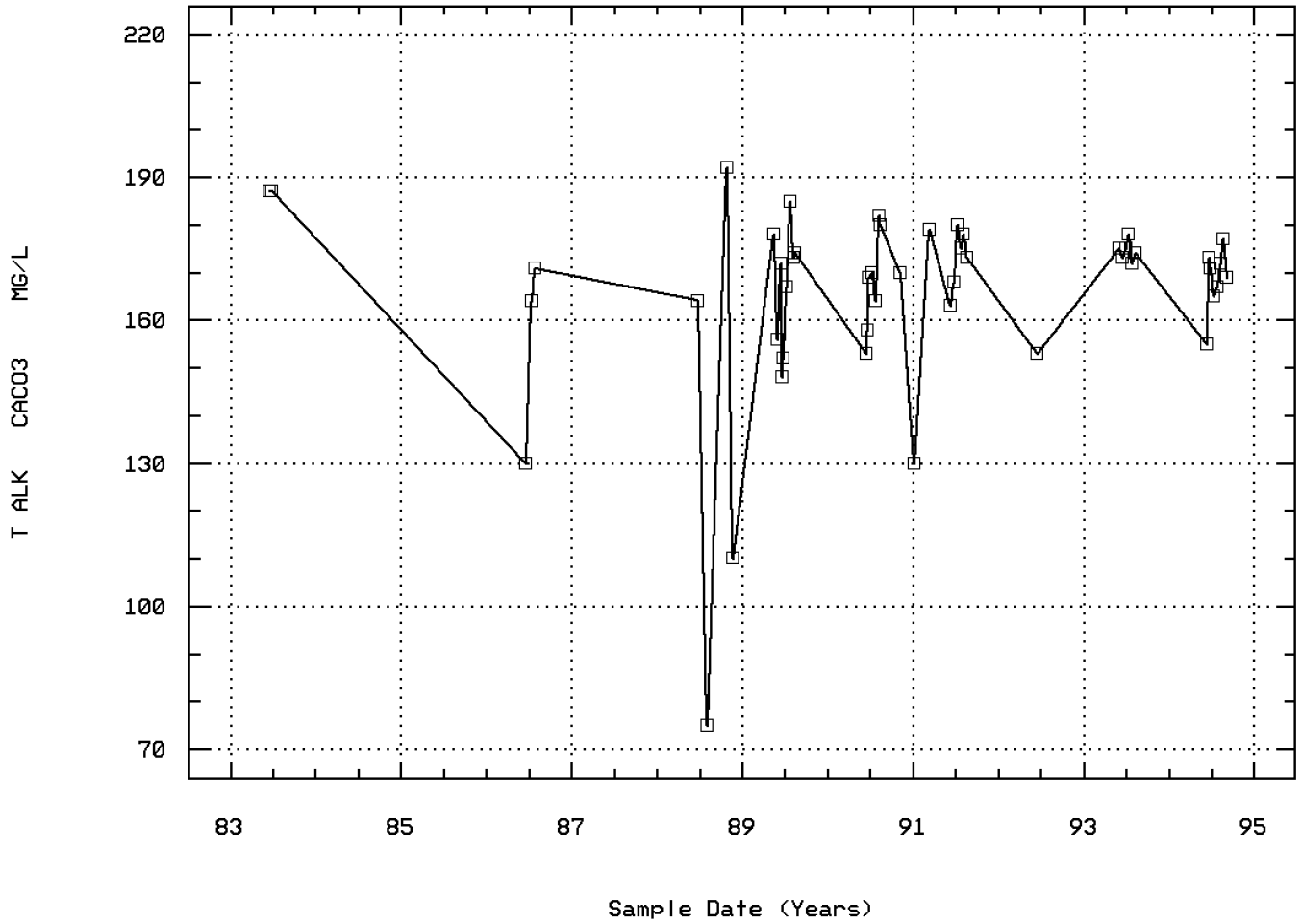
PH (STANDARD UNITS)



ALLEY - BELOW 106 BRIDGE

Station: OZAR0066 Parameter Code: 00410

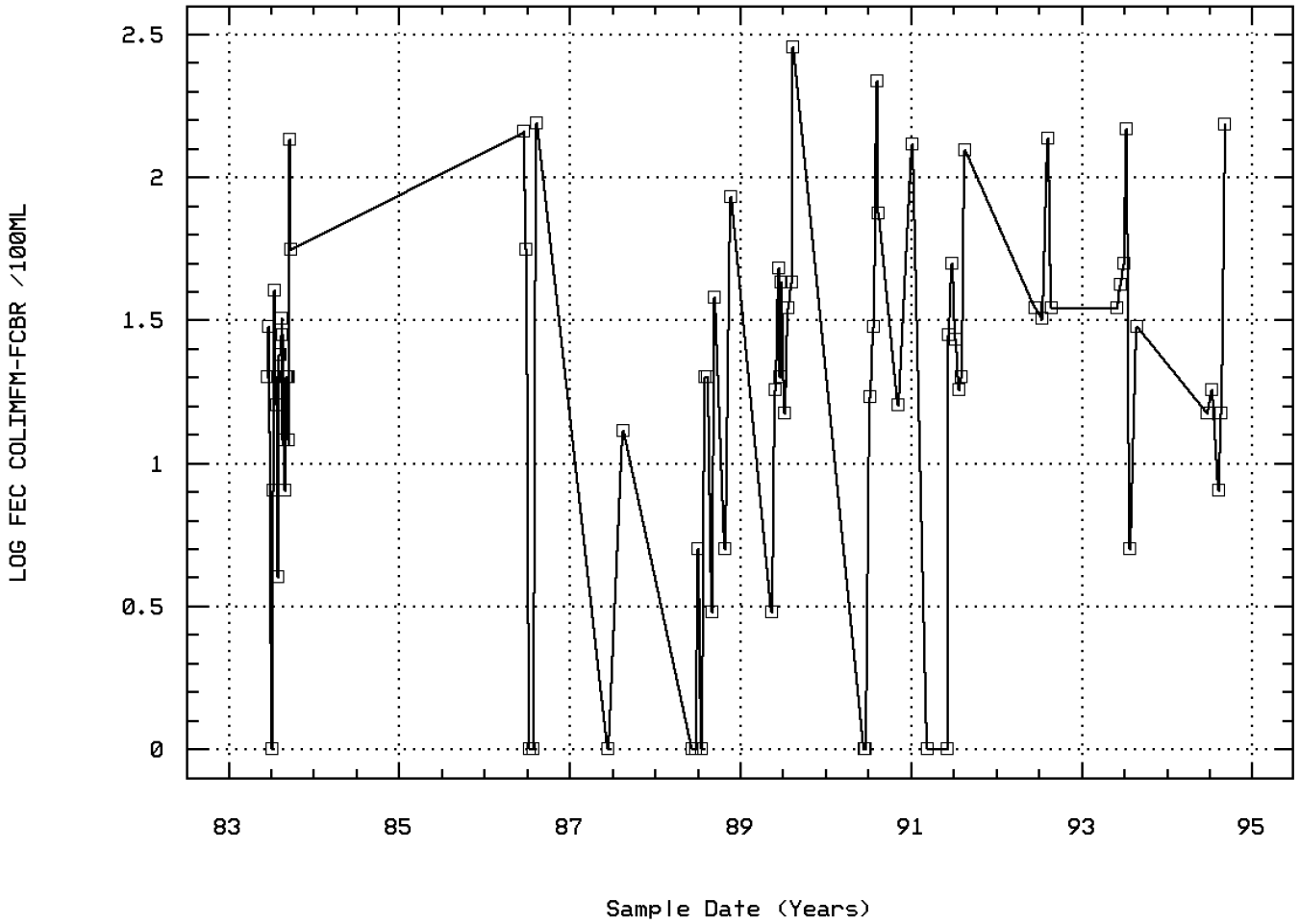
ALKALINITY, TOTAL (MG/L AS CACO3)



ALLEY - BELOW 106 BRIDGE

Station: OZAR0066 Parameter Code: 31616

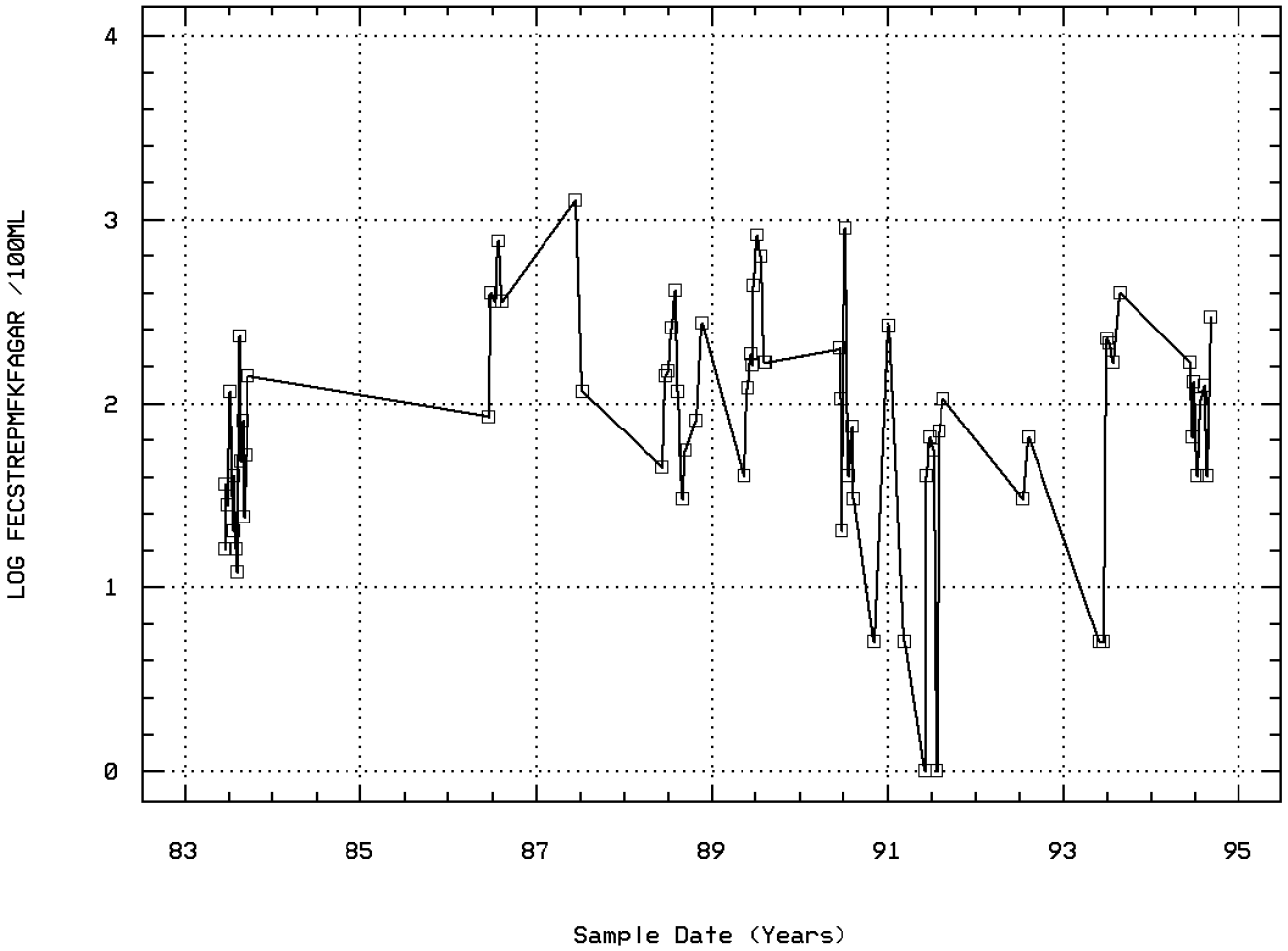
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



ALLEY - BELOW 106 BRIDGE

Station: OZAR0066 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



ALLEY - BELOW 106 BRIDGE

Annual Analysis for 1983 - Station OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	26	20.	24.615	136.	0.	650.166	25.498	6.8	12.	28.	44.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	26	1.301	1.245	2.134	0.	0.151	0.389	0.813	1.079	1.447	1.646
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.593								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	14	38.	61.429	232.	12.	3905.495	62.494	14.	19.	89.	186.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	14	1.579	1.618	2.365	1.079	0.15	0.388	1.142	1.277	1.943	2.256
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			41.486								

** - Less than 9 observations ## - Computed 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 OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	56.	71.2	155.	0.	5709.7	75.563	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	1.748	1.22	2.19	0.	1.271	1.127	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.595								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	356.	391.8	764.	84.	58994.2	242.887	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	2.551	2.502	2.883	1.924	0.123	0.351	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			317.85								

** - Less than 9 observations ## - Computed 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 OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	10.	7.667	13.	0.	46.333	6.807	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	3	1.	0.705	1.114	0.	0.376	0.613	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.066								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	694.	694.	1272.	116.	668168.	817.415	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	2.584	2.584	3.104	2.064	0.541	0.735	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			384.125								

** - Less than 9 observations ## - Computed 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 OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	10	5.	17.6	85.	0.	714.489	26.73	0.	0.	24.5	80.3
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	10	0.699	0.799	1.929	0.	0.492	0.702	0.	0.	1.371	1.894
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.29								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	10	127.5	155.4	410.	30.	14931.6	122.195	31.5	52.5	259.75	396.4
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	10	2.103	2.061	2.613	1.477	0.136	0.368	1.495	1.719	2.414	2.595
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			115.18								

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

Annual Analysis for 1989 - Station OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	35.	56.667	285.	3.	7563.75	86.97	3.	16.5	45.5	285.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	1.544	1.462	2.455	0.477	0.277	0.527	0.477	1.216	1.657	2.455
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.963								

** - Less than 9 observations ## - Computed 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 OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	165.	301.111	820.	40.	70036.111	264.643	40.	140.	527.5	820.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	2.217	2.326	2.914	1.602	0.161	0.401	1.602	2.142	2.715	2.914
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			211.738								

** - Less than 9 observations ## - Computed 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 OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	8	16.5	45.625	217.	0.	5372.268	73.296	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	8	1.217	1.14	2.336	0.	0.674	0.821	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.817								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	8	57.5	171.875	900.	5.	90463.839	300.772	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	8	1.739	1.779	2.954	0.699	0.463	0.68	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			60.095								

** - Less than 9 observations ## - Computed 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 OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	27.	44.222	130.	0.	2457.694	49.575	0.	9.	87.5	130.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	1.431	1.261	2.114	0.	0.608	0.78	0.	0.628	1.898	2.114
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.219								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	55.	67.222	265.	0.	6794.444	82.428	0.	2.5	87.5	265.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	1.74	1.349	2.423	0.	0.793	0.891	0.	0.349	1.933	2.423
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.352								

** - Less than 9 observations ## - Computed 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 OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	35.	59.75	137.	32.	2654.25	51.519	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	1.544	1.683	2.137	1.505	0.092	0.303	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			48.14								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	47.5	47.5	65.	30.	612.5	24.749	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	1.645	1.645	1.813	1.477	0.056	0.237	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			44.159								

** - Less than 9 observations ## - Computed 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 OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	38.5	51.5	147.	5.	2421.9	49.213	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	6	1.584	1.535	2.167	0.699	0.227	0.477	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.273								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	6	187.5	167.5	395.	5.	21937.5	148.113	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	6	2.27	1.814	2.597	0.699	0.762	0.873	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			65.223								

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

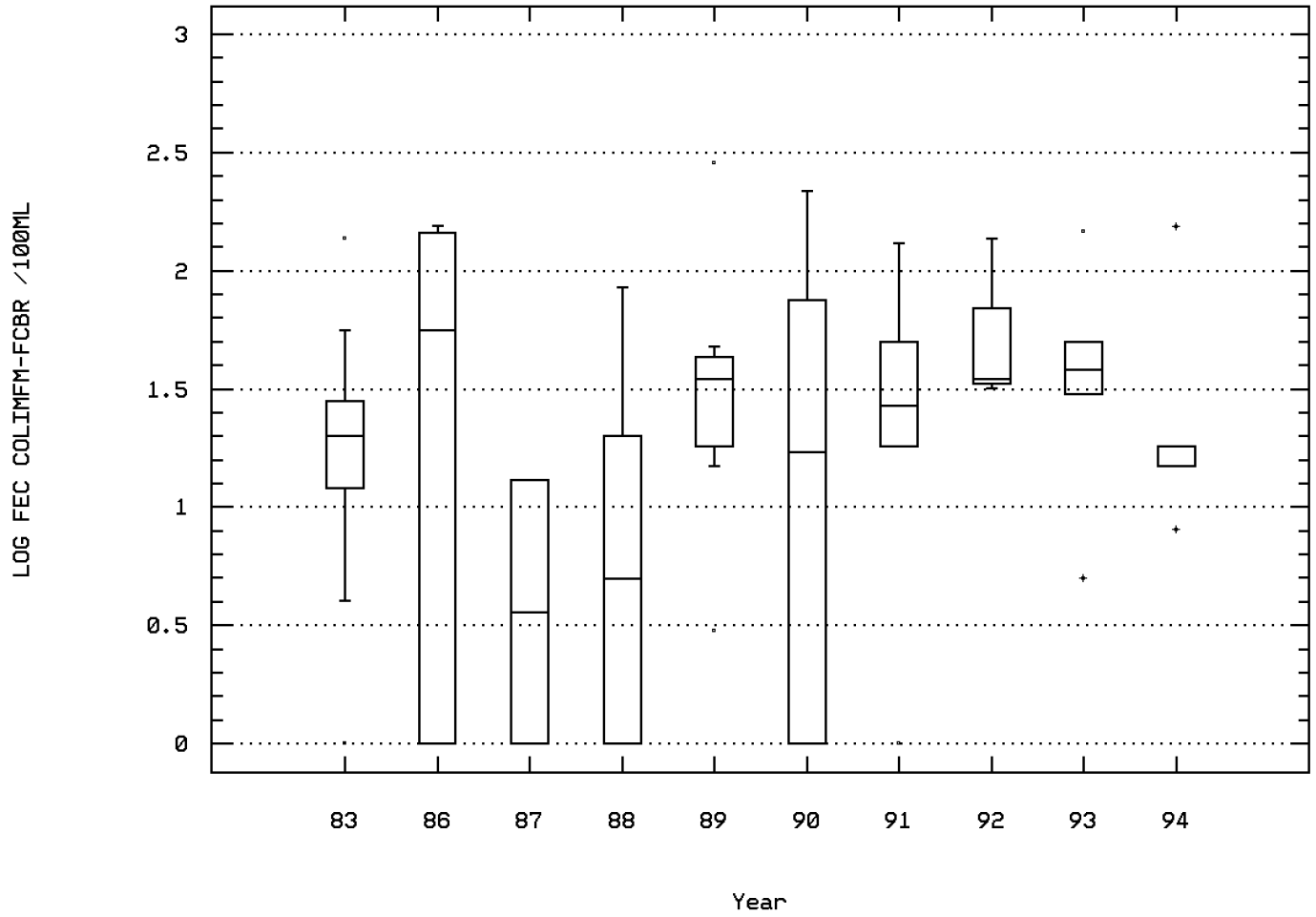
Annual Analysis for 1994 - Station OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	8	12.5	29.875	153.	8.	2486.696	49.867	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	8	1.088	1.212	2.185	0.903	0.169	0.411	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.289								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	8	115.	120.625	295.	40.	6974.554	83.514	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	8	2.059	1.992	2.47	1.602	0.092	0.303	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			98.186								

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

Station: OZAR0066 Parameter Code: 31616

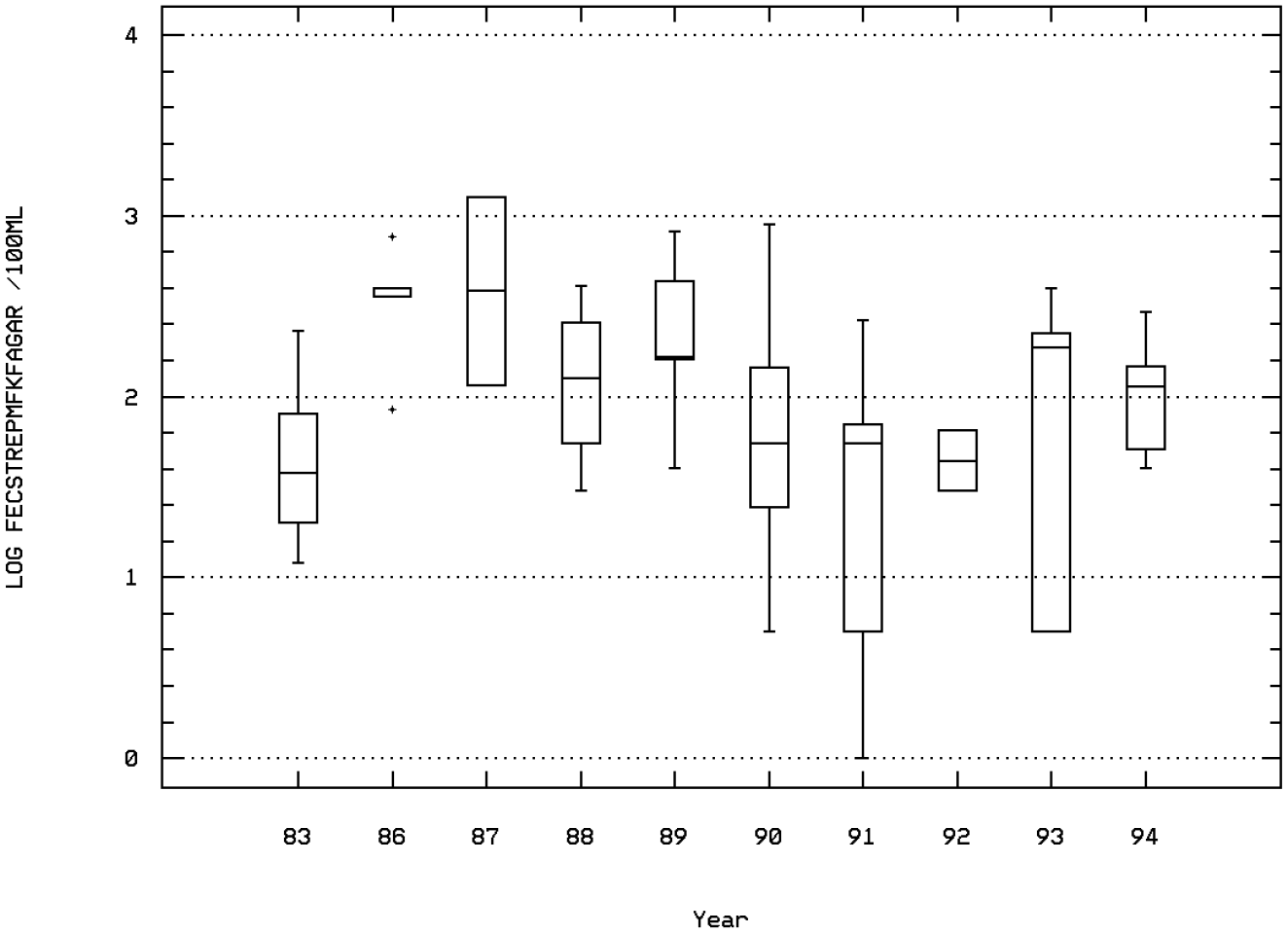
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



ALLEY - BELOW 106 BRIDGE

Station: OZAR0066 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



ALLEY - BELOW 106 BRIDGE

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	35	24.	24.143	29.4	13.2	9.053	3.009	20.6	22.6	26.1	27.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	15	24.	23.	29.	10.3	22.893	4.785	14.92	20.	25.	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	19	320.	311.368	345.	245.	1011.801	31.809	245.	300.	330.	340.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	14	7.92	7.897	8.3	7.1	0.105	0.324	7.385	7.695	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	14	7.92	7.762	8.3	7.1	0.125	0.353	7.385	7.695	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	14	0.012	0.017	0.079	0.005	0.	0.019	0.005	0.006	0.02	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	12	174.	168.25	192.	75.	898.568	29.976	103.2	172.25	179.5	189.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	11	0.004	0.005	0.011	0.002	0.	0.003	0.002	0.004	0.006	0.011
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	35	24.	53.114	285.	3.	4462.045	66.799	8.	13.	56.	153.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	35	1.38	1.462	2.455	0.477	0.225	0.474	0.903	1.114	1.748	2.187
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.97								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	25	80.	127.2	410.	12.	14212.417	119.216	20.8	44.	165.	371.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	25	1.903	1.922	2.613	1.079	0.178	0.422	1.31	1.642	2.217	2.57
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			83.581								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	4	9.45	8.575	10.6	4.8	7.229	2.689	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	4	6.4	6.575	12.5	1.	23.209	4.818	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	4	287.5	285.	345.	220.	3550.	59.582	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	2	7.66	7.66	7.7	7.62	0.003	0.057	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	2	7.658	7.658	7.7	7.62	0.003	0.057	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	2	0.022	0.022	0.024	0.02	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	4	150.	147.25	179.	110.	1070.25	32.715	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	2	0.006	0.006	0.007	0.005	0.	0.001	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	50.5	57.75	130.	0.	3680.25	60.665	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	1.567	1.312	2.114	0.	0.919	0.959	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.506								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	135.	137.25	274.	5.	23333.583	152.753	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	1.561	1.565	2.438	0.699	0.999	1.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			36.706								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	52	24.	24.073	28.9	18.9	5.23	2.287	21.21	22.325	26.075	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	28	25.5	25.75	33.	21.	7.74	2.782	22.9	23.925	27.	30.46
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	37	305.	298.703	345.	190.	1134.048	33.676	245.	290.	322.5	332.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	30	8.	7.963	8.4	7.3	0.077	0.278	7.5	7.8	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	30	8.	7.868	8.4	7.3	0.087	0.294	7.5	7.8	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	30	0.01	0.014	0.05	0.004	0.	0.011	0.006	0.006	0.016	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	33	169.	167.212	187.	130.	144.797	12.033	152.4	160.5	175.	183.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	28	0.005	0.005	0.011	0.003	0.	0.002	0.004	0.004	0.006	0.007
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	49	18.	23.776	147.	0.	900.136	30.002	0.	4.5	33.5	50.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	49	1.255	1.049	2.167	0.	0.399	0.632	0.	0.651	1.525	1.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.206								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	44	110.5	199.705	1272.	0.	75766.399	275.257	10.5	40.	207.5	692.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	44	2.043	1.91	3.104	0.	0.481	0.694	0.952	1.602	2.317	2.838
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			81.336								

** - Less than 9 observations ## - Computed 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: OZAR0067

NPS Station ID: OZAR0067 | LAT/LON: 37.150476/ -91.440948 | Agency: 21MO0001 | Date Created: 10/06/84
Location: T29N, R5W, SEC. 25, SE 1/4, SPRING BRANCH | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 11010008043A
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: WHITE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: JACK'S FORK RIVER | ECO Region:
RF1 Index: 11010008044 | RF1 Mile Point: 4.440 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 11010008005000.00 | RF3 Mile Point: 0.46 | Distance from RF3: 0.05 | On/Off RF3:
Description:
COUNTY: SHANNON EASTABLISHED FOR: ALLEY SPRING WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/10/74-10/16/74	2	57.2	57.2	57.2	57.2	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	07/10/74-10/16/74	2	135.	135.	135.	135.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/10/74-10/16/74	2	185.	185.	201.	169.	512.	22.627	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/74-10/16/74	2	266.5	266.5	273.	260.	84.5	9.192	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/10/74-10/16/74	2	8.25	8.25	8.4	8.1	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/74-10/16/74	2	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/74-10/16/74	2	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/74-10/16/74	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/10/74-10/16/74	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/10/74-10/16/74	2	0.74	0.74	0.78	0.7	0.003	0.057	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/74-10/16/74	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/74-10/16/74	1	210.	210.	210.	210.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/74-10/16/74	1	2.322	2.322	2.322	2.322	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			210.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/74-10/16/74	1	360.	360.	360.	360.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/74-10/16/74	1	2.556	2.556	2.556	2.556	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			360.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/74-10/16/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Other-Hi Lim.	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.	2	0	0.00	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: OZAR0068

NPS Station ID: OZAR0068 | LAT/LON: 37.154170/ -91.441393 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: ALLEY SPRING | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): ALSP
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ABOUT 20 YARDS DOWN STREAM FROM MILL CONTROL GATE. COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0068

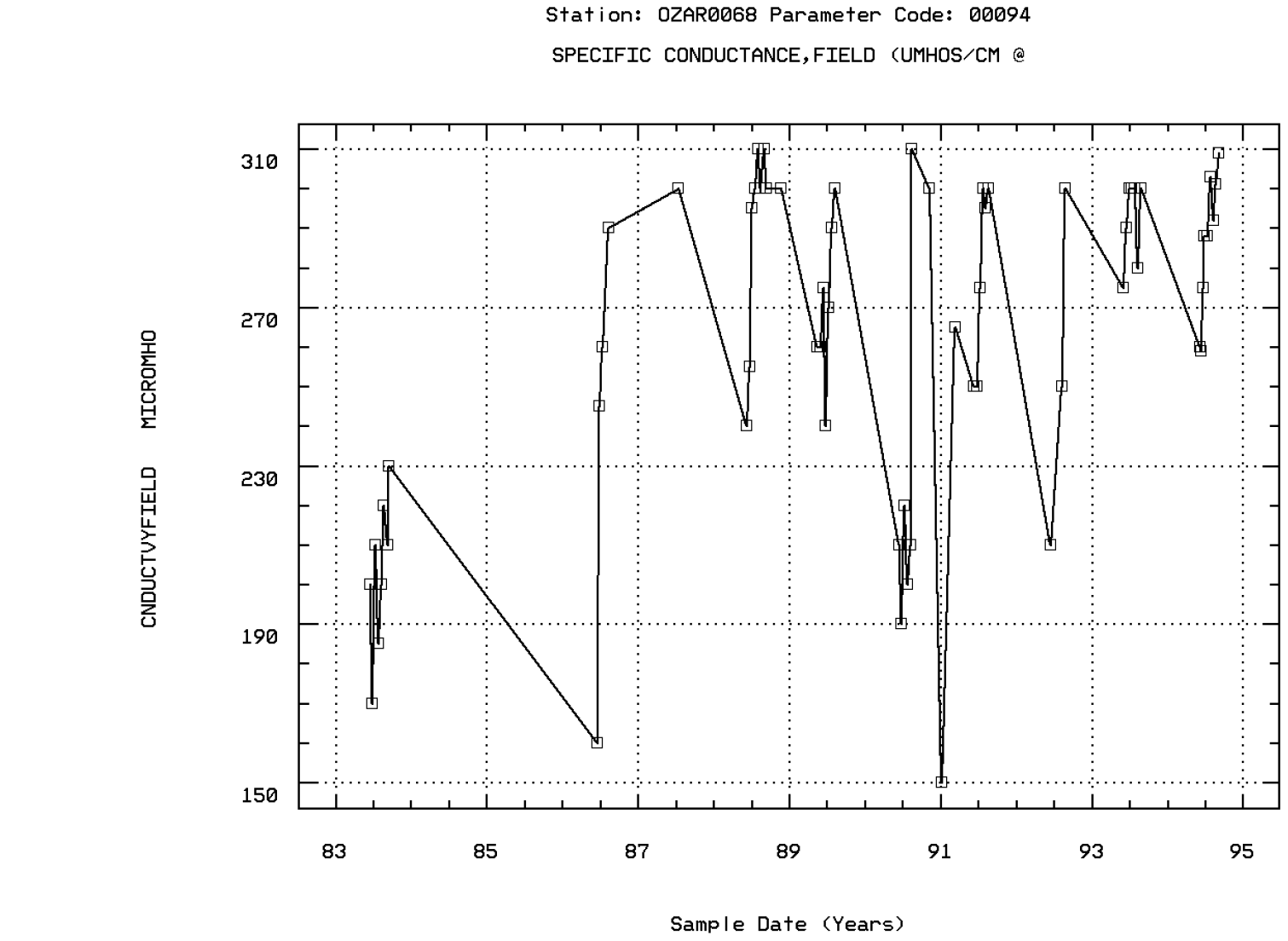
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	92	14.	13.936	15.6	12.	0.7	0.836	13.	13.3	15.	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	46	23.5	22.437	33.	0.8	38.641	6.216	13.52	20.975	25.7	28.3
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	63	275.	261.746	310.	150.	1843.257	42.933	200.	230.	300.	300.6
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/06/94	11	9.5	9.945	12.9	8.7	1.493	1.222	8.74	9.2	10.3	12.6
00400p	PH (STANDARD UNITS)	06/16/83-09/06/94	50	7.5	7.522	8.5	6.3	0.149	0.386	7.1	7.3	7.7	8.1
00400p	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	50	7.5	7.334	8.5	6.3	0.185	0.43	7.1	7.3	7.7	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	50	0.032	0.046	0.501	0.003	0.005	0.071	0.008	0.02	0.05	0.079
00406	PH, FIELD, STANDARD UNITS SU	01/08/91-08/24/93	15	7.4	7.363	7.65	7.	0.045	0.213	7.024	7.18	7.54	7.614
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/08/91-08/24/93	15	7.4	7.312	7.65	7.	0.048	0.219	7.024	7.18	7.54	7.614
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/91-08/24/93	15	0.04	0.049	0.1	0.022	0.001	0.026	0.024	0.029	0.066	0.095
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	53	148.	143.868	199.	89.	471.578	21.716	110.	131.5	157.	170.
00600p	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	42	0.76	0.7	1.01	0.07	0.038	0.196	0.343	0.69	0.803	0.848
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-07/28/86	9	0.19	0.238	0.68	0.01	0.044	0.211	0.01	0.06	0.345	0.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	38	0.012	0.013	0.026	0.004	0.	0.003	0.01	0.011	0.013	0.017
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	86	10.	14.547	185.	0.	574.11	23.961	0.	0.	18.	30.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	86	1.	0.809	2.267	0.	0.37	0.609	0.	0.	1.255	1.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.441								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	69	16.	66.667	540.	0.	13688.784	116.999	0.	5.	77.5	210.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	69	1.204	1.244	2.732	0.	0.623	0.789	0.	0.699	1.889	2.322
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			17.554								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/16/89-09/06/94	28	0.1	0.167	1.2	0.015	0.058	0.24	0.05	0.1	0.1	0.43

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

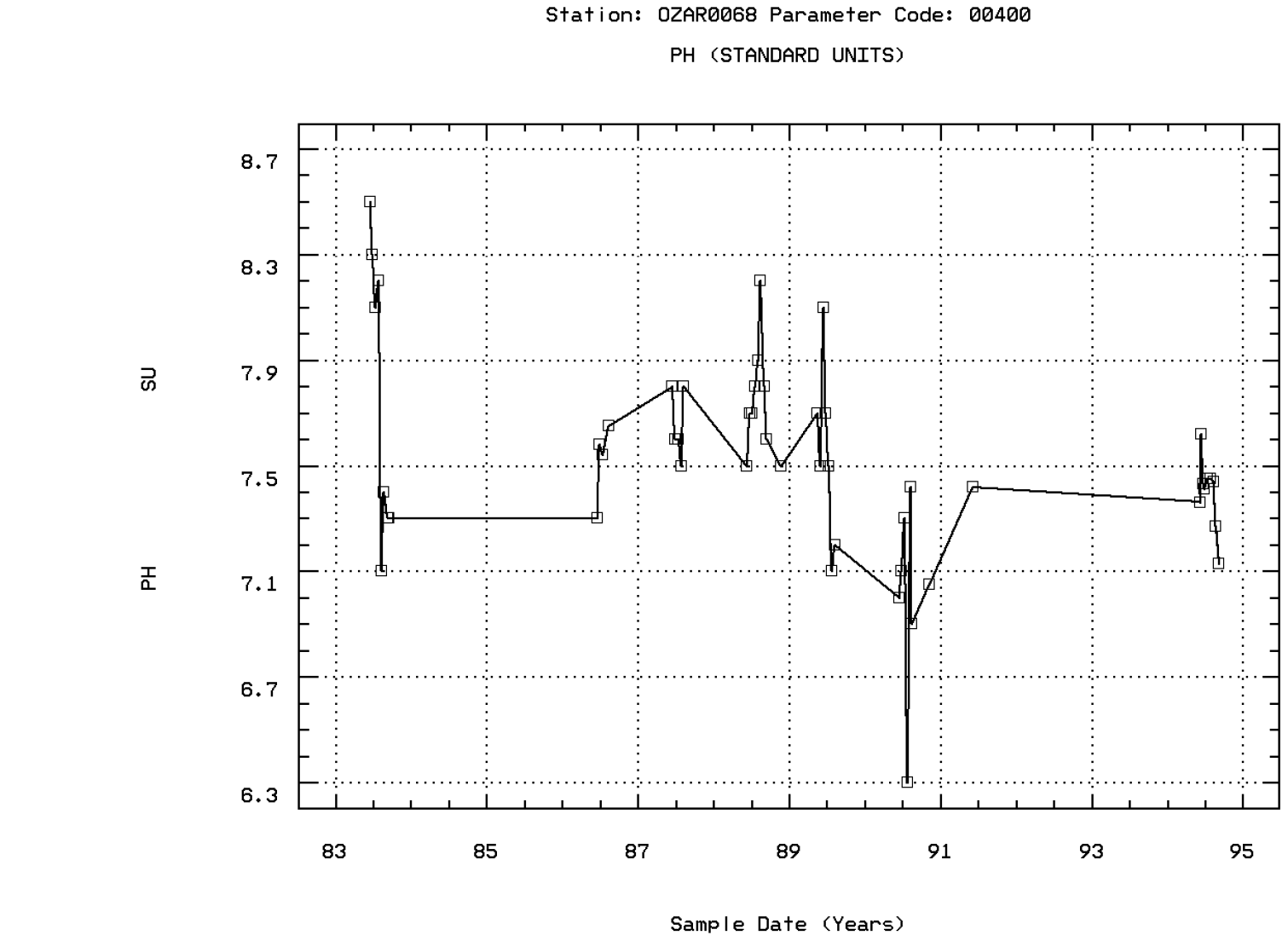
EPA Water Quality Criteria Analysis for Station: OZAR0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00				6	0	0.00			
00400	PH	Other-Hi Lim.	9.	50	0	0.00	16	0	0.00	2	0	0.00	32	0	0.00			
		Other-Lo Lim.	6.5	50	1	0.02	16	0	0.00	2	0	0.00	32	1	0.03			
00406	PH, FIELD	Other-Hi Lim.	9.	15	0	0.00	4	0	0.00	2	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	4	0	0.00	2	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	3	0	0.00				6	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	86	0	0.00	33	0	0.00	4	0	0.00	49	0	0.00			

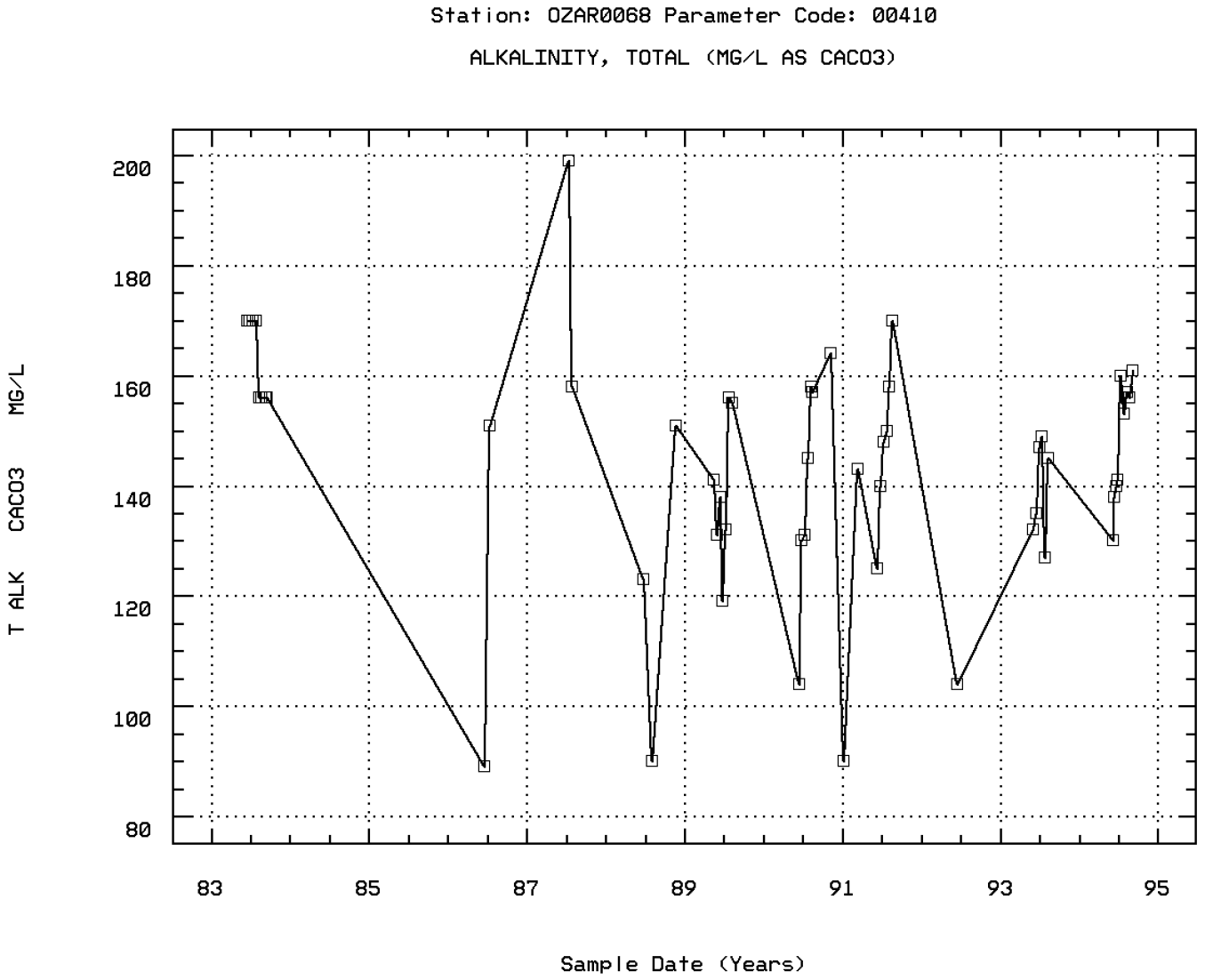
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



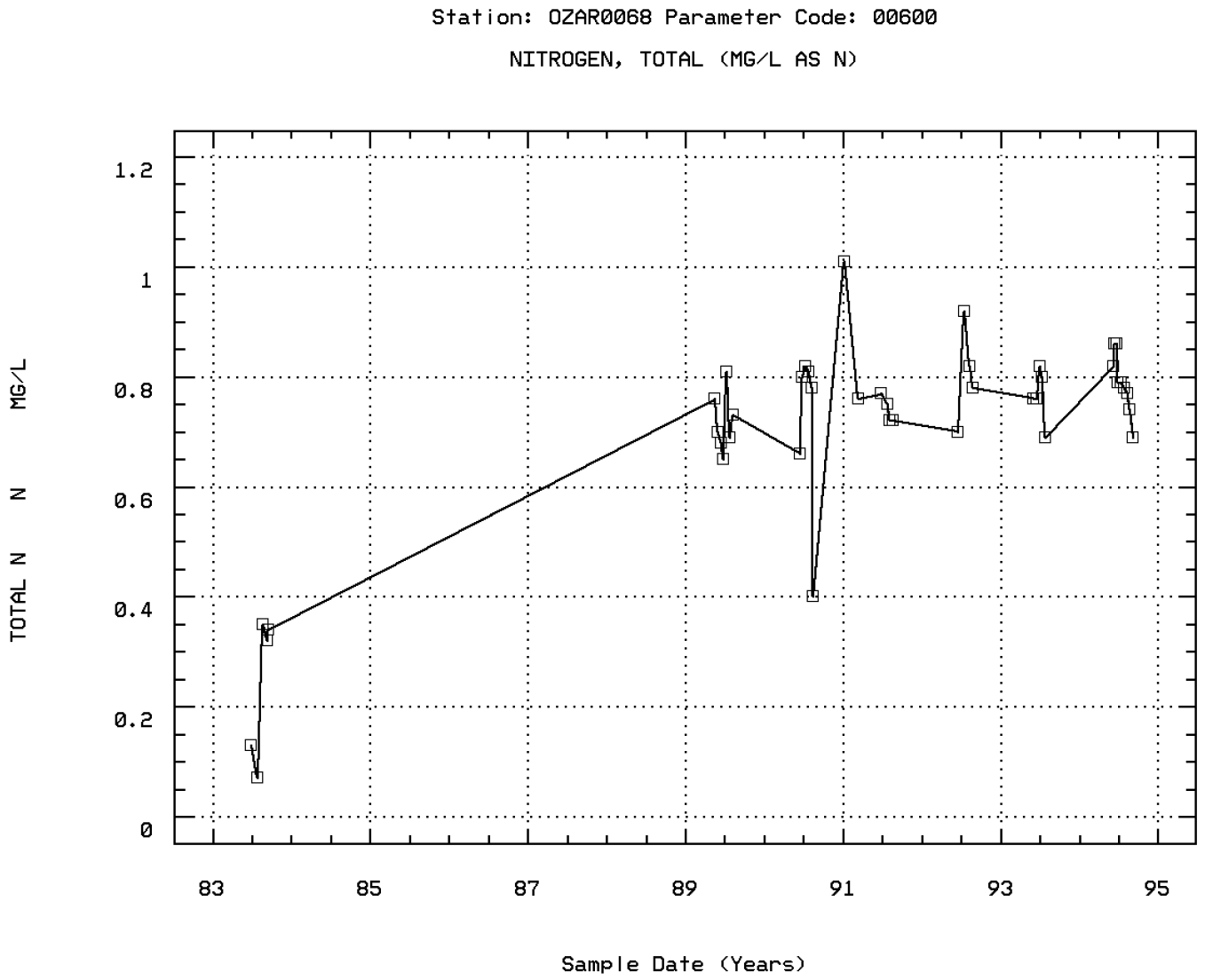
ALLEY SPRING



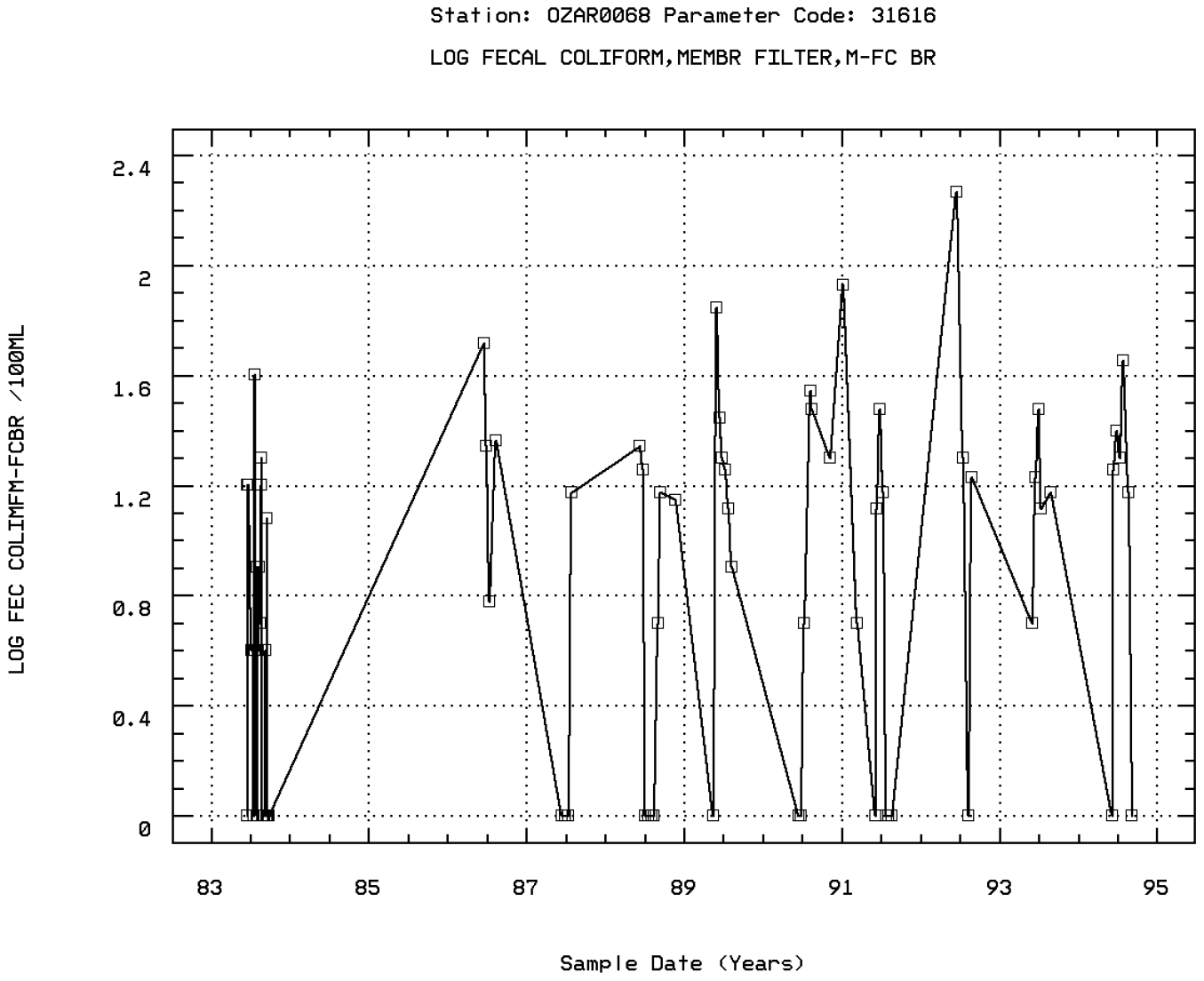
ALLEY SPRING



ALLEY SPRING



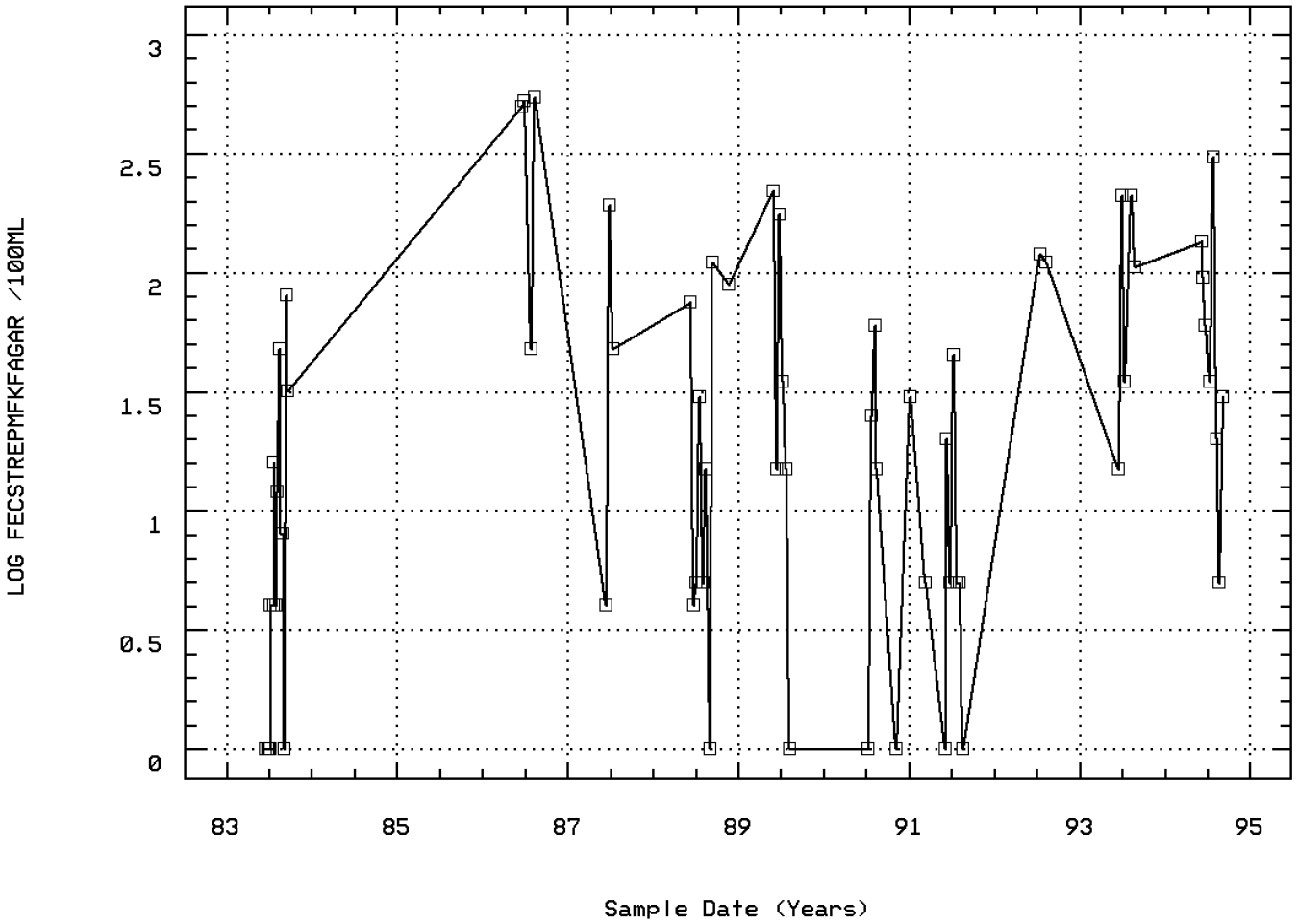
ALLEY SPRING



ALLEY SPRING

Station: OZAR0068 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



ALLEY SPRING

Annual Analysis for 1983 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	26	4.	7.269	40.	0.	81.405	9.022	0.	0.	10.5	17.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	26	0.602	0.616	1.602	0.	0.266	0.516	0.	0.	1.02	1.233
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.129								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	15	4.	14.4	80.	0.	513.829	22.668	0.	0.	16.	60.8
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	15	0.602	0.732	1.903	0.	0.429	0.655	0.	0.	1.204	1.77
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			5.399								

** - Less than 9 observations ## - Computed 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 OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	22.	22.6	52.	6.	324.8	18.022	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	1.342	1.24	1.716	0.778	0.131	0.362	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.364								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	512.	403.	540.	48.	56356.	237.394	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	2.709	2.458	2.732	1.681	0.268	0.518	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			287.037								

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

Annual Analysis for 1987 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	0.	5.	15.	0.	50.	7.071	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	0.	0.435	1.176	0.	0.359	0.599	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.724								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	3	48.	81.333	192.	4.	9669.333	98.333	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	3	1.681	1.522	2.283	0.602	0.726	0.852	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			33.281								

** - 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 1988 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	5.	8.222	22.	0.	80.694	8.983	0.	0.	16.5	22.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	0.699	0.624	1.342	0.	0.382	0.618	0.	0.	1.216	1.342
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.21								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	15.	37.	110.	0.	1814.5	42.597	0.	4.5	82.	110.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	1.176	1.169	2.041	0.	0.512	0.715	0.	0.651	1.912	2.041
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			14.75								

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

Annual Analysis for 1989 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	7	18.	22.429	70.	0.	519.952	22.802	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	7	1.255	1.124	1.845	0.	0.331	0.575	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.294								

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

Annual Analysis for 1989 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	7	15.	67.143	220.	0.	8207.143	90.593	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	7	1.176	1.355	2.342	0.	0.638	0.798	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.622								

** - Less than 9 observations ## - Computed 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 OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	7	10.	14.286	35.	0.	203.571	14.268	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	7	1.	0.86	1.544	0.	0.428	0.654	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.247								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	6	12.5	18.333	60.	0.	506.667	22.509	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	6	1.088	0.892	1.778	0.	0.545	0.738	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.799								

** - Less than 9 observations ## - Computed 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 OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	5.	16.444	85.	0.	763.778	27.637	0.	0.	22.5	85.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	0.699	0.711	1.929	0.	0.559	0.748	0.	0.	1.327	1.929
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.136								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	5.	12.778	45.	0.	244.444	15.635	0.	2.5	25.	45.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	0.699	0.803	1.653	0.	0.345	0.587	0.	0.349	1.389	1.653
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6.354								

** - 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 box-and-whisker plot

Annual Analysis for 1992 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	18.5	55.5	185.	0.	7531.	86.781	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	1.266	1.2	2.267	0.	0.863	0.929	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.837								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	115.	115.	120.	110.	50.	7.071	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	2	2.06	2.06	2.079	2.041	0.001	0.027	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			114.891								

** - Less than 9 observations ## - Computed 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 OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	15.	16.	30.	5.	82.	9.055	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	5	1.176	1.139	1.477	0.699	0.08	0.282	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.782								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	105.	115.	210.	15.	8637.5	92.938	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	5	2.021	1.877	2.322	1.176	0.255	0.505	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			75.363								

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

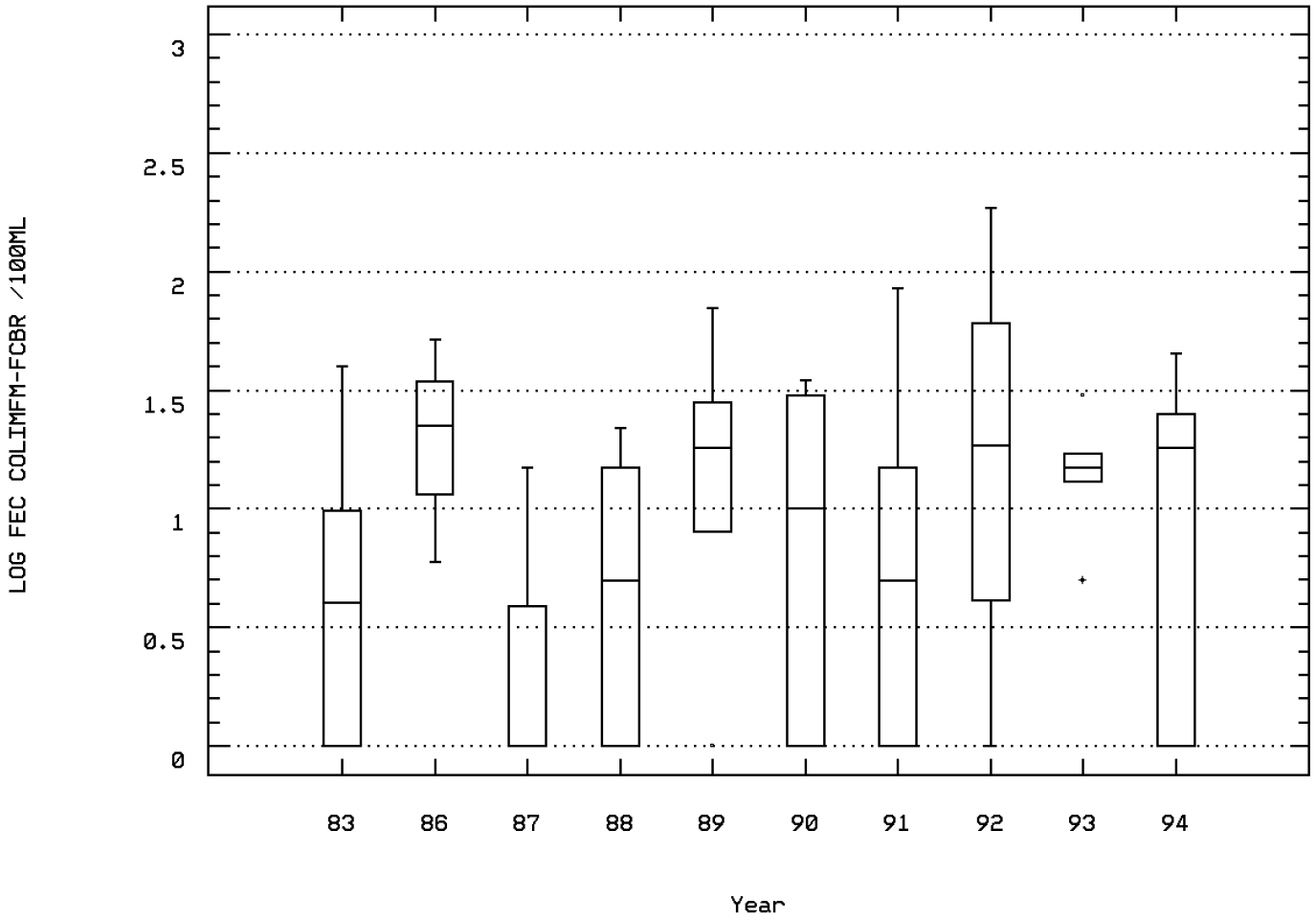
Annual Analysis for 1994 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	15.	15.889	45.	0.	190.861	13.815	0.	5.	22.5	45.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	9	1.176	0.976	1.653	0.	0.346	0.588	0.	0.5	1.349	1.653
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.461								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	35.	77.222	305.	5.	9106.944	95.43	5.	15.	115.	305.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	9	1.544	1.599	2.484	0.699	0.315	0.561	0.699	1.151	2.054	2.484
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			39.726								

** - Less than 9 observations ## - Computed 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: OZAR0068 Parameter Code: 31616

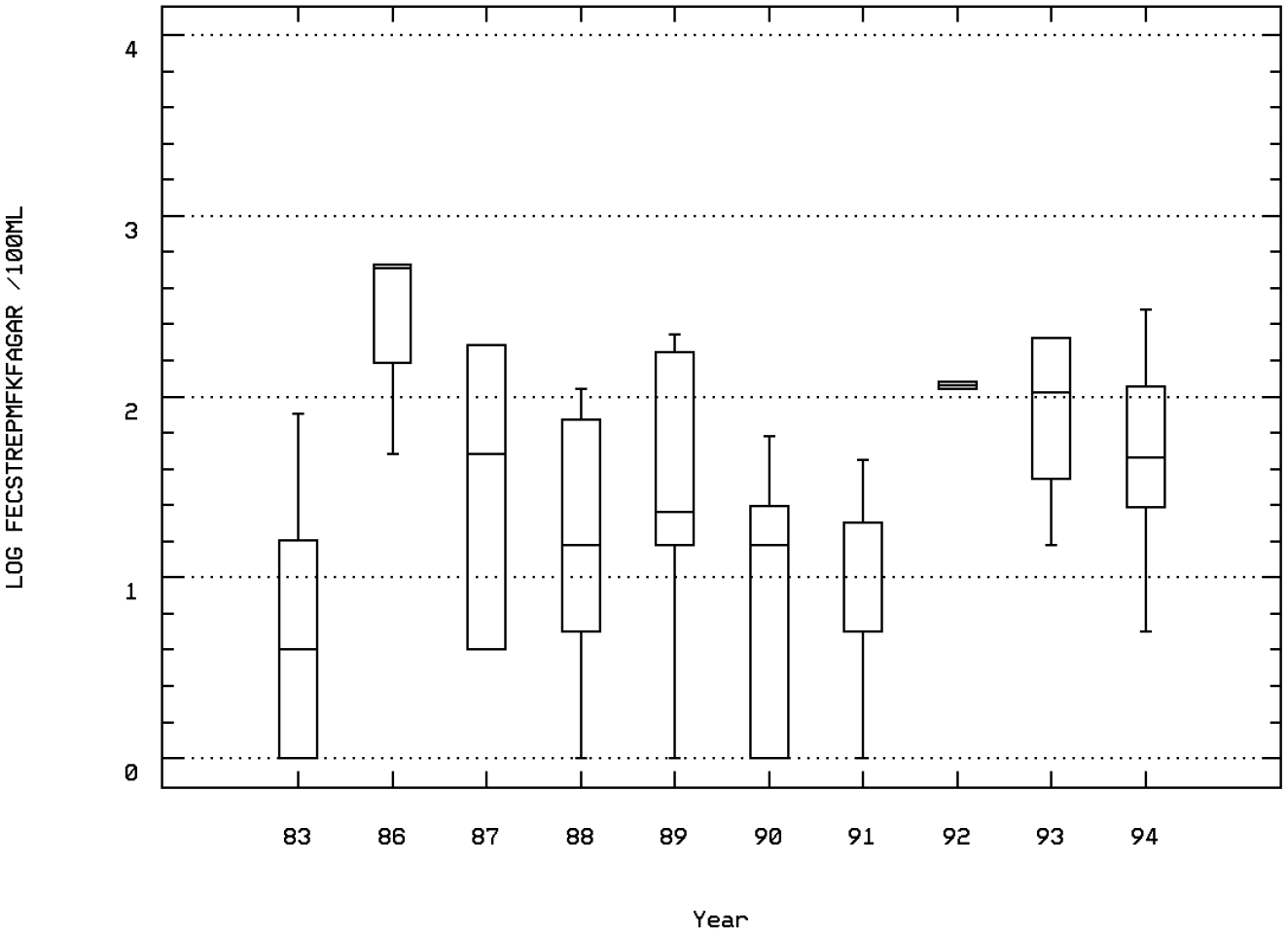
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



ALLEY SPRING

Station: OZAR0068 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



ALLEY SPRING

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	34	14.2	14.212	15.6	12.	0.753	0.868	13.	13.575	15.	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	13	23.	21.792	27.3	14.	20.579	4.536	14.36	17.5	25.	27.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	21	300.	277.	310.	200.	1493.1	38.641	210.	240.	300.5	310.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	16	7.41	7.463	8.2	6.9	0.116	0.341	7.04	7.218	7.763	7.99
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	16	7.41	7.354	8.2	6.9	0.129	0.359	7.04	7.217	7.762	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	16	0.039	0.044	0.126	0.006	0.001	0.031	0.011	0.017	0.061	0.093
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	14	156.	152.214	170.	90.	346.797	18.622	117.5	155.75	158.	165.5
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	13	0.72	0.628	0.82	0.32	0.038	0.195	0.328	0.375	0.775	0.804
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	9	0.011	0.013	0.026	0.01	0.	0.005	0.01	0.011	0.015	0.026
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	33	8.	8.485	35.	0.	84.883	9.213	0.	0.	15.	21.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	33	0.903	0.668	1.544	0.	0.307	0.554	0.	0.	1.176	1.337
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.654								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	24	15.	59.25	540.	0.	13135.326	114.609	0.	5.	75.	160.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	24	1.176	1.198	2.732	0.	0.609	0.78	0.	0.699	1.872	2.182
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			15.759								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	4	13.5	13.45	13.7	13.1	0.09	0.3	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	4	8.	7.3	12.4	0.8	23.747	4.873	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	4	282.5	253.75	300.	150.	5056.25	71.107	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	2	7.275	7.275	7.5	7.05	0.101	0.318	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	2	7.219	7.219	7.5	7.05	0.107	0.328	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	2	0.06	0.06	0.089	0.032	0.002	0.041	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	4	147.	137.	164.	90.	1056.667	32.506	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	2	0.885	0.885	1.01	0.76	0.031	0.177	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	2	0.013	0.013	0.017	0.008	0.	0.006	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	17.	31.	85.	5.	1334.	36.524	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	1.224	1.269	1.929	0.699	0.259	0.509	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.573								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	17.5	31.	89.	0.	1667.333	40.833	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	1.088	1.031	1.949	0.	0.739	0.859	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10.749								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	54	13.6	13.798	15.6	12.	0.641	0.801	13.	13.075	14.4	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/24/93	29	24.2	24.814	33.	19.	11.961	3.458	20.9	23.	26.5	31.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/06/94	38	260.	254.158	303.	160.	1673.542	40.909	189.5	217.5	290.	300.
00400	PH (STANDARD UNITS)	06/16/83-09/06/94	32	7.52	7.567	8.5	6.3	0.168	0.41	7.1	7.413	7.7	8.17
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/06/94	32	7.52	7.333	8.5	6.3	0.225	0.475	7.1	7.413	7.7	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/06/94	32	0.03	0.046	0.501	0.003	0.007	0.086	0.007	0.02	0.039	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/83-09/06/94	35	140.	141.314	199.	89.	454.457	21.318	113.	130.	153.	170.
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/06/94	27	0.77	0.72	0.92	0.07	0.036	0.19	0.546	0.69	0.81	0.86
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	27	0.013	0.013	0.02	0.004	0.	0.003	0.011	0.012	0.013	0.016
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	49	13.	17.286	185.	0.	821.208	28.657	0.	0.	20.	40.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	49	1.114	0.866	2.267	0.	0.4	0.633	0.	0.	1.301	1.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.352								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	41	20.	74.488	528.	0.	15370.156	123.976	0.	4.5	85.	218.

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Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	41	1.301	1.293	2.723	0.	0.645	0.803	0.	0.651	1.926	2.338
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			19.614								

** - Less than 9 observations ## - Computed 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: OZAR0069

NPS Station ID: OZAR0069
LAT/LON: 37.153892/ -91.441393
Agency: 112WRD
Date Created: 02/17/78
Location: ALLEY SPRING AT ALLEY MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 07065500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008044
RF1 Mile Point: 4.440
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008018700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/20/93	37	14.	13.822	15.	13.	0.203	0.45	13.16	13.5	14.	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	20	772.	770.95	785.	757.	37.945	6.16	764.1	766.25	774.75	777.9
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-05/04/77	2	174.5	174.5	201.	148.	1404.5	37.477	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/20/93	37	138.	148.135	320.	73.	3940.009	62.769	86.	96.	184.	229.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/04/73-07/31/73	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/20/93	37	263.	261.108	332.	150.	2198.155	46.884	195.	230.	301.	322.6
00300	OXYGEN, DISSOLVED MG/L	04/04/73-10/20/93	37	9.	8.908	11.5	6.9	0.764	0.874	7.86	8.4	9.4	9.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-06/30/82	17	82.	82.059	89.	72.	25.184	5.018	74.4	78.5	87.5	89.
00335	COD, .025N K2CR2O7 MG/L	04/04/73-07/31/73	3	2.	2.333	5.	0.	6.333	2.517	**	**	**	**
00400	PH (STANDARD UNITS)	04/04/73-10/20/93	37	7.4	7.437	8.	6.7	0.069	0.262	7.172	7.3	7.6	7.82
00400	CONVERTED PH (STANDARD UNITS)	04/04/73-10/20/93	37	7.4	7.357	8.	6.7	0.075	0.274	7.172	7.3	7.6	7.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/73-10/20/93	37	0.04	0.044	0.2	0.01	0.001	0.033	0.015	0.025	0.05	0.068
00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-09/22/81	16	10.	10.756	27.	5.1	28.448	5.334	5.31	6.475	13.	19.3
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-04/14/93	36	135.	133.694	173.	79.	770.904	27.765	93.3	110.	160.	169.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/07/86-04/14/93	13	143.	145.846	183.	104.	569.974	23.874	106.4	130.	167.5	178.2
00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-05/25/89	22	167.	165.	223.	96.	1017.143	31.893	110.2	148.5	191.5	202.8
00445	CARBONATE ION (MG/L AS CO3)	04/04/73-05/25/89	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/07/86-04/14/93	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/07/86-04/14/93	13	174.	177.692	223.	127.	849.231	29.142	130.2	157.	204.5	217.4
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-06/30/82	16	0.805	0.901	2.	0.57	0.113	0.336	0.605	0.71	0.992	1.44
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-09/22/81	16	0.13	0.176	0.92	0.	0.05	0.224	0.	0.023	0.233	0.507
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/20/93	35	0.01	0.018	0.09	0.	0.	0.018	0.005	0.005	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/14/93-04/14/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/20/93	34 ##	0.005	0.008	0.02	0.	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-09/22/81	16	0.62	0.671	1.1	0.53	0.022	0.147	0.544	0.59	0.695	0.96
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/20/93	36	0.145	0.244	0.92	0.02	0.048	0.218	0.05	0.1	0.383	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/20/93	34	0.65	0.843	6.9	0.3	1.161	1.078	0.555	0.6	0.7	0.855
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/93-04/14/93	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/16/79-05/16/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/20/93	36	0.01	0.014	0.04	0.005	0.	0.009	0.005	0.005	0.02	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/16/73	4	0.014	0.016	0.03	0.005	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/93-04/14/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/73-09/05/79	3	83.	74.333	140.	0.	4956.333	70.401	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/04/73-09/05/79	3	4.	4.333	9.	0.	20.333	4.509	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/04/73-07/31/73	2	23.5	23.5	29.	18.	60.5	7.778	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/04/73-07/31/73	2	12.65	12.65	16.	9.3	22.445	4.738	**	**	**	**

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Parameter Inventory for Station: OZAR0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/04/73-07/31/73	2	1.7	1.7	1.9	1.5	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/04/73-07/31/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/04/73-07/31/73	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/04/73-07/31/73	2	1.05	1.05	1.1	1.	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/73-07/31/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/73-07/31/73	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/73-07/31/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/73-07/31/73	2	7.8	7.8	8.	7.6	0.08	0.283	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/76-10/20/93	29 ##	0.5	1.31	10.	0.	5.097	2.258	0.	0.5	1.	3.
01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-07/31/73	2	195.	195.	340.	50.	42050.	205.061	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/23/76-10/20/93	29	2.5	12.966	100.	0.5	761.052	27.587	0.5	2.	6.	74.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/73-07/31/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/23/76-10/20/93	30 ##	0.5	0.75	10.	0.	3.168	1.78	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/76-10/20/93	30	10.	25.5	290.	5.	2843.707	53.326	5.	5.	20.	68.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	1	260.	260.	260.	260.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/04/73-04/04/73	1	2.415	2.415	2.415	2.415	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			260.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-09/23/76	6	20.	87.833	260.	1.	13300.167	115.326	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-09/23/76	6	1.292	1.421	2.415	0.	0.783	0.885	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.36								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	31	17.	30.452	260.	0.5	2373.556	48.719	0.6	4.	42.	80.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	31	1.23	1.067	2.415	-0.301	0.495	0.704	-0.241	0.602	1.623	1.899
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			11.675								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	29	25.	101.293	1320.	0.5	60335.884	245.634	1.	9.5	110.	230.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	29	1.398	1.387	3.121	-0.301	0.642	0.801	0.	0.977	2.034	2.362
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			24.402								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-09/23/76	6	54.5	246.667	990.	1.	150199.867	387.556	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/04/73-09/23/76	6	1.735	1.721	2.996	0.	1.093	1.045	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			52.561								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-07/31/73	2	0.04	0.04	0.08	0.	0.003	0.057	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/04/73-07/31/73	2	112.5	112.5	128.	97.	480.5	21.92	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/04/73-07/31/73	2	115.	115.	139.	91.	1152.	33.941	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/04/73-07/31/73	2	64.8	64.8	80.9	48.7	518.42	22.769	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/04/73-07/31/73	2	0.15	0.15	0.17	0.13	0.001	0.028	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/20/93	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/16/79-08/27/80	4	0.01	0.015	0.04	0.	0.	0.017	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/16/79-05/16/84	9	0.06	0.053	0.12	0.03	0.001	0.029	0.03	0.03	0.06	0.12
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-06/30/82	16	3.55	4.013	8.9	2.5	2.291	1.513	2.64	3.15	4.525	6.45

** - 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: OZAR0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	37	0	0.00	17	0	0.00	3	0	0.00	17	0	0.00			
00400	PH	Other-Hi Lim.	9.	37	0	0.00	17	0	0.00	3	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	37	0	0.00	17	0	0.00	3	0	0.00	17	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	34	0	0.00	16	0	0.00	1	0	0.00	17	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	16	0	0.00	7	0	0.00	1	0	0.00	8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	34	0	0.00	16	0	0.00	1	0	0.00	17	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.	2	0	0.00				1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	28 &	1	0.04	13	0	0.00	2	0	0.00	13	1	0.08			
		Drinking Water	5.	28 &	1	0.04	13	0	0.00	2	0	0.00	13	1	0.08			

& - 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: OZAR0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	28 &	1	0.04	13	0	0.00	2	0	0.00	13	1	0.08			
		Drinking Water	15.	28 &	4	0.14	13	0	0.00	2	0	0.00	13	4	0.31			
01077	SILVER, TOTAL	Fresh Acute	4.1	29 &	0	0.00	14	0	0.00	2	0	0.00	13	0	0.00			
		Drinking Water	100.	30	0	0.00	15	0	0.00	2	0	0.00	13	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	30	1	0.03	15	1	0.07	2	0	0.00	13	0	0.00			
		Drinking Water	5000.	30	0	0.00	15	0	0.00	2	0	0.00	13	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	2	0.33	2	1	0.50	1	0	0.00	3	1	0.33			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	31	1	0.03	15	1	0.07	2	0	0.00	14	0	0.00			

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/20/93	17	14.	14.041	15.	13.5	0.16	0.4	13.5	13.85	14.25	14.6
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	10	772.5	773.9	785.	764.	28.767	5.363	764.8	772.	776.5	784.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/20/93	17	96.	108.941	201.	73.	1086.684	32.965	77.	87.5	125.	166.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/20/93	17	297.	295.294	332.	235.	803.221	28.341	245.4	276.5	318.	327.2
00300p	OXYGEN, DISSOLVED MG/L	04/04/73-10/20/93	17	8.5	8.653	10.7	6.9	0.835	0.914	7.54	8.05	9.1	10.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-06/30/82	7	79.	80.571	89.	75.	22.619	4.756	**	**	**	**
00400p	PH (STANDARD UNITS)	04/04/73-10/20/93	17	7.4	7.464	8.	6.7	0.111	0.334	6.94	7.295	7.75	7.92
00400p	CONVERTED PH (STANDARD UNITS)	04/04/73-10/20/93	17	7.4	7.332	8.	6.7	0.13	0.36	6.94	7.295	7.75	7.92
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/73-10/20/93	17	0.04	0.047	0.2	0.01	0.002	0.045	0.012	0.018	0.051	0.12
00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-05/25/89	10	193.	189.1	223.	164.	360.544	18.988	164.6	170.	201.	221.1
00445	CARBONATE ION (MG/L AS CO3)	04/04/73-05/25/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-06/30/82	7	0.79	0.8	1.	0.57	0.023	0.151	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/20/93	16 ##	0.005	0.013	0.09	0.	0.	0.021	0.004	0.005	0.01	0.041
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/20/93	16 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/20/93	16	0.135	0.22	0.8	0.05	0.037	0.192	0.085	0.1	0.3	0.534
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/20/93	16	0.68	1.053	6.9	0.56	2.437	1.561	0.567	0.603	0.7	2.63
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/20/93	16 ##	0.008	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/76-10/20/93	14 ##	0.5	1.25	10.	0.	6.49	2.548	0.	0.375	1.	5.5
01051	LEAD, TOTAL (UG/L AS PB)	09/23/76-10/20/93	14	2.25	9.786	100.	0.5	679.335	26.064	0.5	1.	6.	54.
01077	SILVER, TOTAL (UG/L AS AG)	09/23/76-10/20/93	15 ##	0.5	1.067	10.	0.	6.245	2.499	0.	0.	1.	4.6
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/76-10/20/93	15	10.	40.333	290.	5.	5365.952	73.253	5.	5.	50.	164.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	15	10.	35.733	260.	0.5	4443.174	66.657	0.5	1.	44.	156.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	15	1.	0.953	2.415	-0.301	0.695	0.834	-0.301	0.	1.643	2.133
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			8.966								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	13	18.	158.731	1320.	0.5	130376.692	361.077	0.7	4.	160.	908.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	13	1.255	1.3	3.121	-0.301	1.068	1.033	-0.181	0.423	2.158	2.857
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			19.965								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-06/30/82	7	3.5	3.557	4.6	2.5	0.516	0.718	**	**	**	**

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/20/93	3	13.2	13.4	14.	13.	0.28	0.529	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	2	770.	770.	773.	767.	18.	4.243	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/20/93	3	204.	202.	309.	93.	11667.	108.014	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/20/93	3	197.	222.667	306.	165.	5464.333	73.921	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/04/73-10/20/93	3	9.2	9.233	9.7	8.8	0.203	0.451	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-06/30/82	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	04/04/73-10/20/93	3	7.2	7.33	7.6	7.19	0.055	0.234	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/04/73-10/20/93	3	7.2	7.293	7.6	7.19	0.057	0.238	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/73-10/20/93	3	0.063	0.051	0.065	0.025	0.001	0.022	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-05/25/89	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/04/73-05/25/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/20/93	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/20/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/20/93	3 ##	0.1	0.073	0.1	0.02	0.002	0.046	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/20/93	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/20/93	3	0.021	0.019	0.03	0.005	0.	0.013	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/76-10/20/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/23/76-10/20/93	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/23/76-10/20/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/76-10/20/93	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	2	24.5	24.5	42.	7.	612.5	24.749	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	2	1.234	1.234	1.623	0.845	0.303	0.55	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			17.146								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	2	10.5	10.5	18.	3.	112.5	10.607	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	2	0.866	0.866	1.255	0.477	0.303	0.55	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.348								

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

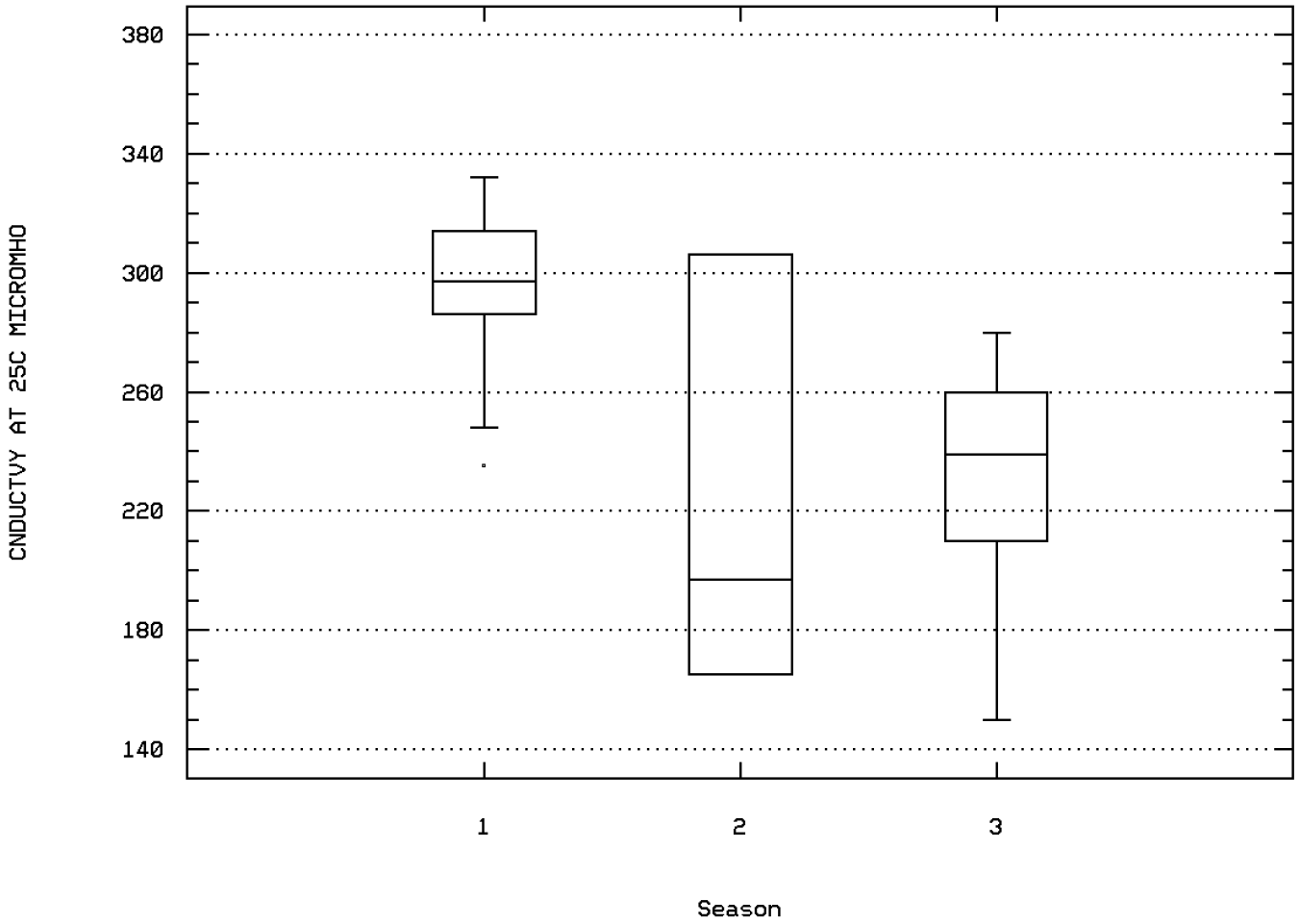
Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/73-10/20/93	17	13.5	13.676	14.5	13.	0.154	0.393	13.	13.5	14.	14.1
00025	BAROMETRIC PRESSURE (MM OF HG)	05/25/83-10/20/93	8	766.5	767.5	777.	757.	37.143	6.094	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-10/20/93	17	163.	177.824	320.	115.	3207.279	56.633	126.2	138.5	199.5	301.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/20/93	17	239.	233.706	280.	150.	1142.971	33.808	179.6	210.	261.5	274.4
00300p	OXYGEN, DISSOLVED MG/L	04/04/73-10/20/93	17	9.2	9.106	11.5	7.4	0.728	0.853	8.2	8.5	9.5	10.06
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-06/30/82	9	82.	83.111	89.	72.	30.111	5.487	72.	80.5	88.	89.
00400p	PH (STANDARD UNITS)	04/04/73-10/20/93	17	7.4	7.429	7.9	7.1	0.033	0.183	7.26	7.3	7.6	7.66
00400p	CONVERTED PH (STANDARD UNITS)	04/04/73-10/20/93	17	7.4	7.397	7.9	7.1	0.035	0.186	7.26	7.3	7.6	7.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/73-10/20/93	17	0.04	0.04	0.079	0.013	0.	0.015	0.023	0.025	0.05	0.056
00440	BICARBONATE ION (MG/L AS HCO3)	04/04/73-05/25/89	11	154.	149.364	178.	106.	485.655	22.038	108.8	134.	164.	177.
00445	CARBONATE ION (MG/L AS CO3)	04/04/73-05/25/89	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-06/30/82	9	0.86	0.98	2.	0.62	0.178	0.422	0.62	0.72	1.1	2.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-10/20/93	17	0.03	0.021	0.04	0.	0.	0.014	0.004	0.005	0.03	0.04
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/20/93	17 ##	0.005	0.007	0.02	0.	0.	0.005	0.	0.005	0.01	0.012
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-10/20/93	17	0.2	0.296	0.92	0.05	0.06	0.246	0.05	0.1	0.45	0.664
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/20/93	17	0.63	0.655	1.1	0.3	0.028	0.167	0.46	0.595	0.7	0.948
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-10/20/93	17	0.02	0.018	0.04	0.005	0.	0.01	0.005	0.01	0.025	0.032
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/76-10/20/93	13 ##	0.5	1.5	8.	0.	4.708	2.17	0.2	0.5	2.	6.
01051	LEAD, TOTAL (UG/L AS PB)	09/23/76-10/20/93	13	3.	18.192	98.	1.	975.481	31.233	1.4	2.	20.	88.4
01077	SILVER, TOTAL (UG/L AS AG)	09/23/76-10/20/93	13 ##	0.5	0.423	1.	0.	0.119	0.344	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/76-10/20/93	13 ##	10.	9.615	20.	5.	26.923	5.189	5.	5.	10.	20.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	14	17.5	25.643	88.	0.5	582.824	24.142	1.75	8.5	39.25	70.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/04/77-10/20/93	14	1.243	1.166	1.944	-0.301	0.342	0.584	0.088	0.901	1.587	1.83
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			14.665								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	14	44.	60.929	165.	2.	3275.918	57.236	6.	13.5	130.	157.5
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/04/77-10/20/93	14	1.642	1.543	2.217	0.301	0.298	0.546	0.651	1.129	2.114	2.197
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			34.901								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-06/30/82	9	3.8	4.367	8.9	2.7	3.585	1.893	2.7	3.2	5.	8.9

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

Station: OZAR0069 Parameter Code: 00095

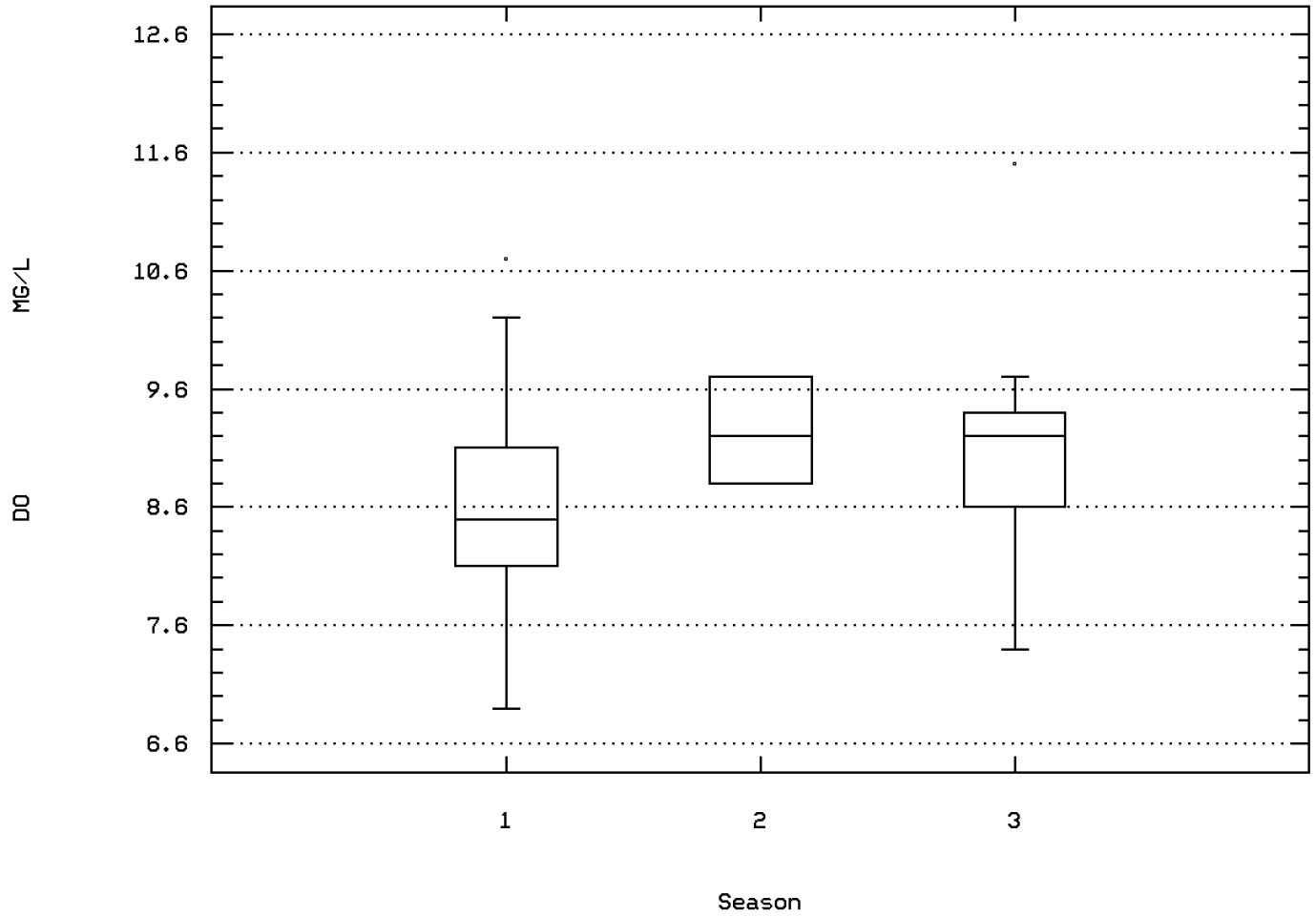
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



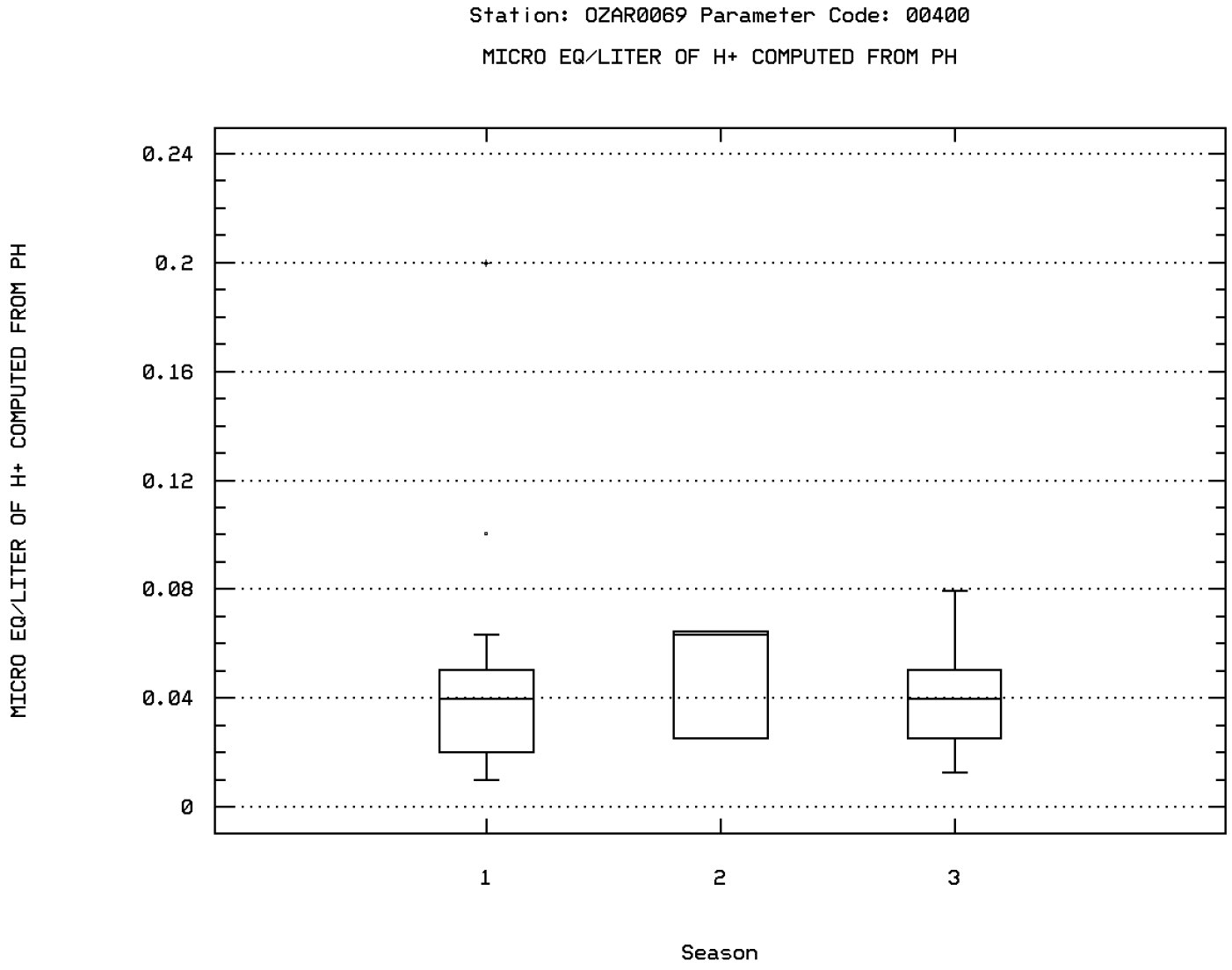
ALLEY SPRING AT ALLEY MO

Station: OZAR0069 Parameter Code: 00300

OXYGEN, DISSOLVED



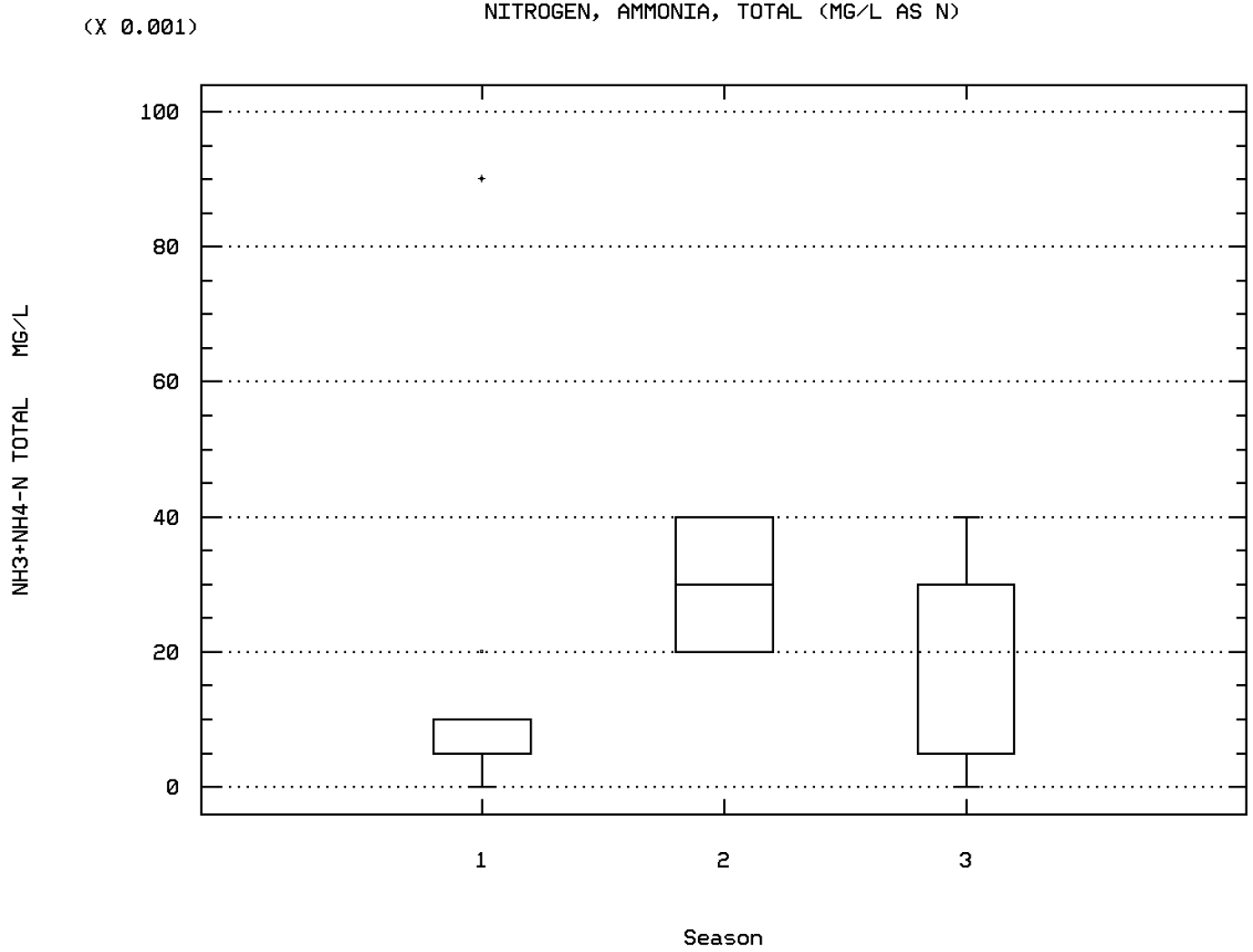
ALLEY SPRING AT ALLEY MO



ALLEY SPRING AT ALLEY MO

Station: OZAR0069 Parameter Code: 00610

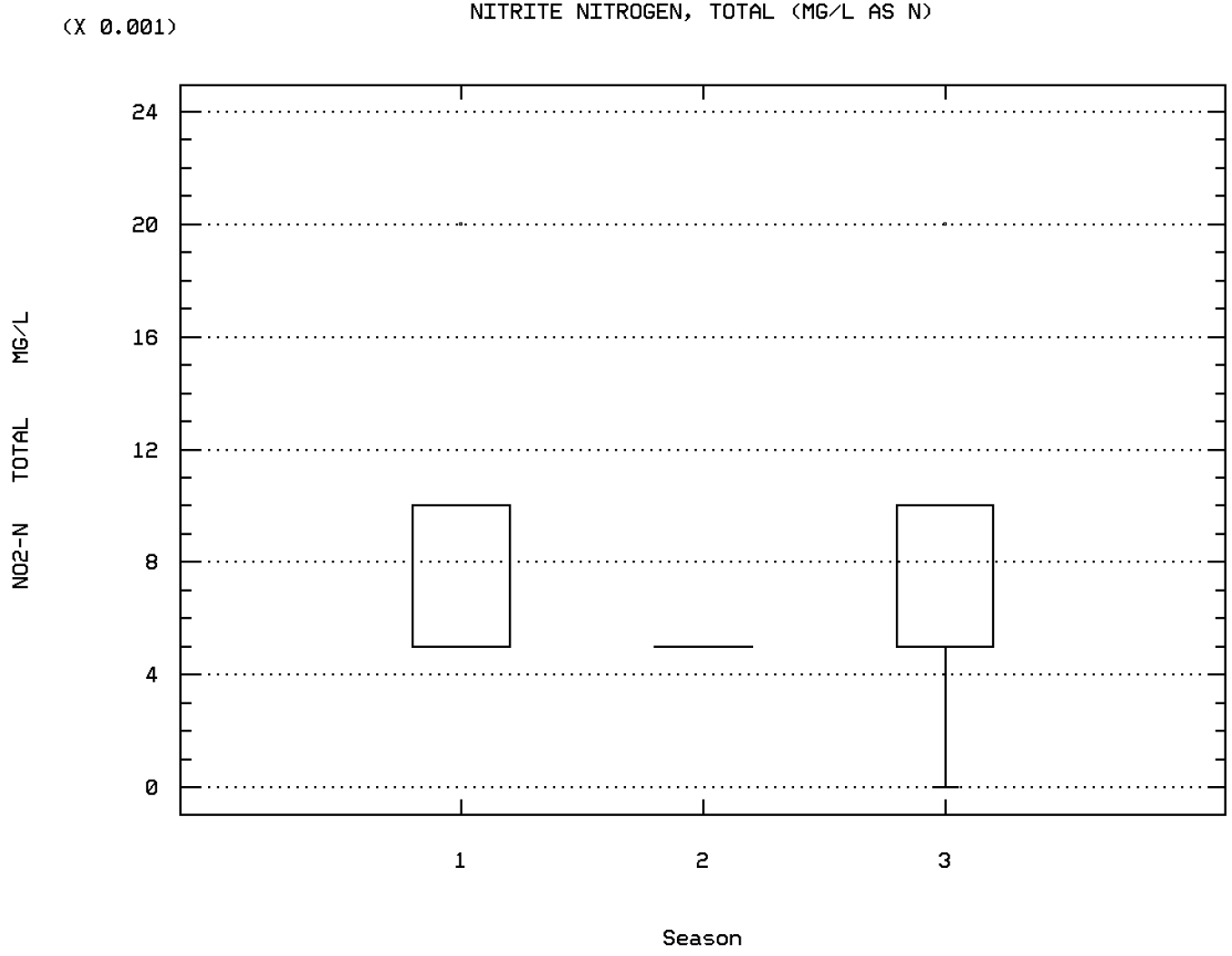
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



ALLEY SPRING AT ALLEY MO

Station: OZAR0069 Parameter Code: 00615

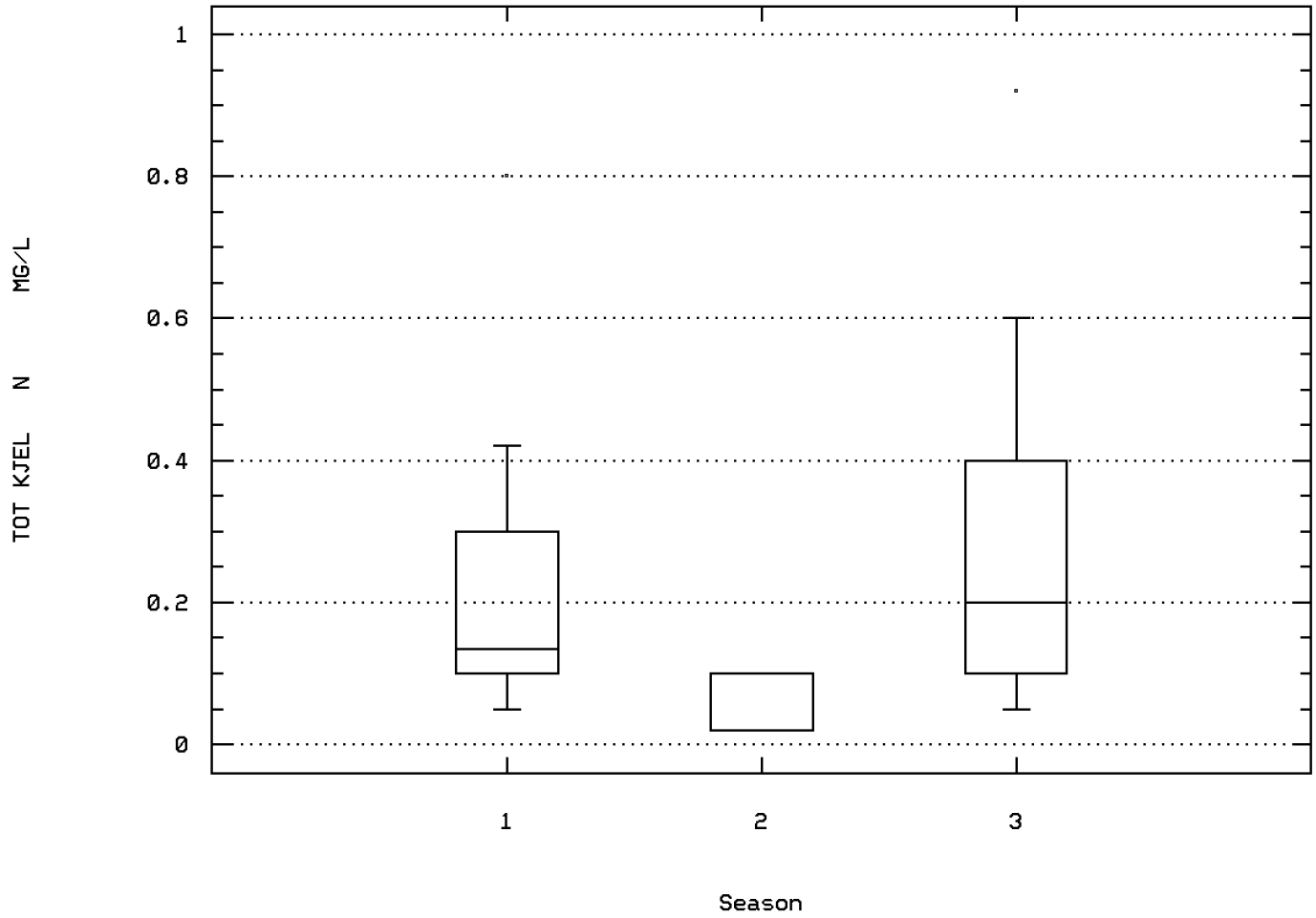
NITRITE NITROGEN, TOTAL (MG/L AS N)



ALLEY SPRING AT ALLEY MO

Station: OZAR0069 Parameter Code: 00625

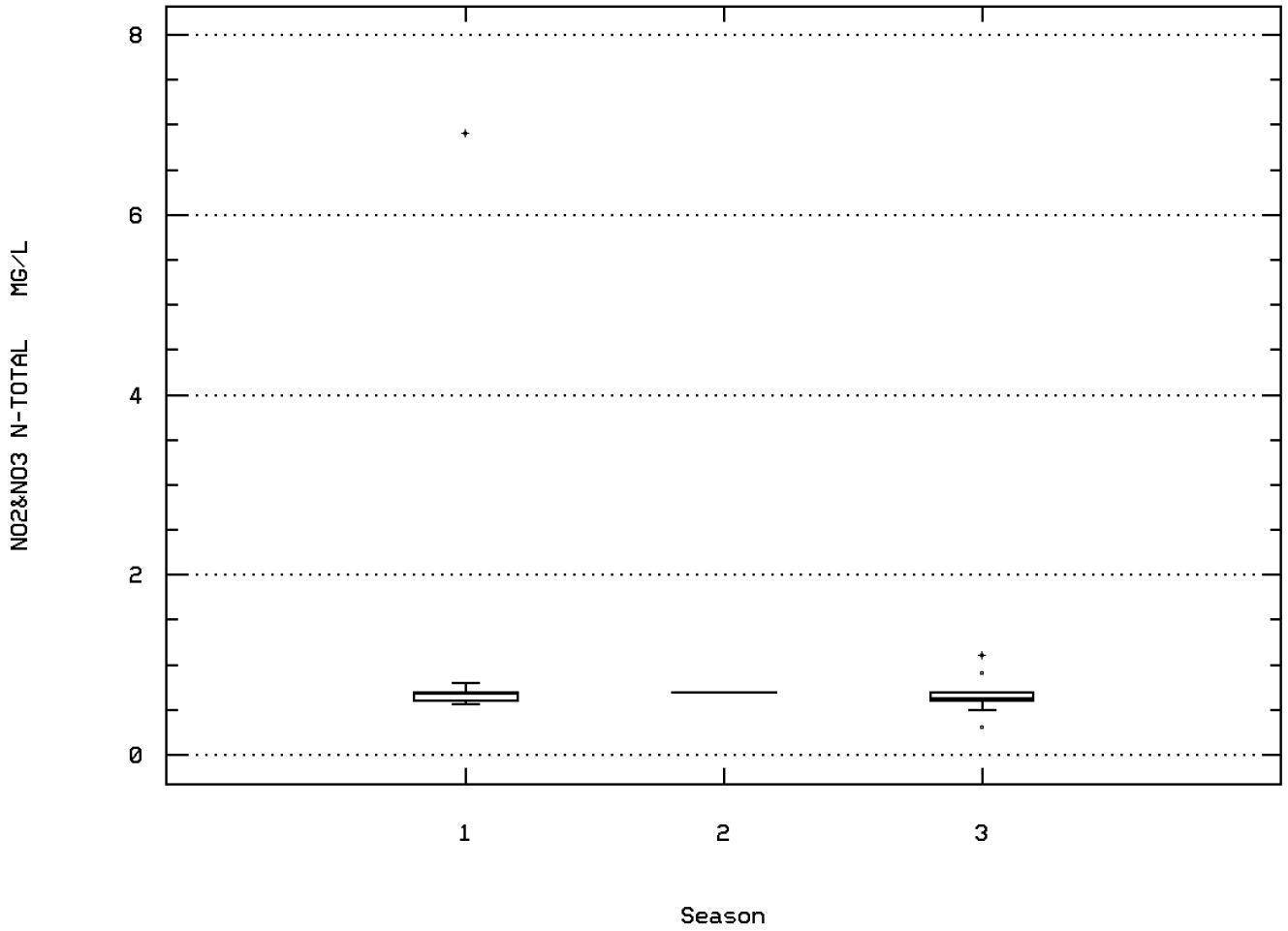
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



ALLEY SPRING AT ALLEY MO

Station: OZAR0069 Parameter Code: 00630

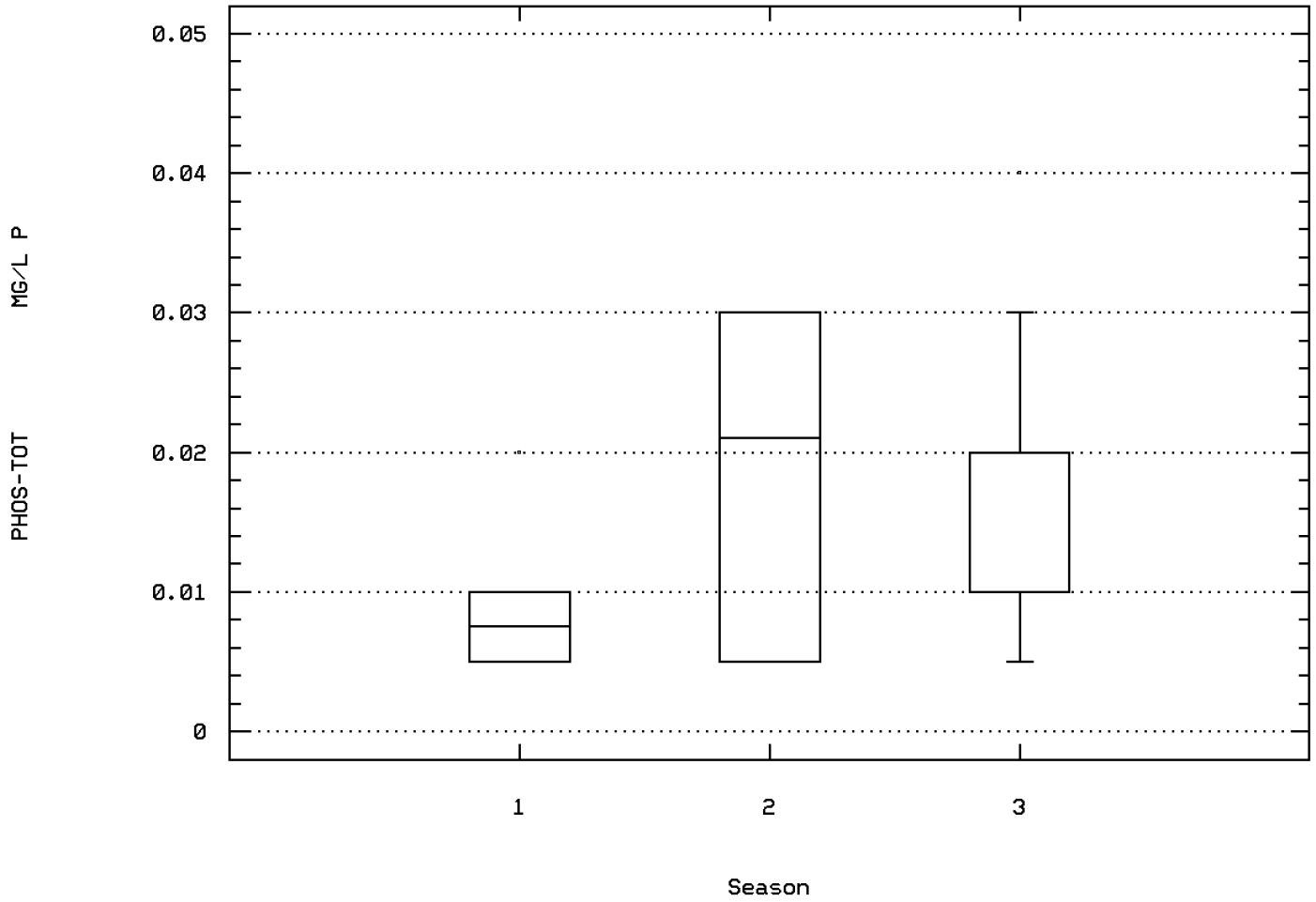
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



ALLEY SPRING AT ALLEY MO

Station: OZAR0069 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)



ALLEY SPRING AT ALLEY MO

Station Inventory for Station: OZAR0070

NPS Station ID: OZAR0070
LAT/LON: 37.153615/ -91.442226
Agency: 112WRD
Date Created: 02/28/78
Location: 029N005W25DBA1
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370913091263201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008044
RF1 Mile Point: 4.440
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008006100.45
RF3 Mile Point: 0.46
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/04/66-10/03/66	3	13.9	13.9	13.9	13.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	02/04/66-04/24/67	4	2.	1.75	3.	0.	1.583	1.258	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/04/66-04/24/67	4	237.5	242.5	305.	190.	2245.667	47.388	**	**	**	**
00400	PH (STANDARD UNITS)	02/04/66-04/27/71	5	7.6	7.62	7.9	7.4	0.032	0.179	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/04/66-04/27/71	5	7.6	7.593	7.9	7.4	0.033	0.181	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/04/66-04/27/71	5	0.025	0.026	0.04	0.013	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/71-04/27/71	1	142.	142.	142.	142.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/04/66-04/27/71	5	150.	156.	200.	112.	1094.	33.076	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/04/66-04/27/71	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/04/66-04/27/71	5	0.47	0.432	0.68	0.18	0.04	0.199	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/24/67-04/24/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/24/67-04/24/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/66-04/27/71	5	129.	128.6	162.	94.	618.8	24.876	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/04/66-04/27/71	5	2.	2.	6.	0.	6.	2.449	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/04/66-04/27/71	5	25.	26.8	32.	21.	21.2	4.604	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/04/66-04/27/71	5	14.7	14.94	20.	10.	13.018	3.608	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/04/66-04/27/71	5	1.2	1.16	1.3	0.9	0.028	0.167	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/04/66-04/27/71	5	0.8	0.76	1.	0.4	0.053	0.23	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/04/66-04/27/71	5	2.	2.3	5.	0.5	2.7	1.643	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/04/66-04/27/71	5	3.	2.8	5.	1.	2.2	1.483	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/04/66-04/27/71	5	0.	0.04	0.1	0.	0.003	0.055	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/04/66-04/27/71	5	8.2	8.3	9.	8.	0.17	0.412	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/04/66-04/27/71	5	129.	135.6	165.	107.	588.8	24.265	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/04/66-04/24/67	4	130.	132.	166.	102.	688.667	26.242	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/04/66-04/27/71	5	2.1	1.92	3.	0.8	0.767	0.876	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	02/04/66-04/27/71	5	0.	2.	10.	0.	20.	4.472	**	**	**	**
71885	IRON (UG/L AS FE)	02/04/66-04/27/71	3	50.	116.667	270.	30.	17733.333	133.167	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0070

Parameter				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	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.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	250.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			

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

Station Inventory for Station: OZAR0071

NPS Station ID: OZAR0071
LAT/LON: 37.153615/ -91.442226
Agency: 112WRD
Date Created: 02/28/78
Location: T29N R05W 25DBA1
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 370913091263200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008044
RF1 Mile Point: 4.440
Distance from RF1: 2.70
On/Off RF1: ON
RF3 Index: 11010008006100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/68-11/20/68	3	14.	14.	14.	14.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/26/67-09/24/68	4	1.	2.25	6.	1.	6.25	2.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/67-11/20/68	6	278.	275.167	321.	220.	1836.967	42.86	**	**	**	**
00400	PH (STANDARD UNITS)	10/26/67-11/20/68	6	7.47	7.473	7.7	7.2	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/26/67-11/20/68	6	7.469	7.444	7.7	7.2	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/26/67-11/20/68	6	0.034	0.036	0.063	0.02	0.	0.015	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/26/67-11/20/68	7	172.	174.857	205.	138.	762.143	27.607	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/26/67-11/20/68	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/26/67-09/24/68	4	0.45	0.478	0.72	0.29	0.037	0.193	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/67-09/24/68	4	0.01	0.01	0.02	0.	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/67-09/24/68	4	0.004	0.004	0.007	0.	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/67-11/20/68	7	152.	149.714	172.	115.	499.571	22.351	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/26/67-11/20/68	6	7.5	6.833	10.	2.	10.567	3.251	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/26/67-11/20/68	7	31.	31.143	36.	23.	21.81	4.67	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/67-11/20/68	7	18.	17.429	20.	14.	7.619	2.76	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/67-09/24/68	4	1.35	1.25	1.5	0.8	0.097	0.311	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/67-09/24/68	4	0.9	0.925	1.1	0.8	0.016	0.126	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/67-09/24/68	4	2.	1.75	2.	1.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/67-09/24/68	4	2.5	2.15	3.	0.6	1.29	1.136	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/26/67-09/24/68	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/67-09/24/68	4	7.25	7.625	8.9	7.1	0.729	0.854	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/26/67-09/24/68	4	169.5	161.	194.	111.	1244.667	35.28	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/26/67-09/24/68	4	170.5	162.	172.	135.	324.667	18.019	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/26/67-09/24/68	4	2.	2.125	3.2	1.3	0.729	0.854	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/26/67-09/24/68	4	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/05/68-09/24/68	2	85.	85.	90.	80.	50.	7.071	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	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

EPA Water Quality Criteria Analysis for Station: OZAR0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	3	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	250.	4	0	0.00	3	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	3	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	3	0	0.00				1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	4	0	0.00	3	0	0.00				1	0	0.00			

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

Station Inventory for Station: OZAR0072

NPS Station ID: OZAR0072 | LAT/LON: 37.148893/ -91.449726 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: ALLEY - ABOVE CAMP | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ALLU
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FORK RIVER. ACCESS IS VIA A SMALL GRAVEL ROAD THAT GOES NEAR THE RIVER FROM INSIDE ALLEY SPRINGS

Parameter Inventory for Station: OZAR0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-08/10/87	39	26.1	25.59	29.	20.	4.929	2.22	22.	23.9	27.2	28.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/87-08/10/87	4	29.5	29.5	31.	28.	1.667	1.291	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/83-07/14/87	7	215.	233.571	325.	180.	2247.619	47.409	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/83-08/27/83	4	9.25	8.975	10.	7.4	1.243	1.115	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/83-08/10/87	10	7.65	7.79	8.5	7.1	0.163	0.404	7.15	7.6	8.2	8.47
00400	CONVERTED PH (STANDARD UNITS)	07/12/83-08/10/87	10	7.647	7.635	8.5	7.1	0.19	0.436	7.15	7.6	8.2	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/83-08/10/87	10	0.023	0.023	0.079	0.003	0.	0.022	0.003	0.006	0.025	0.074
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-07/27/87	8	174.	175.125	192.	150.	172.696	13.141	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-07/25/90	3	0.1	0.11	0.16	0.07	0.002	0.046	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	6	0.06	0.093	0.25	0.04	0.006	0.08	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-07/27/87	34	14.	23.324	105.	0.	715.619	26.751	0.	4.	40.	60.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-07/27/87	34	1.142	1.049	2.021	0.	0.381	0.617	0.	0.602	1.602	1.777
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.182								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/27/87	18	42.	113.056	999.	4.	52695.35	229.555	4.	19.	94.	333.9
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/27/87	18	1.623	1.643	3.	0.602	0.345	0.588	0.602	1.277	1.971	2.473
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			43.988								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/25/90-07/25/90	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	10	0	0.00	5	0	0.00				5	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	5	0	0.00				5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	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

EPA Water Quality Criteria Analysis for Station: OZAR0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	34	0	0.00	17	0	0.00				17	0	0.00			

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

Station Inventory for Station: OZAR0073

NPS Station ID: OZAR0073
LAT/LON: 37.144448/ -91.457503
Agency: 112WRD
Date Created: 11/20/93
Location: JACKS FORK RIVER AT ALLEY SPRING, MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07065495
RMI-Indexes:
Within Park Boundary: Yes
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: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/93-04/11/95	22	13.95	15.177	25.6	4.	41.291	6.426	6.79	9.725	20.25	24.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/20/93-04/11/95	21	15.5	17.743	30.	4.4	67.847	8.237	6.1	12.	25.	29.
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/93-04/11/95	22	770.	768.727	778.	747.	49.827	7.059	760.3	764.	773.25	777.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/93-09/20/94	18	208.	1397.167	11100.	77.	10683582.382	3268.575	78.8	112.75	561.75	9713.1
00065	STAGE, STREAM (FEET)	04/20/93-04/11/95	21	6.77	7.6	15.39	5.9	6.441	2.538	6.016	6.33	7.625	13.324
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/93-04/11/95	22	295.	281.591	337.	117.	3385.872	58.188	163.4	266.	326.	335.1
00300	OXYGEN, DISSOLVED MG/L	04/20/93-04/11/95	22	9.5	9.718	13.2	7.4	3.	1.732	7.46	8.275	10.9	12.75
00400	PH (STANDARD UNITS)	04/20/93-04/11/95	22	8.08	7.993	8.25	7.32	0.086	0.293	7.36	7.943	8.203	8.237
00400	CONVERTED PH (STANDARD UNITS)	04/20/93-04/11/95	22	8.08	7.871	8.25	7.32	0.101	0.318	7.36	7.942	8.203	8.237
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/93-04/11/95	22	0.008	0.013	0.048	0.006	0.	0.013	0.006	0.006	0.011	0.044
00403	PH, LAB, STANDARD UNITS SU	05/11/93-03/21/95	22	7.95	7.945	8.2	7.4	0.047	0.218	7.52	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	05/11/93-03/21/95	22	7.947	7.882	8.2	7.4	0.052	0.227	7.52	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/93-03/21/95	22	0.011	0.013	0.04	0.006	0.	0.009	0.006	0.008	0.013	0.033
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/93-10/13/93	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	04/20/93-04/11/95	22	156.	149.182	188.	53.	1312.251	36.225	76.6	137.75	175.75	183.7
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/20/93-04/11/95	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/20/93-04/11/95	22	191.5	183.	229.	64.	1971.238	44.399	95.1	170.	216.	225.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/20/93-03/21/95	23	0.02	0.019	0.05	0.005	0.	0.013	0.005	0.008	0.02	0.042
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/20/93-03/21/95	23 ##	0.005	0.006	0.02	0.005	0.	0.003	0.005	0.005	0.005	0.008
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/20/93-03/21/95	23 ##	0.1	0.117	0.3	0.1	0.003	0.058	0.1	0.1	0.1	0.22
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/93-03/21/95	23 ##	0.1	0.157	0.9	0.1	0.037	0.193	0.1	0.1	0.1	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/20/93-03/21/95	23	0.1	0.153	0.3	0.06	0.005	0.07	0.076	0.1	0.2	0.26
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/93-03/21/95	23 ##	0.005	0.022	0.19	0.005	0.002	0.048	0.005	0.005	0.01	0.106
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/20/93-03/21/95	23 ##	0.005	0.008	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.016
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/93-03/21/95	23 ##	0.005	0.008	0.03	0.005	0.	0.008	0.005	0.005	0.005	0.026
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/20/93-03/21/95	22	0.8	1.527	7.2	0.5	3.003	1.733	0.6	0.7	1.475	4.98
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	04/20/93-03/21/95	22	0.1	0.382	5.	0.1	1.09	1.044	0.1	0.1	0.125	0.67
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/93-03/21/95	23	32.	30.391	38.	12.	41.613	6.451	18.	28.	35.	35.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/93-03/21/95	23	19.	17.804	23.	6.	18.835	4.34	9.5	16.	21.	22.
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/93-03/21/95	23	1.2	1.161	1.4	0.6	0.042	0.204	0.76	1.1	1.3	1.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/93-03/21/95	23	1.1	1.222	2.7	0.9	0.16	0.4	1.	1.	1.2	1.82
00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/93-03/21/95	23	2.	2.039	3.	0.9	0.235	0.485	1.4	2.	2.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/93-03/21/95	23	3.	2.913	4.	2.	0.356	0.596	2.	3.	3.	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/20/93-03/21/95	23 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.08
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/20/93-03/21/95	23	6.4	6.822	10.	4.9	1.968	1.403	5.14	5.8	7.7	9.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/20/93-03/21/95	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/20/93-03/21/95	12	26.5	26.917	34.	17.	30.992	5.567	17.6	23.25	32.75	33.7
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	04/20/93-03/21/95	12 ##	0.25	0.421	1.2	0.25	0.078	0.28	0.25	0.25	0.5	1.02

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

Parameter Inventory for Station: OZAR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/20/93-03/21/95	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/20/93-03/21/95	12 ##	2.5	2.25	2.5	1.	0.341	0.584	1.	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	04/20/93-03/21/95	12 ##	1.5	1.333	1.5	0.5	0.152	0.389	0.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	04/20/93-03/21/95	12 ##	5.	4.25	5.	0.5	3.068	1.752	0.5	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	04/20/93-03/21/95	23	4.	22.848	290.	1.5	3743.464	61.184	1.5	1.5	9.	68.2
01049	LEAD, DISSOLVED (UG/L AS PB)	04/20/93-03/21/95	12 ##	5.	5.5	20.	0.5	23.864	4.885	0.5	5.	5.	15.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/20/93-03/21/95	24	2.	2.333	13.	0.5	6.862	2.62	0.5	0.625	3.	4.5
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/20/93-03/21/95	12 ##	5.	4.25	5.	0.5	3.068	1.752	0.5	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/20/93-03/21/95	12 ##	5.	4.833	10.	1.	4.515	2.125	1.3	5.	5.	8.5
01075	SILVER, DISSOLVED (UG/L AS AG)	04/20/93-03/21/95	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/20/93-08/09/94	10	24.5	23.4	30.	11.	41.156	6.415	11.3	19.25	29.	29.9
01085	VANADIUM, DISSOLVED (UG/L AS V)	04/20/93-08/09/94	10 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/20/93-03/21/95	12 ##	2.75	6.083	41.	0.5	125.765	11.215	0.5	1.5	4.75	31.1
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	11/29/94-03/21/95	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/29/94-03/21/95	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	04/20/93-08/09/94	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/20/93-03/21/95	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	05/27/94-05/27/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	11/29/94-03/21/95	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/20/93-04/11/95	22	11.	343.864	5200.	0.5	1257349.433	1121.316	0.65	2.75	89.75	1050.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	04/20/93-04/11/95	22	1.04	1.228	3.716	-0.301	1.116	1.056	-0.211	0.433	1.951	3.009
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			16.918								
31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	05/27/94-04/11/95	9	7.	55.778	400.	1.	16896.194	129.985	1.	3.	36.5	400.
31633	LOG E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100	05/27/94-04/11/95	9	0.845	0.994	2.602	0.	0.669	0.818	0.	0.349	1.535	2.602
31633	GM E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100M	GEOMETRIC MEAN =			9.87								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/20/93-04/11/95	22	23.	454.545	5500.	1.	1673736.165	1293.73	2.3	10.5	70.5	2330.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/20/93-04/11/95	22	1.361	1.541	3.74	0.	0.86	0.927	0.354	1.004	1.847	3.324
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			34.724								
34253	A-BHC-ALPHA DISSUG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34790	SURFACTANTS, AS CTAS, WATER MG/L	10/21/93-10/21/93	1	5.	5.	5.	5.	0.	0.	**	**	**	**
34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
34805	BARIUM, BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	380.	380.	380.	380.	0.	0.	**	**	**	**
34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	69.	69.	69.	69.	0.	0.	**	**	**	**
34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	52.	52.	52.	52.	0.	0.	**	**	**	**
34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	16.	16.	16.	16.	0.	0.	**	**	**	**
34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	19.	19.	19.	19.	0.	0.	**	**	**	**
34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34880	IRON,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	37.	37.	37.	37.	0.	0.	**	**	**	**
34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	24.	24.	24.	24.	0.	0.	**	**	**	**
34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	30.	30.	30.	30.	0.	0.	**	**	**	**
34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	760.	760.	760.	760.	0.	0.	**	**	**	**
34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	34.	34.	34.	34.	0.	0.	**	**	**	**
34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	30.	30.	30.	30.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OZAR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	9.	9.	9.	9.	0.	0.	**	**	**	**
34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	46.	46.	46.	46.	0.	0.	**	**	**	**
34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
34985	TIN,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	63.	63.	63.	63.	0.	0.	**	**	**	**
35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	29.	29.	29.	29.	0.	0.	**	**	**	**
35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**
35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	10/21/93-10/21/93	1	64.	64.	64.	64.	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38478	LINURON WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38482	MCPA WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38487	MCPB WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38501	METHIOCARB WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38538	PROPOXUR WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38711	BENTAZON WATER, DISUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38746	2,4-DB WATER, DISUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38811	FLUOMETURON WATER, DISUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38866	OXAMYL WATER, DISUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/20/93-04/11/95	22	157.	149.909	188.	53.	1324.658	36.396	77.5	139.	177.	184.
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	05/27/94-05/27/94	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
49235	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49236	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49266	INVALID PARAMETER	10/21/93-10/21/93	1	2.74	2.74	2.74	2.74	0.	0.	**	**	**	**
49267	INVALID PARAMETER	10/21/93-10/21/93	1	2.79	2.79	2.79	2.79	0.	0.	**	**	**	**
49269	INVALID PARAMETER	10/21/93-10/21/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
49270	INVALID PARAMETER	10/21/93-10/21/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
49271	INVALID PARAMETER	10/21/93-10/21/93	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
49272	INVALID PARAMETER	10/21/93-10/21/93	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
49274	INVALID PARAMETER	10/21/93-10/21/93	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
49275	INVALID PARAMETER	10/21/93-10/21/93	1	31.	31.	31.	31.	0.	0.	**	**	**	**
49276	INVALID PARAMETER	10/21/93-10/21/93	1	57.	57.	57.	57.	0.	0.	**	**	**	**
49277	INVALID PARAMETER	10/21/93-10/21/93	1	45.	45.	45.	45.	0.	0.	**	**	**	**
49278	INVALID PARAMETER	10/21/93-10/21/93	1	70.	70.	70.	70.	0.	0.	**	**	**	**
49279	INVALID PARAMETER	10/21/93-10/21/93	1	41.	41.	41.	41.	0.	0.	**	**	**	**
49280	INVALID PARAMETER	10/21/93-10/21/93	1	43.	43.	43.	43.	0.	0.	**	**	**	**
49291	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49292	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49293	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49294	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49295	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49296	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49297	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49298	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OZAR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49299	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49300	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49301	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49302	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49303	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49304	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49305	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49306	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49307	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49308	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49309	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49310	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49311	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49312	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49313	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49314	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49315	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49316	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49317	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49318	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49319	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49320	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49321	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49322	INVALID PARAMETER	10/21/93-10/21/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49324	INVALID PARAMETER	10/21/93-10/21/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49325	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49326	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49327	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49328	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49329	INVALID PARAMETER	10/21/93-10/21/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49330	INVALID PARAMETER	10/21/93-10/21/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49331	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49332	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49335	INVALID PARAMETER	10/21/93-10/21/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49338	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49339	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49341	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49342	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49343	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49344	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49345	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49346	INVALID PARAMETER	10/21/93-10/21/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49347	INVALID PARAMETER	10/21/93-10/21/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49348	INVALID PARAMETER	10/21/93-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49349	INVALID PARAMETER	10/21/93-10/21/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49350	INVALID PARAMETER	10/21/93-10/21/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49351	INVALID PARAMETER	10/21/93-10/21/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
49381	INVALID PARAMETER	10/21/93-10/21/93	1	62.	62.	62.	62.	0.	0.	**	**	**	**
49382	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49383	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49384	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49387	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49388	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49389	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49390	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49391	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49392	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49393	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49394	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49395	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49396	INVALID PARAMETER	10/21/93-10/21/93	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
49397	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49398	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OZAR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49399	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49400	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49401	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49402	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49403	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49404	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49405	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49406	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49407	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49408	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49409	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49410	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49411	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49413	INVALID PARAMETER	10/21/93-10/21/93	1	45.	45.	45.	45.	0.	0.	**	**	**	**
49421	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49422	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49424	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49426	INVALID PARAMETER	10/21/93-10/21/93	1	21.	21.	21.	21.	0.	0.	**	**	**	**
49427	INVALID PARAMETER	10/21/93-10/21/93	1	20.	20.	20.	20.	0.	0.	**	**	**	**
49428	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49429	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49430	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49431	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49433	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49434	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49435	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49436	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49437	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49438	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49439	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49441	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49442	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49443	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49444	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49446	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49449	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49450	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49451	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49452	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49454	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49455	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49458	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49459	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49460	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49461	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49466	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49467	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49468	INVALID PARAMETER	10/21/93-10/21/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49490	INVALID PARAMETER	10/21/93-10/21/93	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/93-03/21/95	23	153.	150.217	183.	73.	801.178	28.305	96.8	144.	172.	179.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/20/93-09/20/94	15	66.	58.467	100.	0.	1435.41	37.887	0.	18.	93.	100.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/20/93-09/20/94	18	11.5	29.667	176.	0.	2647.765	51.456	0.	1.75	24.5	156.2
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	05/27/94-05/27/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	05/27/94-05/27/94	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OZAR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0073

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-4/20----------			----------4/21-7/31----------			----------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.	22	0	0.00	5	0	0.00	11	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	22	0	0.00	5	0	0.00	11	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00	5	0	0.00	11	0	0.00	6	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	22	0	0.00	6	0	0.00	10	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00	6	0	0.00	10	0	0.00	6	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	23	0	0.00	6	0	0.00	11	0	0.00	6	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	23	0	0.00	6	0	0.00	11	0	0.00	6	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	23	0	0.00	6	0	0.00	11	0	0.00	6	0	0.00			
		Drinking Water	250.	23	0	0.00	6	0	0.00	11	0	0.00	6	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	23	0	0.00	6	0	0.00	11	0	0.00	6	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	23	0	0.00	6	0	0.00	11	0	0.00	6	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	50.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	4.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	5.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	1300.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	15.	12	1	0.08	4	1	0.25	6	0	0.00	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	100.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	100.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	5000.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00				2	0	0.00						
		Drinking Water	6.	2	0	0.00				2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	50.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	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: OZAR0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	22	3	0.14	5	1	0.20	11	1	0.09	6	1	0.17			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
38866	OXAMYL, DISSOLVED	Drinking Water	200.	1	0	0.00							1	0	0.00			
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00							1	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00							1	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	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			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	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: OZAR0074

NPS Station ID: OZAR0074
LAT/LON: 37.144448/ -91.458615
Agency: 112WRD
Date Created: / /
Location: JACKS FORK ABOVE ALLEY SPRING, MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07065490
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008003000.64
RF3 Mile Point: 0.73
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/73-10/16/73	3	24.5	23.333	27.5	18.	23.583	4.856	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	242.	242.	242.	242.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/19/73-10/16/73	3	195.	175.667	242.	90.	6056.333	77.822	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/73-10/16/73	3	323.	321.	362.	278.	1767.	42.036	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/19/73-10/16/73	3	8.5	8.367	8.8	7.8	0.263	0.513	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/19/73-10/16/73	3	93.	97.	110.	88.	133.	11.533	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/19/73-06/19/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/19/73-10/16/73	3	8.2	8.2	8.3	8.1	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/19/73-10/16/73	3	8.2	8.192	8.3	8.1	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/73-10/16/73	3	0.006	0.006	0.008	0.005	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/19/73-10/16/73	3	1.9	2.133	2.7	1.8	0.243	0.493	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/73-10/16/73	3	177.	170.333	180.	154.	202.333	14.224	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/19/73-10/16/73	3	216.	208.	220.	188.	304.	17.436	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/19/73-10/16/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.26	0.313	0.47	0.21	0.019	0.138	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.1	0.073	0.12	0.	0.004	0.064	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.06	0.055	0.1	0.005	0.002	0.048	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/19/73-10/16/73	3	0.16	0.183	0.3	0.09	0.011	0.107	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/73-10/16/73	3	0.12	0.127	0.16	0.1	0.001	0.031	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-10/16/73	3	0.16	0.187	0.31	0.09	0.013	0.112	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/73-10/16/73	3	0.01	0.02	0.04	0.01	0.	0.017	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/19/73-10/16/73	3	0.01	0.015	0.03	0.005	0.	0.013	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/73-10/16/73	3	13.	12.667	15.	10.	6.333	2.517	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/73-10/16/73	3	1.114	1.097	1.176	1.	0.008	0.089	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.493								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/19/73-10/16/73	3	96.	83.	97.	56.	547.	23.388	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/19/73-10/16/73	3	1.982	1.906	1.987	1.748	0.019	0.136	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			80.49								
49237	INVALID PARAMETER	10/19/93-10/19/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49238	INVALID PARAMETER	10/19/93-10/19/93	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
49239	INVALID PARAMETER	10/19/93-10/19/93	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
49240	INVALID PARAMETER	10/19/93-10/19/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
49241	INVALID PARAMETER	10/19/93-10/19/93	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
49242	INVALID PARAMETER	10/19/93-10/19/93	1	208.	208.	208.	208.	0.	0.	**	**	**	**
49243	INVALID PARAMETER	10/19/93-10/19/93	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
49244	INVALID PARAMETER	10/19/93-10/19/93	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
49245	INVALID PARAMETER	10/19/93-10/19/93	1	71.1	71.1	71.1	71.1	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: OZAR0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49246	INVALID PARAMETER	10/19/93-10/19/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49247	INVALID PARAMETER	10/19/93-10/19/93	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49248	INVALID PARAMETER	10/19/93-10/19/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49249	INVALID PARAMETER	10/19/93-10/19/93	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
49250	INVALID PARAMETER	10/19/93-10/19/93	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
49251	INVALID PARAMETER	10/19/93-10/19/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49252	INVALID PARAMETER	10/19/93-10/19/93	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
49253	INVALID PARAMETER	10/19/93-10/19/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
49254	INVALID PARAMETER	10/19/93-10/19/93	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
49255	INVALID PARAMETER	10/19/93-10/19/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49257	INVALID PARAMETER	10/19/93-10/19/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49258	INVALID PARAMETER	10/19/93-10/19/93	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
49261	INVALID PARAMETER	10/19/93-10/19/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
49264	INVALID PARAMETER	10/19/93-10/19/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
49273	INVALID PARAMETER	10/19/93-10/19/93	1	70.2	70.2	70.2	70.2	0.	0.	**	**	**	**
49289	INVALID PARAMETER	10/19/93-10/19/93	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
49353	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49354	INVALID PARAMETER	10/19/93-10/19/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49355	INVALID PARAMETER	10/19/93-10/19/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
49356	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49357	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49358	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49359	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49360	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49361	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49362	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49363	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49364	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49365	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49366	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49367	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49368	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49369	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49370	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49371	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49372	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49373	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49374	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49375	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49376	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49377	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49378	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49379	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49380	INVALID PARAMETER	10/19/93-10/19/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49465	INVALID PARAMETER	10/19/93-10/19/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-10/16/73	3	1.2	1.4	2.1	0.9	0.39	0.624	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OZAR0075

NPS Station ID: OZAR0075 | LAT/LON: 37.332226/ -91.471392 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: PULLTITE - BELOW CAMP | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PULB
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS:
VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE CURRENT RIVER ACROSS FROM FIRE HYDRANT SPRING.
ACCESS IS VIA THE GROUP CAMPSITE 2 FROM WHENCE A SMALL TRAIL EXTENDS

Parameter Inventory for Station: OZAR0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	82	17.5	17.748	21.1	12.2	2.848	1.688	16.	16.975	18.925	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-08/24/93	32	24.85	25.006	33.4	14.2	13.555	3.682	20.37	23.55	28.	28.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	47	300.	288.979	350.	200.	943.804	30.721	235.	278.	305.	321.
00300	OXYGEN, DISSOLVED MG/L	06/14/94-08/23/94	4	9.4	9.325	9.7	8.8	0.142	0.377	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	33	7.92	7.919	8.3	7.37	0.076	0.275	7.472	7.8	8.115	8.282
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	33	7.92	7.828	8.3	7.37	0.084	0.29	7.472	7.8	8.115	8.282
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	33	0.012	0.015	0.043	0.005	0.	0.011	0.005	0.008	0.016	0.034
00406	PH, FIELD, STANDARD UNITS SU	06/12/91-08/24/93	14	7.895	7.791	8.06	7.31	0.071	0.266	7.39	7.515	8.032	8.05
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/12/91-08/24/93	14	7.895	7.712	8.06	7.31	0.077	0.278	7.39	7.515	8.032	8.05
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/91-08/24/93	14	0.013	0.019	0.049	0.009	0.	0.013	0.009	0.009	0.031	0.041
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	40	154.5	151.375	178.	82.	335.676	18.321	127.5	145.25	161.5	173.6
00600	NITROGEN, TOTAL (MG/L AS N)	05/16/89-09/06/94	32	0.6	0.62	1.14	0.5	0.013	0.113	0.52	0.56	0.66	0.697
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	3	0.47	0.393	0.52	0.19	0.032	0.178	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	33	0.012	0.014	0.1	0.007	0.	0.016	0.008	0.009	0.014	0.018
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	77	23.	41.156	387.	0.	4274.502	65.38	4.8	12.	40.	90.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	77	1.362	1.307	2.588	0.	0.288	0.537	0.68	1.079	1.6	1.957
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.275								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	67	60.	98.493	980.	0.	20466.102	143.06	10.	20.	120.	200.8
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	67	1.778	1.728	2.991	0.	0.252	0.502	1.	1.301	2.079	2.302
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			53.489								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/16/89-09/06/94	27	1.4	1.704	6.9	0.8	1.512	1.23	0.9	1.1	1.8	2.82

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

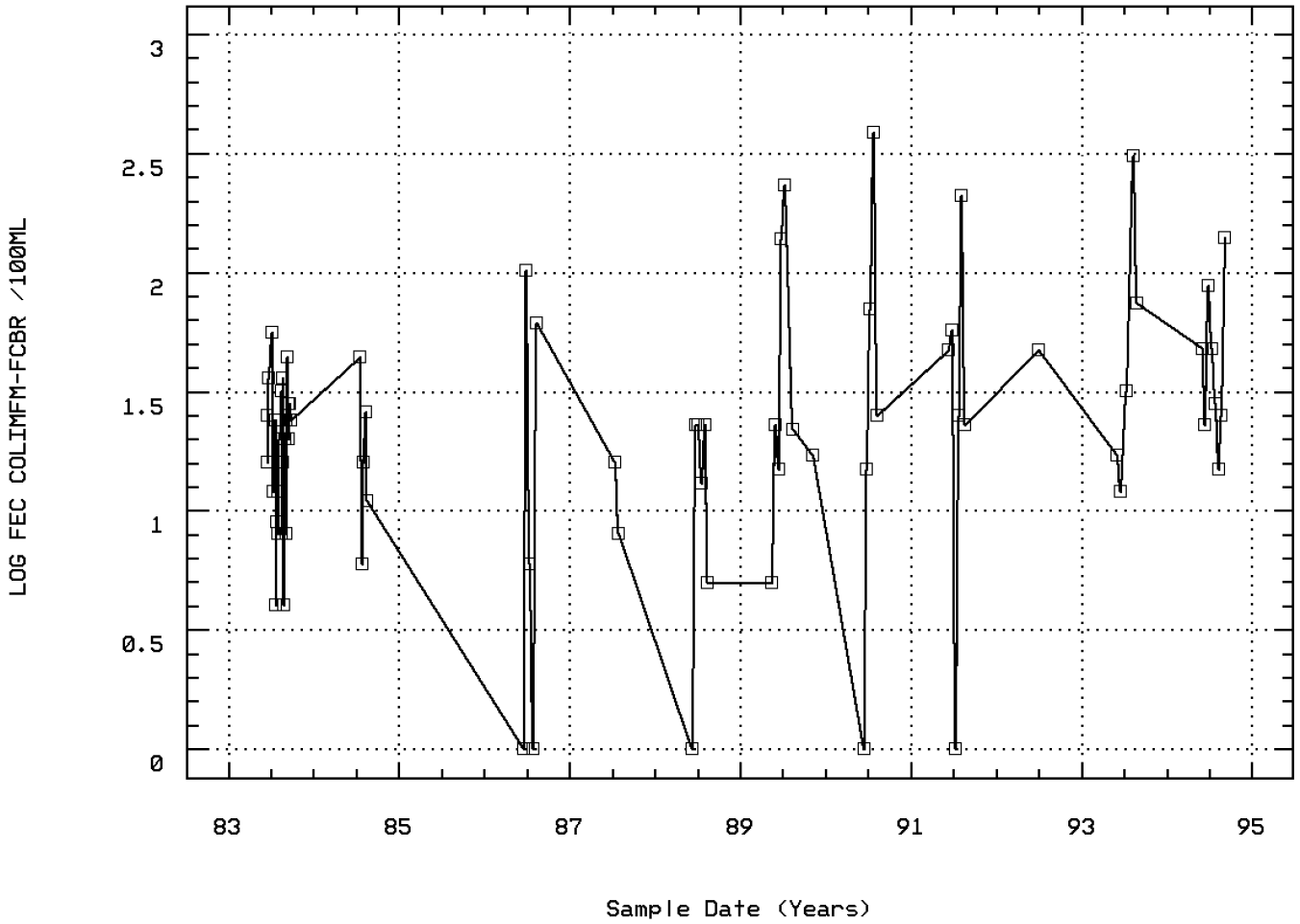
EPA Water Quality Criteria Analysis for Station: OZAR0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	33	0	0.00	8	0	0.00	1	0	0.00	24	0	0.00			
		Other-Lo Lim.	6.5	33	0	0.00	8	0	0.00	1	0	0.00	24	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	14	0	0.00	4	0	0.00				10	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	4	0	0.00				10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00							3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	77	4	0.05	31	2	0.06	1	0	0.00	45	2	0.04			

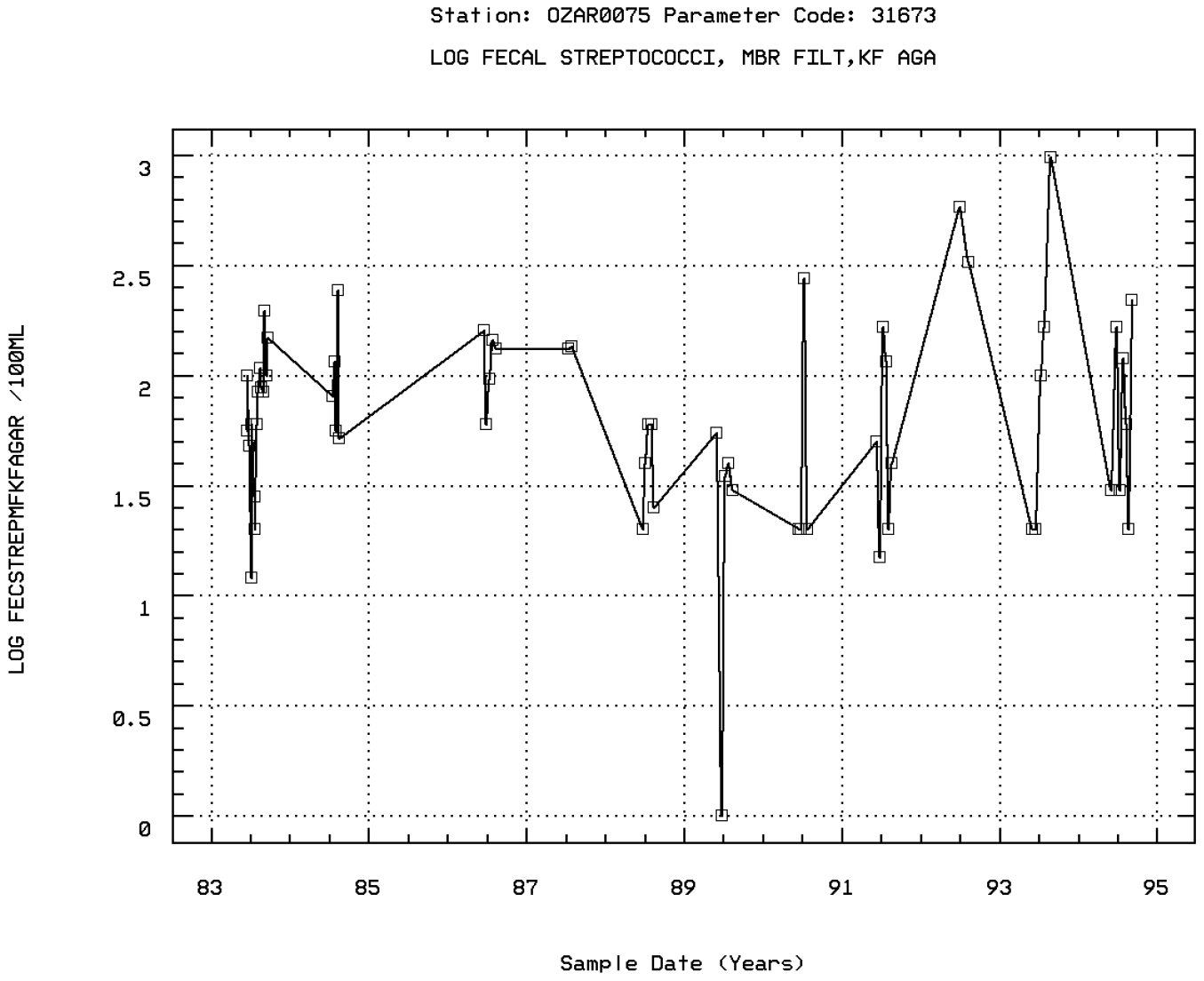
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: OZAR0075 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



PULLTITE - BELOW CAMP



PULLTITE - BELOW CAMP

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	31	18.	17.994	21.1	13.9	2.374	1.541	15.94	17.	19.4	19.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	13	316.	306.923	330.	240.	530.244	23.027	260.	300.	320.	328.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	10	161.	153.7	178.	82.	754.9	27.475	87.5	149.75	168.5	177.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	31	23.	42.774	310.	4.	4180.447	64.656	8.	16.	32.	126.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	31	1.362	1.39	2.491	0.602	0.174	0.418	0.903	1.204	1.505	2.091
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.549								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	23	84.	136.609	980.	10.	40302.976	200.756	20.	40.	148.	292.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	23	1.924	1.892	2.991	1.	0.202	0.45	1.301	1.602	2.17	2.462
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			78.017								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	1	170.	170.	170.	170.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	1	17.	17.	17.	17.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	1	1.23	1.23	1.23	1.23	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10.								

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

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	50	17.25	17.706	21.1	14.2	2.586	1.608	16.	16.85	18.9	20.27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	33	290.	280.818	350.	200.	917.841	30.296	232.	263.	300.	303.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	29	148.	149.931	178.	116.	208.424	14.437	127.	145.	157.	174.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	45	23.	40.578	387.	0.	4517.477	67.212	0.	9.5	47.	93.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	45	1.362	1.251	2.588	0.	0.371	0.609	0.	0.977	1.672	1.97
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.841								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	43	50.	80.163	580.	0.	9723.901	98.61	10.	20.	116.	165.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	43	1.699	1.658	2.763	0.	0.257	0.507	1.	1.301	2.064	2.217
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			45.449								

** - Less than 9 observations ## - Computed 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: OZAR0076

NPS Station ID: OZAR0076 | LAT/LON: 37.335004/ -91.474727 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: PULLTITE - UPPER ACCESS | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PULU
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE CURRENT RIVER AT THE PULLTITE BOAT ACCESS ON THE MAIN ROAD NEAR THE FEE STATION.

Parameter Inventory for Station: OZAR0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-07/27/87	38	19.4	18.911	21.1	13.9	2.108	1.452	17.18	18.	20.	20.64
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-07/27/87	2	27.5	27.5	31.	24.	24.5	4.95	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-08/15/88	10	222.5	237.	330.	190.	2006.667	44.796	191.5	208.75	255.	327.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	6	10.35	10.95	14.	9.8	2.463	1.569	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-08/15/88	11	8.	7.864	8.4	6.7	0.253	0.503	6.86	7.6	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-08/15/88	11	8.	7.515	8.4	6.7	0.386	0.622	6.86	7.6	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-08/15/88	11	0.01	0.031	0.2	0.004	0.003	0.057	0.004	0.005	0.025	0.166
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-07/14/87	8	173.5	171.	187.	150.	189.714	13.774	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-06/13/90	6	0.35	0.358	0.47	0.28	0.005	0.072	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	5	0.32	0.336	0.4	0.28	0.003	0.052	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/90-06/13/90	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/15/88	34	16.	24.324	125.	0.	766.832	27.692	0.	4.	33.	63.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/15/88	34	1.204	1.099	2.097	0.	0.334	0.578	0.	0.602	1.518	1.79
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.566								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-08/15/88	18	106.	154.444	568.	10.	25489.673	159.655	11.8	35.	222.	463.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-08/15/88	18	2.025	1.941	2.754	1.	0.274	0.524	1.071	1.544	2.345	2.665
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			87.343								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/13/90-06/13/90	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: OZAR0076

Parameter				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			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.	6	0	0.00	3	0	0.00				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00	5	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00				6	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	3	0	0.00				2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	34	0	0.00	18	0	0.00				16	0	0.00			

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

Station Inventory for Station: OZAR0077

NPS Station ID: OZAR0077
LAT/LON: 37.334531/ -91.476282
Agency: 21MO0001
Date Created: 11/16/84
Location: T31N, R5W, SECTION 34, SW 1/4
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11010008034
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: WHITE RIVER
Elevation: 0
Water Body Id:
Minor Basin: CURRENT RIVER
ECO Region:
RF1 Index: 11010008034
RF1 Mile Point: 7.730
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008002900.00
RF3 Mile Point: 0.65
Distance from RF3: 0.15
On/Off RF3:
Description:
COUNTY: SHANNON ESTABLISHED FOR: CURRENT RIVER WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/15/73-10/15/73	1	60.8	60.8	60.8	60.8	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/15/73-10/15/73	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	1	761.	761.	761.	761.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/73-10/15/73	1	324.	324.	324.	324.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/73-10/15/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/73-10/15/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/73-10/15/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/73-10/15/73	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/73-10/15/73	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/15/73-10/15/73	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/73-10/15/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/15/73-10/15/73	1	82.	82.	82.	82.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/15/73-10/15/73	1	1.914	1.914	1.914	1.914	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			82.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/15/73-10/15/73	1	180.	180.	180.	180.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/15/73-10/15/73	1	2.255	2.255	2.255	2.255	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			180.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/15/73-10/15/73	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: OZAR0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0078

NPS Station ID: OZAR0078
LAT/LON: 37.332781/ -91.488893
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER BELOW PULLTITE SPRING
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07064560
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008034
RF1 Mile Point: 6.730
Distance from RF1: 19.40
On/Off RF1: ON
RF3 Index: 11010008087000.00
RF3 Mile Point: 1.59
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/73-10/15/73	3	18.5	18.167	20.	16.	4.083	2.021	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	1	761.	761.	761.	761.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/73-10/15/73	3	618.	637.	761.	532.	13381.	115.676	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/30/73-07/30/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/73-10/15/73	3	294.	301.	324.	285.	417.	20.421	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/18/73-10/15/73	3	10.	9.733	10.	9.2	0.213	0.462	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/18/73-10/15/73	3	101.	102.333	109.	97.	37.333	6.11	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/18/73-07/30/73	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
00400	PH (STANDARD UNITS)	06/18/73-10/15/73	3	7.9	8.	8.2	7.9	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/18/73-10/15/73	3	7.9	7.979	8.2	7.9	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/73-10/15/73	3	0.013	0.01	0.013	0.006	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/18/73-10/15/73	3	3.7	3.167	4.1	1.7	1.653	1.286	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/18/73-10/15/73	3	151.	153.	167.	141.	172.	13.115	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/18/73-10/15/73	3	184.	186.667	204.	172.	261.333	16.166	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/18/73-10/15/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	3	0.68	0.677	0.7	0.65	0.001	0.025	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/18/73-10/15/73	3	0.12	0.103	0.19	0.	0.009	0.096	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/73-10/15/73	3	0.03	0.072	0.18	0.005	0.009	0.095	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	3	0.55	0.52	0.55	0.46	0.003	0.052	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/73-10/15/73	3	0.15	0.157	0.19	0.13	0.001	0.031	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/15/73	3	0.55	0.52	0.55	0.46	0.003	0.052	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/73-10/15/73	3	0.02	0.023	0.04	0.01	0.	0.015	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/18/73-10/15/73	3 ##	0.005	0.013	0.03	0.005	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/73-07/30/73	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/30/73-07/30/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/30/73-07/30/73	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/30/73-07/30/73	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/30/73-07/30/73	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/30/73-07/30/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/30/73-07/30/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/30/73-07/30/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/73-07/30/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/30/73-07/30/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/30/73-07/30/73	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/30/73-07/30/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/30/73-07/30/73	1	310.	310.	310.	310.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OZAR0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/30/73-07/30/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/73-10/15/73	3	64.	53.333	82.	14.	1241.333	35.233	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/73-10/15/73	3	1.806	1.622	1.914	1.146	0.173	0.416	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			41.883								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/18/73-10/15/73	3	180.	132.667	180.	38.	6721.333	81.984	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/18/73-10/15/73	3	2.255	2.03	2.255	1.58	0.152	0.39	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			107.179								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/30/73-07/30/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/30/73-07/30/73	1	155.	155.	155.	155.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/30/73-07/30/73	1	155.	155.	155.	155.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/30/73-07/30/73	1	223.	223.	223.	223.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/30/73-07/30/73	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-10/15/73	3	3.	3.	3.1	2.9	0.01	0.1	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
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			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OZAR0079

NPS Station ID: OZAR0079
LAT/LON: 37.334171/ -91.490003
Agency: 112WRD
Date Created: 02/28/78
Location: T30N R05W 33DC
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372003091292401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008034
RF1 Mile Point: 6.820
Distance from RF1: 3.00
On/Off RF1: ON
RF3 Index: 11010008003407.13
RF3 Mile Point: 7.24
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	04/30/71-04/30/71	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/30/71-04/30/71	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/71-04/30/71	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/71-04/30/71	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/30/71-04/30/71	1	173.	173.	173.	173.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/30/71-04/30/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/30/71-04/30/71	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/30/71-04/30/71	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/30/71-04/30/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/30/71-04/30/71	1	31.8	31.8	31.8	31.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/30/71-04/30/71	1	14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/30/71-04/30/71	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/30/71-04/30/71	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/71-04/30/71	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/71-04/30/71	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/30/71-04/30/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/71-04/30/71	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/30/71-04/30/71	1	163.	163.	163.	163.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/30/71-04/30/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	04/30/71-04/30/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	04/30/71-04/30/71	1	140.	140.	140.	140.	0.	0.	**	**	**	**
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	04/30/71-04/30/71	1	308.	308.	308.	308.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	04/30/71-04/30/71	1	308.	308.	308.	308.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			

& - 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: OZAR0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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			
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: OZAR0080

NPS Station ID: OZAR0080
LAT/LON: 37.334171/ -91.490003
Agency: 112WRD
Date Created: / /
Location: PULLTITE SPRING NEAR ROUND SPRING, MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07064555
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008034
RF1 Mile Point: 6.820
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008003600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/19/93	35	14.	13.734	14.5	12.5	0.312	0.559	13.	13.5	14.	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	05/26/83-10/19/93	19	767.	763.421	780.	669.	542.924	23.301	762.	765.	772.	776.
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-05/05/77	2	84.5	84.5	114.	55.	1740.5	41.719	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/19/93	35	75.	78.	164.	10.	2069.412	45.491	21.	34.	114.	145.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/03/73-07/30/73	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/19/93	35	292.	272.629	336.	174.	2382.711	48.813	195.2	226.	310.	325.4
00300	OXYGEN, DISSOLVED MG/L	04/03/73-10/19/93	35	8.6	8.789	10.8	7.4	0.81	0.9	7.6	8.1	9.4	10.24
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/03/73-07/01/82	16	80.	80.188	93.	71.	35.763	5.98	71.7	76.5	83.	90.2
00335	COD, .025N K2CR2O7 MG/L	04/03/73-07/30/73	3	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00400	PH (STANDARD UNITS)	04/03/73-10/19/93	35	7.5	7.48	7.9	7.2	0.036	0.191	7.2	7.3	7.6	7.74
00400	CONVERTED PH (STANDARD UNITS)	04/03/73-10/19/93	35	7.5	7.441	7.9	7.2	0.038	0.195	7.2	7.3	7.6	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/73-10/19/93	35	0.032	0.036	0.063	0.013	0.	0.015	0.018	0.025	0.05	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	04/03/73-09/21/81	15	10.	9.76	15.	5.2	7.151	2.674	6.1	7.2	11.	13.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-09/29/92	34	143.5	137.	172.	85.	732.788	27.07	93.5	109.25	160.5	166.5
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/06/86-09/29/92	12	151.	148.167	171.	106.	366.879	19.154	112.6	136.5	161.75	170.7
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	21	176.	169.714	210.	104.	961.214	31.003	112.4	152.	198.	200.
00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/06/86-09/29/92	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/06/86-10/22/91	11	177.	178.455	209.	129.	525.873	22.932	134.6	166.	196.	206.8
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	09/29/92-09/29/92	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-07/01/82	13	0.68	0.738	1.	0.48	0.033	0.181	0.492	0.625	0.95	1.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/03/73-06/11/81	13	0.13	0.222	0.99	0.	0.076	0.276	0.	0.045	0.37	0.778
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/19/93	33 ##	0.005	0.022	0.25	0.	0.002	0.045	0.005	0.005	0.02	0.048
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	33 ##	0.005	0.007	0.02	0.	0.	0.005	0.005	0.005	0.01	0.016
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/03/73-09/21/81	15	0.51	0.477	0.61	0.	0.021	0.145	0.216	0.46	0.55	0.58
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/19/93	34	0.14	0.229	1.	0.02	0.04	0.2	0.07	0.1	0.305	0.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	33	0.53	0.518	0.7	0.	0.014	0.118	0.412	0.485	0.6	0.612
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/15/79-05/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/19/93	34	0.01	0.013	0.05	0.005	0.	0.01	0.005	0.005	0.02	0.025
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/03/73-10/15/73	4	0.008	0.009	0.02	0.002	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/73-09/05/79	3	94.	81.333	150.	0.	5745.333	75.798	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/03/73-09/05/79	3	1.	3.333	9.	0.	24.333	4.933	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/03/73-07/30/73	2	26.	26.	30.	22.	32.	5.657	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/03/73-07/30/73	2	13.25	13.25	17.	9.5	28.125	5.303	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/03/73-07/30/73	2	1.65	1.65	1.8	1.5	0.045	0.212	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/03/73-07/30/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/03/73-07/30/73	2	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: OZAR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/03/73-07/30/73	2	1.1	1.1	1.3	0.9	0.08	0.283	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/03/73-07/30/73	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/03/73-07/30/73	2	7.5	7.5	11.	4.	24.5	4.95	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/03/73-07/30/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/03/73-07/30/73	2	8.2	8.2	8.4	8.	0.08	0.283	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	28 ##	0.5	1.339	11.	0.	7.094	2.663	0.	0.5	1.	3.7
01046	IRON, DISSOLVED (UG/L AS FE)	04/03/73-07/30/73	2 ##	47.5	47.5	90.	5.	3612.5	60.104	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	28	2.5	13.393	150.	0.5	1083.581	32.918	0.5	1.	6.	39.7
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/73-07/30/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	29 ##	0.5	0.724	10.	0.	3.278	1.811	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	29	10.	32.552	410.	0.	5802.756	76.176	5.	5.	20.	90.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/03/73-04/03/73	1	640.	640.	640.	640.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/03/73-04/03/73	1	2.806	2.806	2.806	2.806	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			640.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-09/24/76	5	5.	8.5	22.	0.5	71.25	8.441	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/03/73-09/24/76	5	0.699	0.677	1.342	-0.301	0.385	0.62	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.751								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	30	15.5	18.183	51.	0.5	262.129	16.19	0.55	2.	32.	42.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	30	1.171	0.947	1.708	-0.301	0.423	0.65	-0.271	0.301	1.505	1.623
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			8.854								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	28	35.	56.	350.	1.	5872.741	76.634	2.	9.25	75.5	140.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	28	1.544	1.38	2.544	0.	0.421	0.649	0.301	0.966	1.875	2.139
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			24.003								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/03/73-09/24/76	5	22.	33.7	84.	0.5	1145.95	33.852	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/03/73-09/24/76	5	1.342	1.143	1.924	-0.301	0.766	0.875	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			13.897								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/03/73-07/30/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/03/73-07/30/73	2	136.	136.	167.	105.	1922.	43.841	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/03/73-07/30/73	2	130.5	130.5	152.	109.	924.5	30.406	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/03/73-07/30/73	2	42.35	42.35	42.8	41.9	0.405	0.636	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/03/73-07/30/73	2	0.185	0.185	0.23	0.14	0.004	0.064	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/19/93	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/15/79-08/26/80	4	0.01	0.08	0.3	0.	0.022	0.147	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/15/79-05/15/84	9	0.06	0.057	0.15	0.03	0.001	0.038	0.03	0.03	0.06	0.15
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-07/01/82	14	3.05	3.336	4.6	2.1	0.662	0.814	2.2	2.775	4.1	4.55

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OZAR0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	35	0	0.00	17	0	0.00	2	0	0.00	16	0	0.00			
00400	PH	Other-Hi Lim.	9.	35	0	0.00	17	0	0.00	2	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	35	0	0.00	17	0	0.00	2	0	0.00	16	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	33	0	0.00	16	0	0.00	1	0	0.00	16	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	15	0	0.00	7	0	0.00	1	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	33	0	0.00	16	0	0.00	1	0	0.00	16	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			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	27 &	1	0.04	12	0	0.00	1	0	0.00	14	1	0.07			
		Drinking Water	5.	27 &	1	0.04	12	0	0.00	1	0	0.00	14	1	0.07			
01051	LEAD, TOTAL	Fresh Acute	82.	27 &	1	0.04	12	0	0.00	1	0	0.00	14	1	0.07			
		Drinking Water	15.	27 &	3	0.11	12	1	0.08	1	0	0.00	14	2	0.14			
01077	SILVER, TOTAL	Fresh Acute	4.1	28 &	0	0.00	13	0	0.00	1	0	0.00	14	0	0.00			
		Drinking Water	100.	29	0	0.00	14	0	0.00	1	0	0.00	14	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	29	1	0.03	14	1	0.07	1	0	0.00	14	0	0.00			
		Drinking Water	5000.	29	0	0.00	14	0	0.00	1	0	0.00	14	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	30	0	0.00	15	0	0.00	1	0	0.00	14	0	0.00			

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/19/93	17	14.	14.071	14.5	13.	0.172	0.415	13.4	14.	14.5	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	05/26/83-10/19/93	10	769.	760.1	780.	669.	1048.1	32.374	678.5	764.75	773.	779.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/19/93	17	34.	46.353	114.	10.	992.118	31.498	14.	22.	63.5	112.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/19/93	17	310.	307.059	336.	228.	624.809	24.996	268.	302.	323.5	333.6
00300p	OXYGEN, DISSOLVED MG/L	04/03/73-10/19/93	17	8.4	8.518	10.1	7.5	0.495	0.704	7.66	8.	9.	9.78
00400p	PH (STANDARD UNITS)	04/03/73-10/19/93	17	7.5	7.524	7.8	7.2	0.024	0.156	7.28	7.4	7.65	7.72
00400p	CONVERTED PH (STANDARD UNITS)	04/03/73-10/19/93	17	7.5	7.497	7.8	7.2	0.025	0.159	7.28	7.4	7.65	7.72
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/73-10/19/93	17	0.032	0.032	0.063	0.016	0.	0.012	0.019	0.023	0.04	0.053
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-09/29/92	16	161.	159.938	172.	140.	63.529	7.971	147.	155.25	164.75	169.9
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	10	198.	194.9	210.	177.	99.211	9.96	177.3	187.5	200.	209.
00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/19/93	15 ##	0.005	0.031	0.25	0.005	0.004	0.065	0.005	0.005	0.02	0.16
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	16 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/19/93	16	0.133	0.21	0.5	0.05	0.021	0.145	0.057	0.1	0.3	0.472
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	16	0.6	0.581	0.7	0.46	0.003	0.056	0.495	0.55	0.6	0.665
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/19/93	16 ##	0.008	0.009	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.023
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	13 ##	0.5	1.308	10.	0.	7.106	2.666	0.	0.25	1.	6.8
01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	13	2.5	11.731	100.	0.5	725.692	26.939	0.5	1.25	9.	66.4
01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	14 ##	0.5	1.036	10.	0.	6.749	2.598	0.	0.	0.5	5.5
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	14	20.	48.571	410.	0.	11343.956	106.508	2.5	5.	32.5	250.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	15	7.	15.	42.	0.5	239.25	15.468	0.5	2.	26.	42.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	15	0.845	0.786	1.623	-0.301	0.5	0.707	-0.301	0.301	1.415	1.623
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.109								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	13	34.	49.308	230.	2.	3710.897	60.917	2.8	9.5	66.5	172.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	13	1.531	1.406	2.362	0.301	0.326	0.571	0.421	0.977	1.805	2.193
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			25.479								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/19/93	2	13.25	13.25	14.	12.5	1.125	1.061	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/26/83-10/19/93	1	771.	771.	771.	771.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/19/93	2	96.5	96.5	151.	42.	5940.5	77.075	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/19/93	2	239.5	239.5	305.	174.	8580.5	92.631	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/03/73-10/19/93	2	9.6	9.6	10.3	8.9	0.98	0.99	**	**	**	**
00400p	PH (STANDARD UNITS)	04/03/73-10/19/93	2	7.5	7.5	7.8	7.2	0.18	0.424	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/03/73-10/19/93	2	7.404	7.404	7.8	7.2	0.199	0.446	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/73-10/19/93	2	0.039	0.039	0.063	0.016	0.001	0.033	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-09/29/92	2	120.	120.	155.	85.	2450.	49.497	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/19/93	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/19/93	2 ##	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/19/93	2 ##	0.006	0.006	0.007	0.005	0.	0.001	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0080

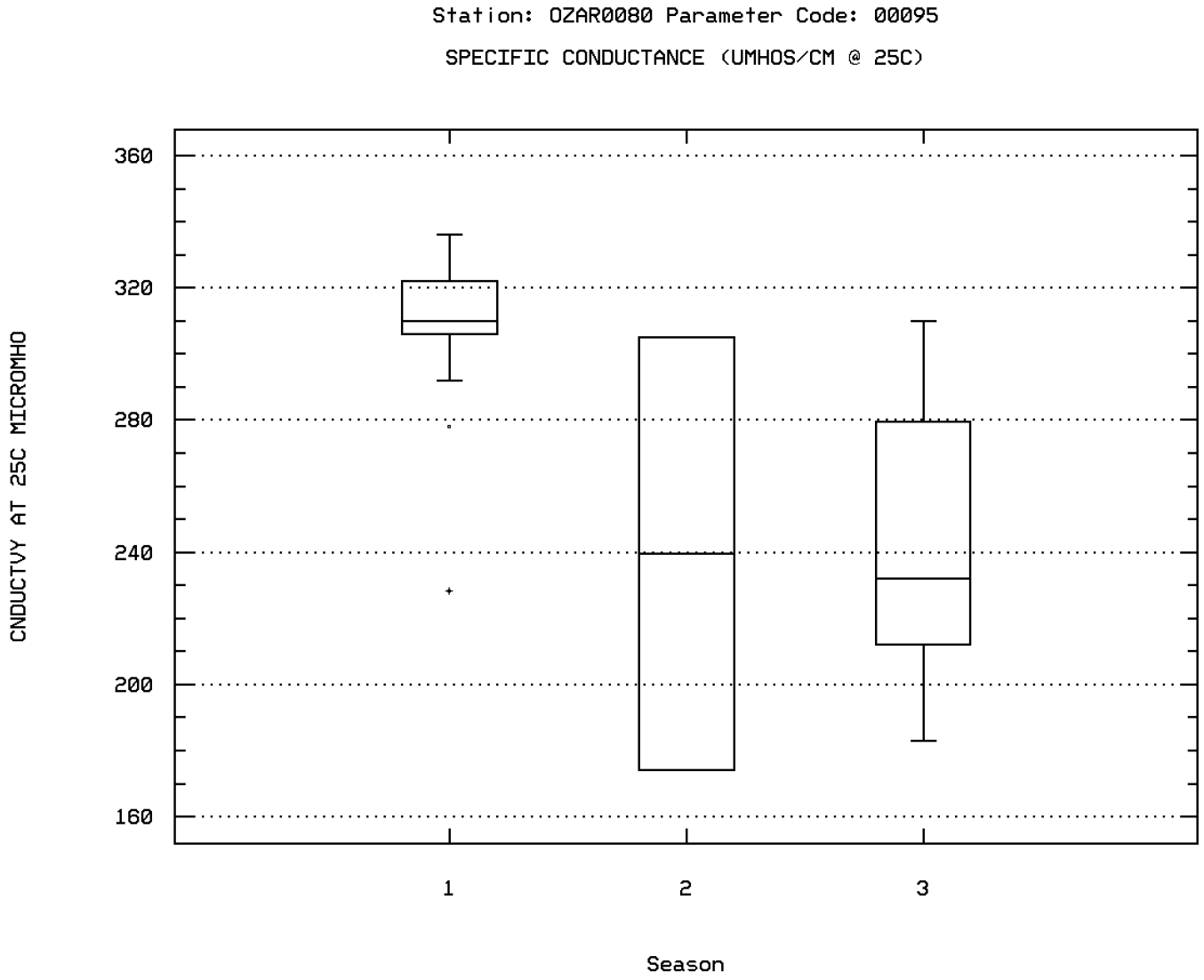
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.								

** - 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

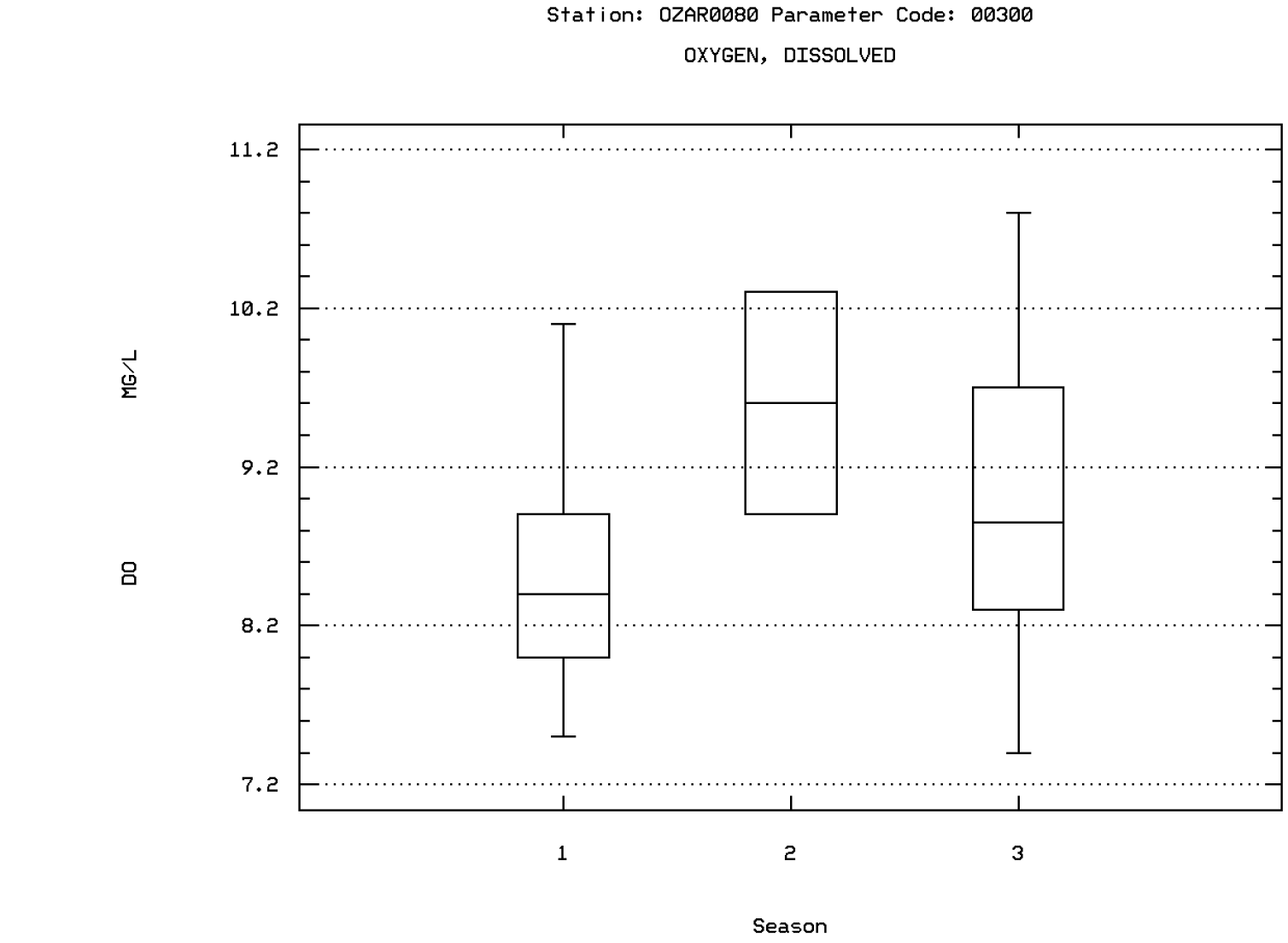
Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/73-10/19/93	16	13.5	13.438	14.	12.5	0.196	0.443	12.85	13.	13.875	14.
00025	BAROMETRIC PRESSURE (MM OF HG)	05/26/83-10/19/93	8	766.	766.625	772.	762.	12.839	3.583	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/03/73-10/19/93	16	107.5	109.313	164.	55.	1009.829	31.778	59.2	87.	138.75	156.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/73-10/19/93	16	232.	240.188	310.	183.	1549.896	39.369	184.4	211.	281.75	297.4
00300p	OXYGEN, DISSOLVED MG/L	04/03/73-10/19/93	16	8.85	8.975	10.8	7.4	1.034	1.017	7.54	8.25	9.7	10.45
00400p	PH (STANDARD UNITS)	04/03/73-10/19/93	16	7.4	7.431	7.9	7.2	0.04	0.199	7.2	7.3	7.575	7.76
00400p	CONVERTED PH (STANDARD UNITS)	04/03/73-10/19/93	16	7.4	7.393	7.9	7.2	0.041	0.203	7.2	7.3	7.575	7.76
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/73-10/19/93	16	0.04	0.04	0.063	0.013	0.	0.016	0.018	0.027	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/73-09/29/92	16	115.5	116.188	144.	89.	323.496	17.986	89.	103.	132.25	143.3
00440	BICARBONATE ION (MG/L AS HCO3)	04/03/73-05/23/89	10	156.5	151.1	176.	108.	467.211	21.615	110.2	133.	168.5	176.
00445	CARBONATE ION (MG/L AS CO3)	04/03/73-05/23/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/73-10/19/93	16 ##	0.01	0.014	0.06	0.	0.	0.015	0.004	0.005	0.02	0.039
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	16 ##	0.005	0.006	0.02	0.	0.	0.005	0.	0.005	0.009	0.013
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/73-10/19/93	16	0.175	0.269	1.	0.08	0.061	0.247	0.094	0.1	0.38	0.72
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	16	0.5	0.449	0.56	0.	0.017	0.13	0.266	0.433	0.5	0.553
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/73-10/19/93	16	0.015	0.017	0.05	0.005	0.	0.013	0.005	0.01	0.02	0.043
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	14 ##	0.5	1.429	11.	0.	8.11	2.848	0.	0.5	1.	7.
01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	14	3.	15.821	150.	0.5	1559.716	39.493	0.75	1.	6.75	91.5
01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	14 ##	0.5	0.429	1.	0.	0.11	0.331	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	14	10.	18.5	100.	5.	606.885	24.635	5.	5.	20.	65.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	14	22.	22.607	51.	0.5	278.853	16.699	1.25	9.25	36.25	49.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	14	1.341	1.144	1.708	-0.301	0.323	0.568	0.	0.961	1.559	1.694
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			13.947								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	14	39.	66.	350.	1.	8403.231	91.669	1.5	9.	90.	240.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	14	1.59	1.421	2.544	0.	0.508	0.713	0.151	0.945	1.947	2.329
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			26.345								

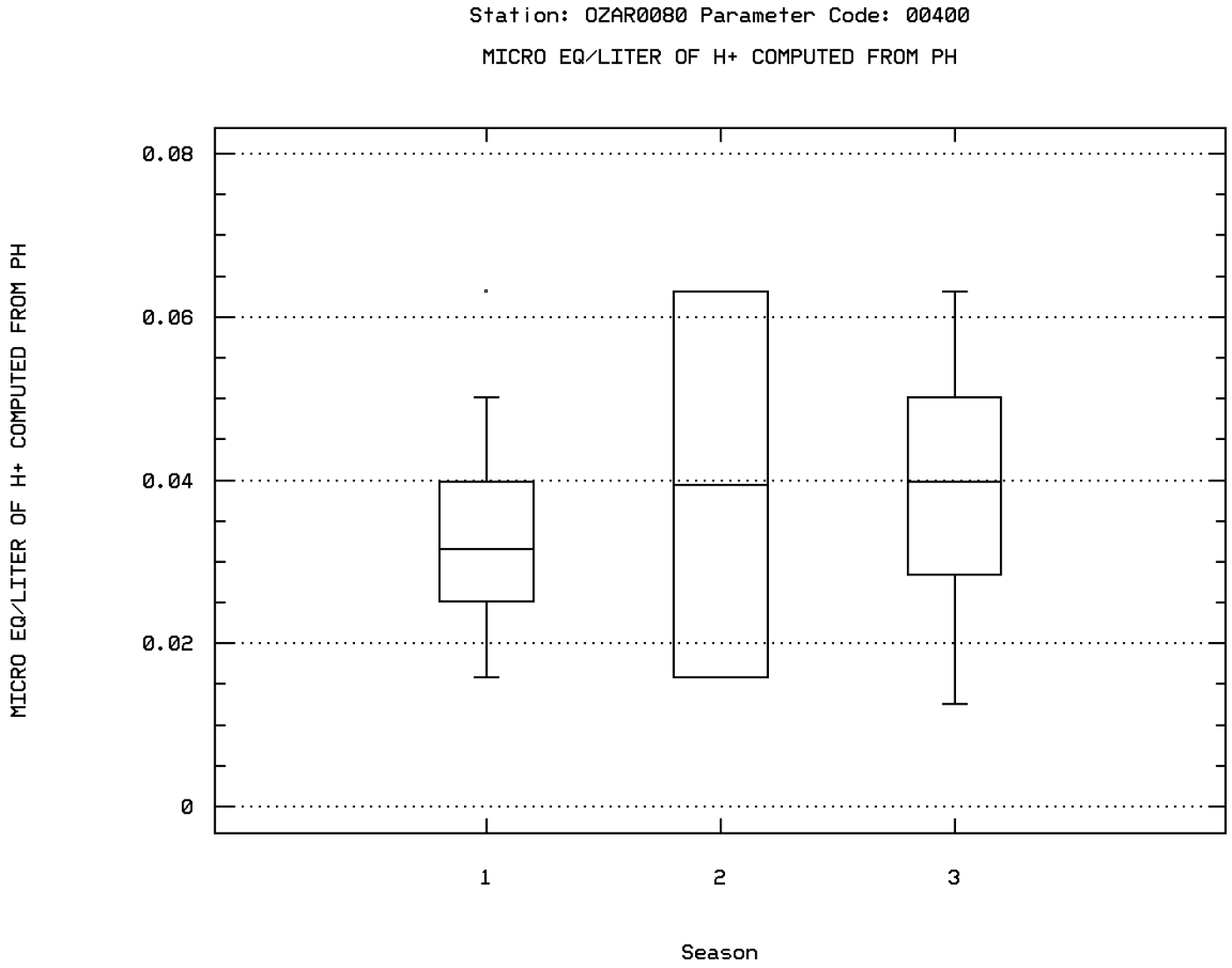
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



PULLTITE SPRING NEAR ROUND SPRING, MO



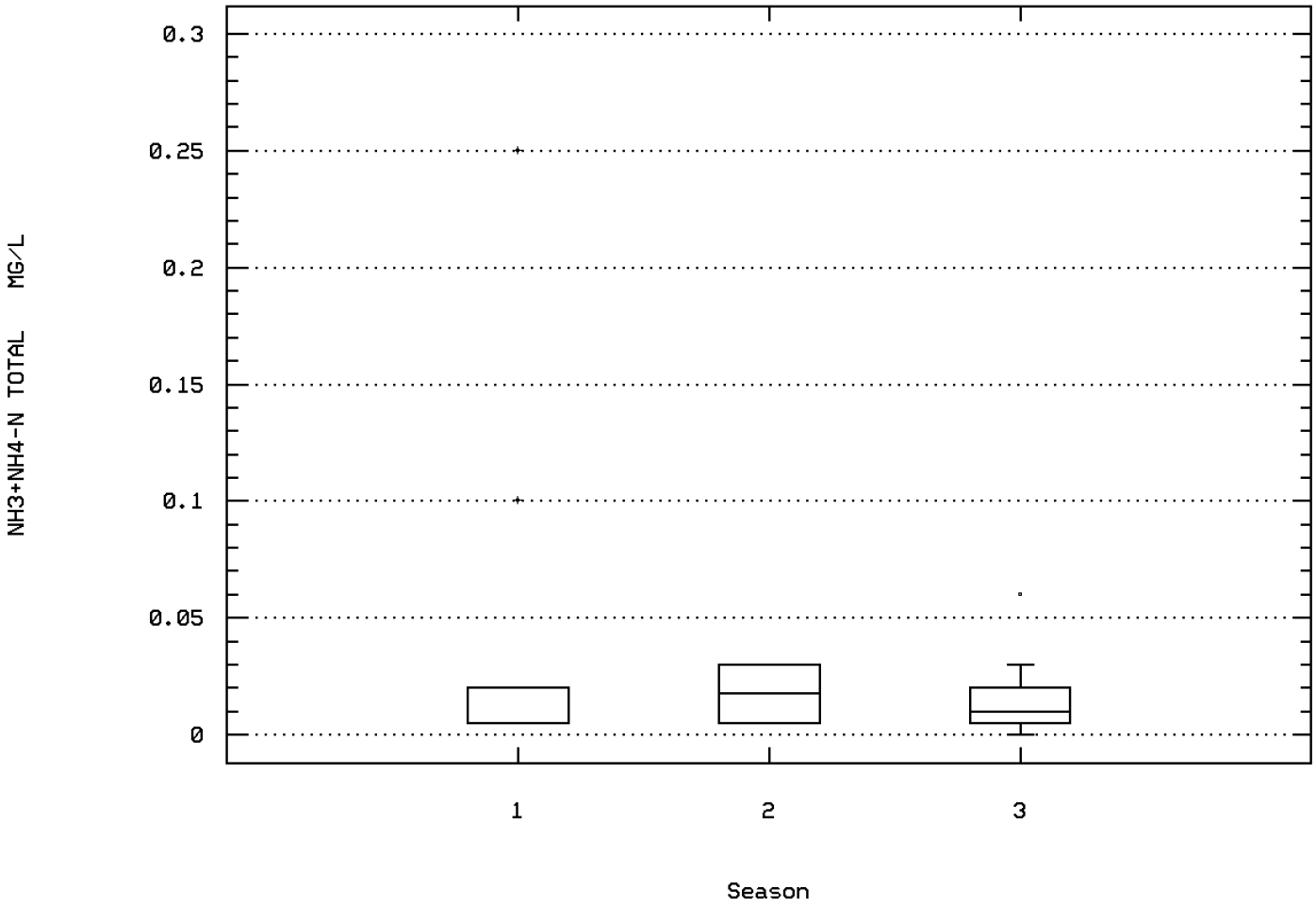
PULLTITE SPRING NEAR ROUND SPRING, MO



PULLTITE SPRING NEAR ROUND SPRING, MO

Station: OZAR0080 Parameter Code: 00610

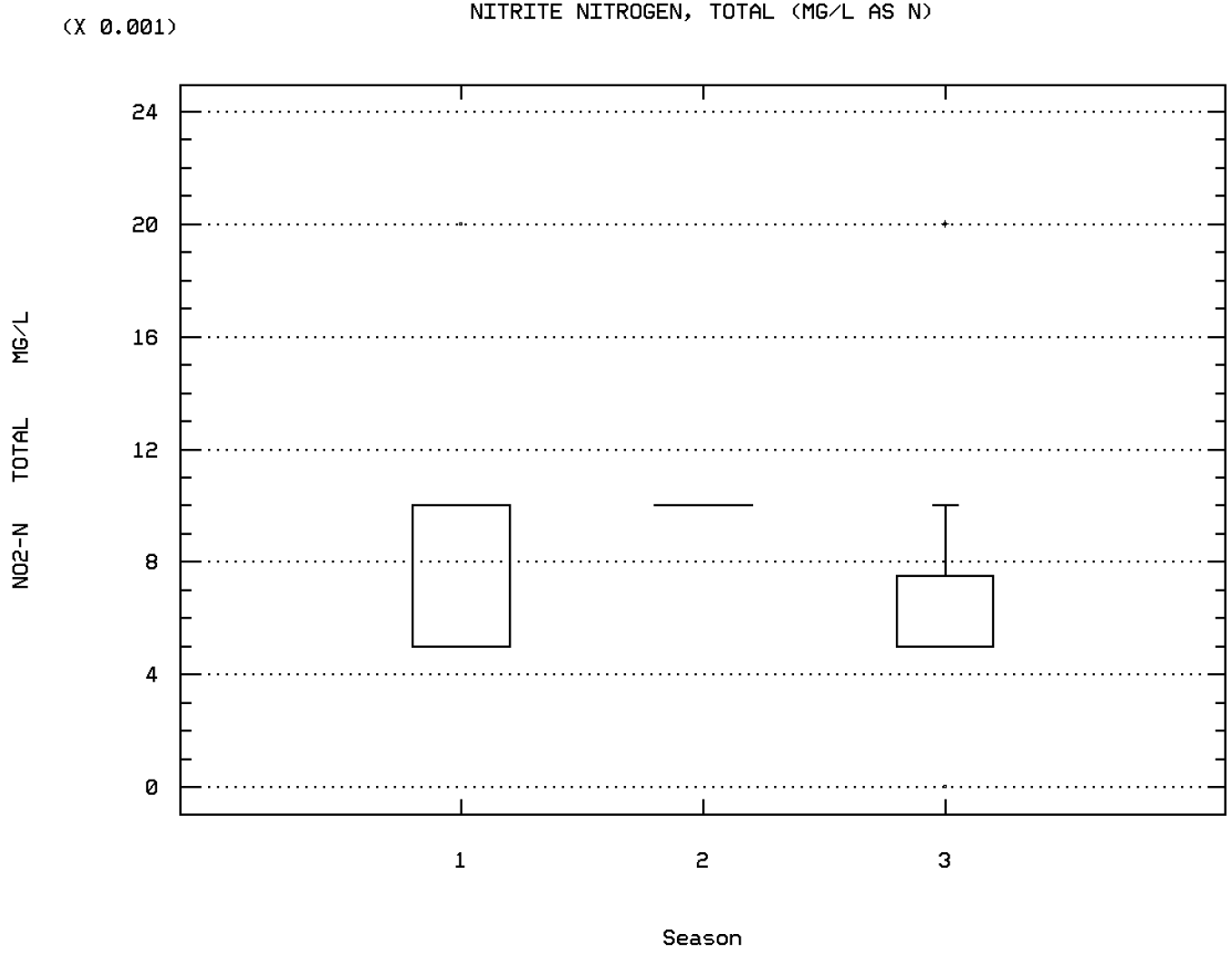
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



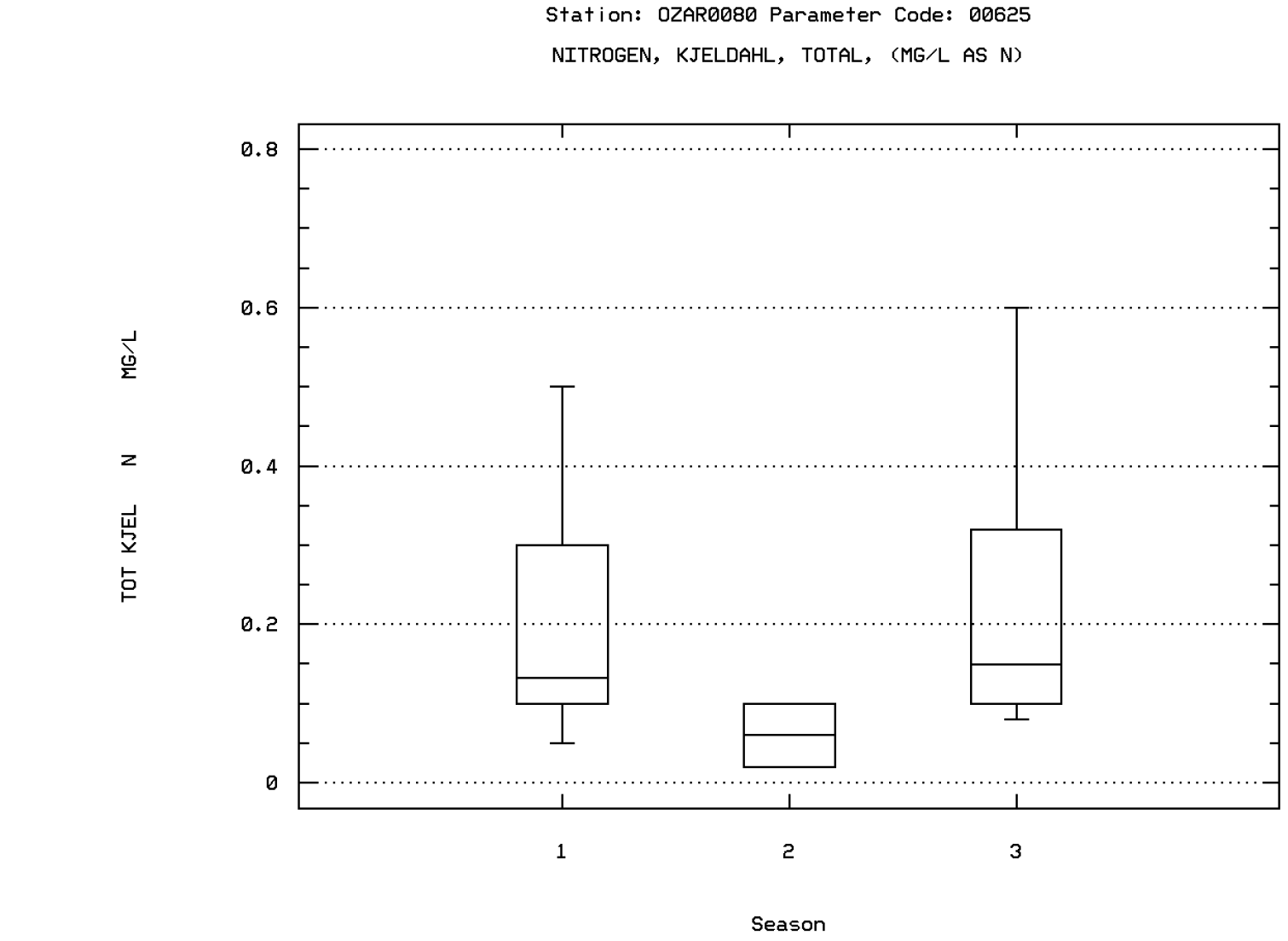
PULLTITE SPRING NEAR ROUND SPRING, MO

Station: OZAR0080 Parameter Code: 00615

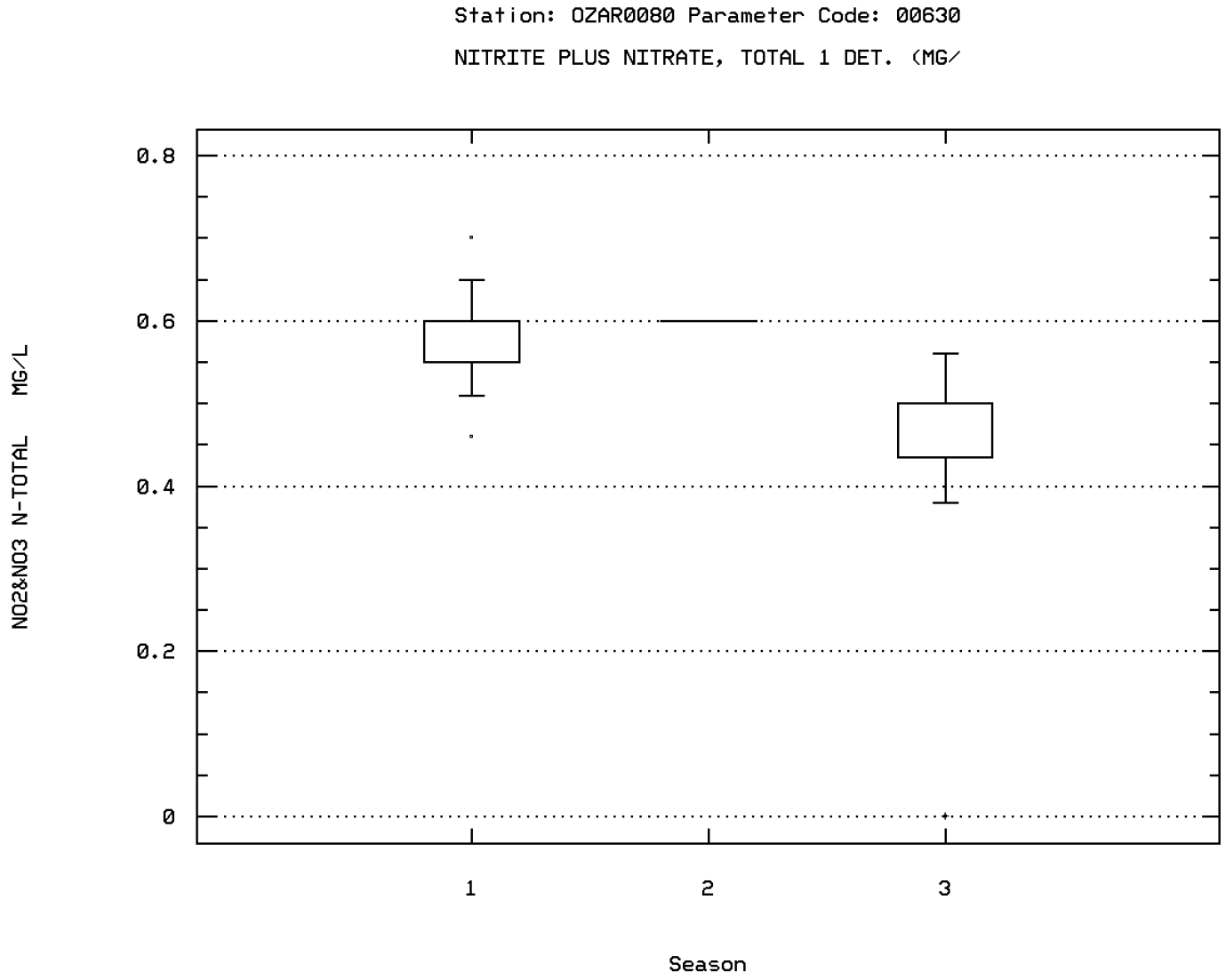
NITRITE NITROGEN, TOTAL (MG/L AS N)



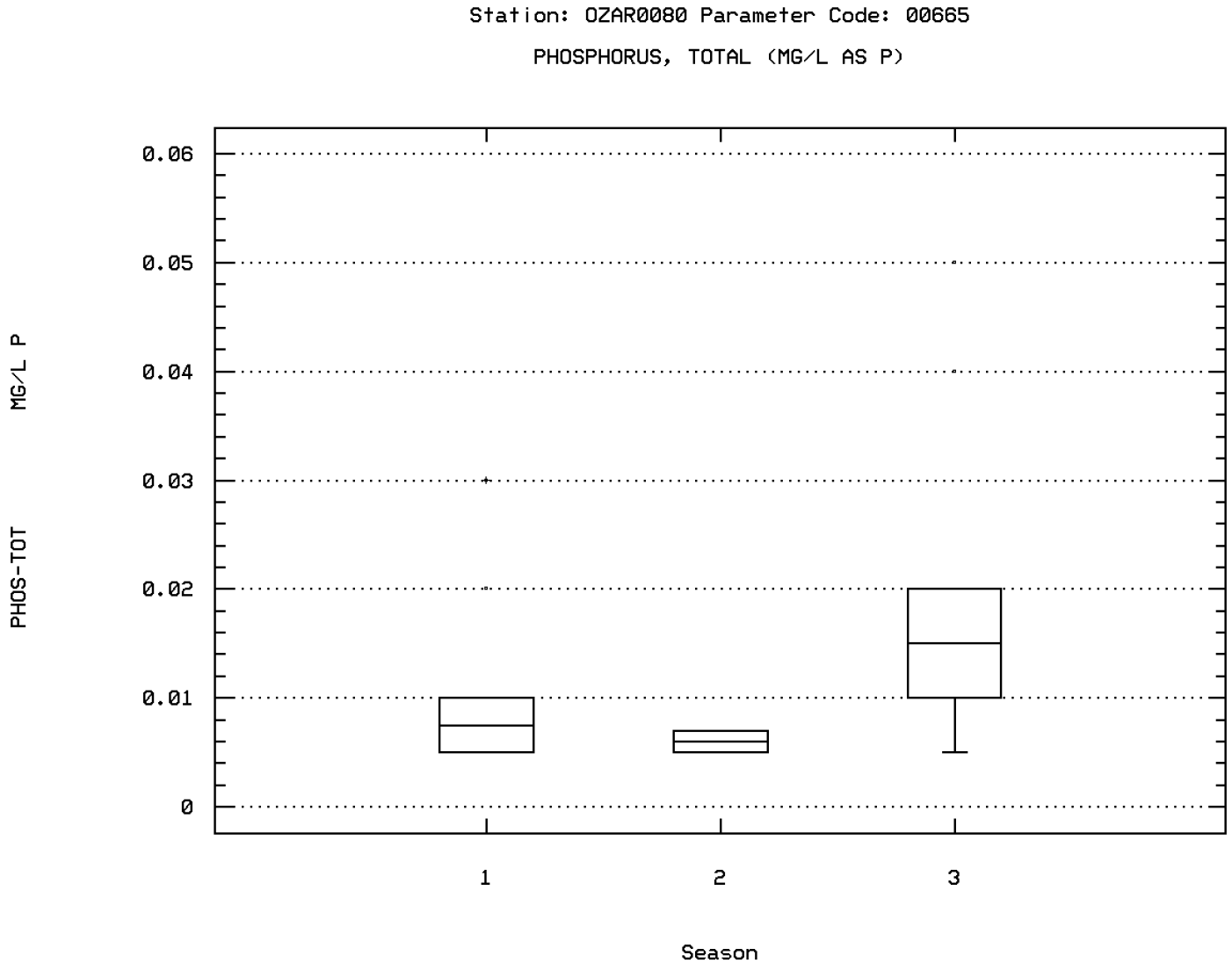
PULLTITE SPRING NEAR ROUND SPRING, MO



PULLTITE SPRING NEAR ROUND SPRING, MO



PULLTITE SPRING NEAR ROUND SPRING, MO



PULLTITE SPRING NEAR ROUND SPRING, MO

Station Inventory for Station: OZAR0081

NPS Station ID: OZAR0081 LAT/LON: 37.121948/ -91.503448 Agency: 21MO0001 Date Created: 10/06/84
Location: T28N,R5W,SEC.4,SW1/4,HYW106 S. ABOVE ALLEY SPRI FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008044A
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: JACK'S FORK RIVER ECO Region:
RF1 Index: 11010008044 RF1 Mile Point: 9.290 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 11010008006100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:
COUNTY: SHANNON ESTABLISHED FOR: JACK'S FORK WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-10/16/73	1	64.4	64.4	64.4	64.4	0.	0.	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/16/73-10/16/73	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/16/73	1	242.	242.	242.	242.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	1	323.	323.	323.	323.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/16/73	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/73-10/16/73	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/73-10/16/73	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/73-10/16/73	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/16/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/16/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	1.114	1.114	1.114	1.114	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	97.	97.	97.	97.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	1.987	1.987	1.987	1.987	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			97.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	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: OZAR0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0082

NPS Station ID: OZAR0082 | LAT/LON: 37.120865/ -91.504393 | Agency: 11NPSWRD | Date Created: 06/24/95
Location: JACKS FORK - BAY CREEK | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): JFBC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON JACKS FORK RIVER AT THE MOUTH OF BAY CREEK.

Parameter Inventory for Station: OZAR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00600	NITROGEN, TOTAL (MG/L AS N)	07/14/92-07/14/92	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/92-07/14/92	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/92-07/14/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/92-07/14/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/14/92-07/14/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/14/92-07/14/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/14/92-07/14/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0082

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-4/20----------			----------4/21-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OZAR0083

NPS Station ID: OZAR0083 | LAT/LON: 37.118615/ -91.506392 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: BAY CREEK | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): BYCR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. AKERMAN OF THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION IN FORT COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/92-07/14/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/92-07/14/92	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/92-07/14/92	1	107.	107.	107.	107.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/92-07/14/92	1	2.029	2.029	2.029	2.029	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			107.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/14/92-07/14/92	1	25.	25.	25.	25.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/14/92-07/14/92	1	1.398	1.398	1.398	1.398	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			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: OZAR0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OZAR0084

NPS Station ID: OZAR0084 | LAT/LON: 37.376392/ -91.545837 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: AKERS - BELOW CAMP | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): AKEB
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED JUST INSIDE OF AKERS CAMPGROUND. THE SAMPLE IS TAKEN FROM A SIDE BRANCH OF THE MAIN RIVER. A SMALL TRAIL GOES DOWN TO THE

Parameter Inventory for Station: OZAR0084

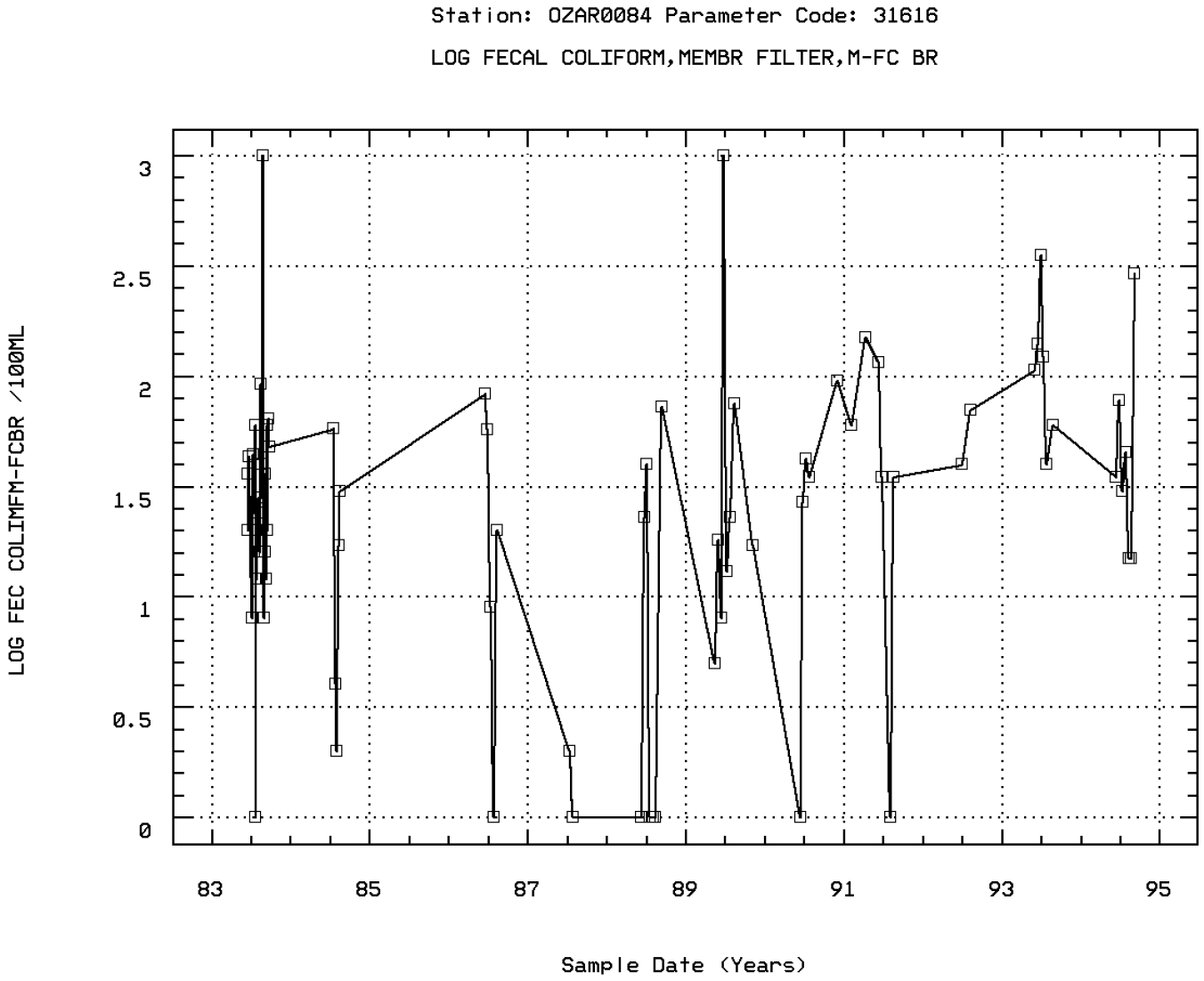
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	87	17.	16.93	29.	10.2	4.421	2.103	15.	16.	17.8	18.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-08/24/93	39	24.	23.185	31.	4.	31.609	5.622	14.	22.7	27.	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	51	300.	289.882	390.	200.	1190.026	34.497	237.	266.	310.	325.
00300	OXYGEN, DISSOLVED MG/L	06/14/94-08/23/94	4	9.95	9.8	10.2	9.1	0.247	0.497	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	34	7.8	7.722	8.2	7.1	0.073	0.27	7.295	7.5	7.903	8.05
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	34	7.8	7.633	8.2	7.1	0.081	0.285	7.295	7.5	7.902	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	34	0.016	0.023	0.079	0.006	0.	0.017	0.009	0.013	0.032	0.051
00406	PH, FIELD, STANDARD UNITS SU	06/08/88-08/24/93	13	7.8	7.758	8.05	7.32	0.04	0.2	7.376	7.66	7.91	8.006
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/88-08/24/93	13	7.8	7.71	8.05	7.32	0.043	0.206	7.376	7.66	7.91	8.006
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/88-08/24/93	13	0.016	0.019	0.048	0.009	0.	0.011	0.01	0.012	0.022	0.043
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	44	151.5	148.773	179.	82.	438.226	20.934	123.5	140.5	163.25	172.
00600	NITROGEN, TOTAL (MG/L AS N)	05/16/89-09/06/94	33	0.67	0.665	0.8	0.54	0.005	0.072	0.554	0.61	0.7	0.778
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/86-07/28/86	3	0.48	0.43	0.64	0.17	0.057	0.239	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/88-09/06/94	36	0.012	0.013	0.029	0.008	0.	0.004	0.01	0.01	0.014	0.019
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	82	28.	66.171	1000.	0.	25129.008	158.521	0.	11.5	60.	112.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	82	1.447	1.353	3.	0.	0.45	0.671	0.	1.059	1.778	2.051
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.541								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	72	94.5	174.111	2175.	5.	87889.649	296.462	20.	48.5	174.5	367.5
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	72	1.973	1.937	3.337	0.699	0.275	0.524	1.301	1.686	2.242	2.563
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			86.472								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/16/89-09/06/94	29	1.8	1.934	4.	1.	0.54	0.735	1.1	1.4	2.3	3.1

** - 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: OZAR0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	34	0	0.00	9	0	0.00	3	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	34	0	0.00	9	0	0.00	3	0	0.00	22	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	13	0	0.00	4	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	4	0	0.00				9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00							3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	82	4	0.05	33	2	0.06	4	0	0.00	45	2	0.04			

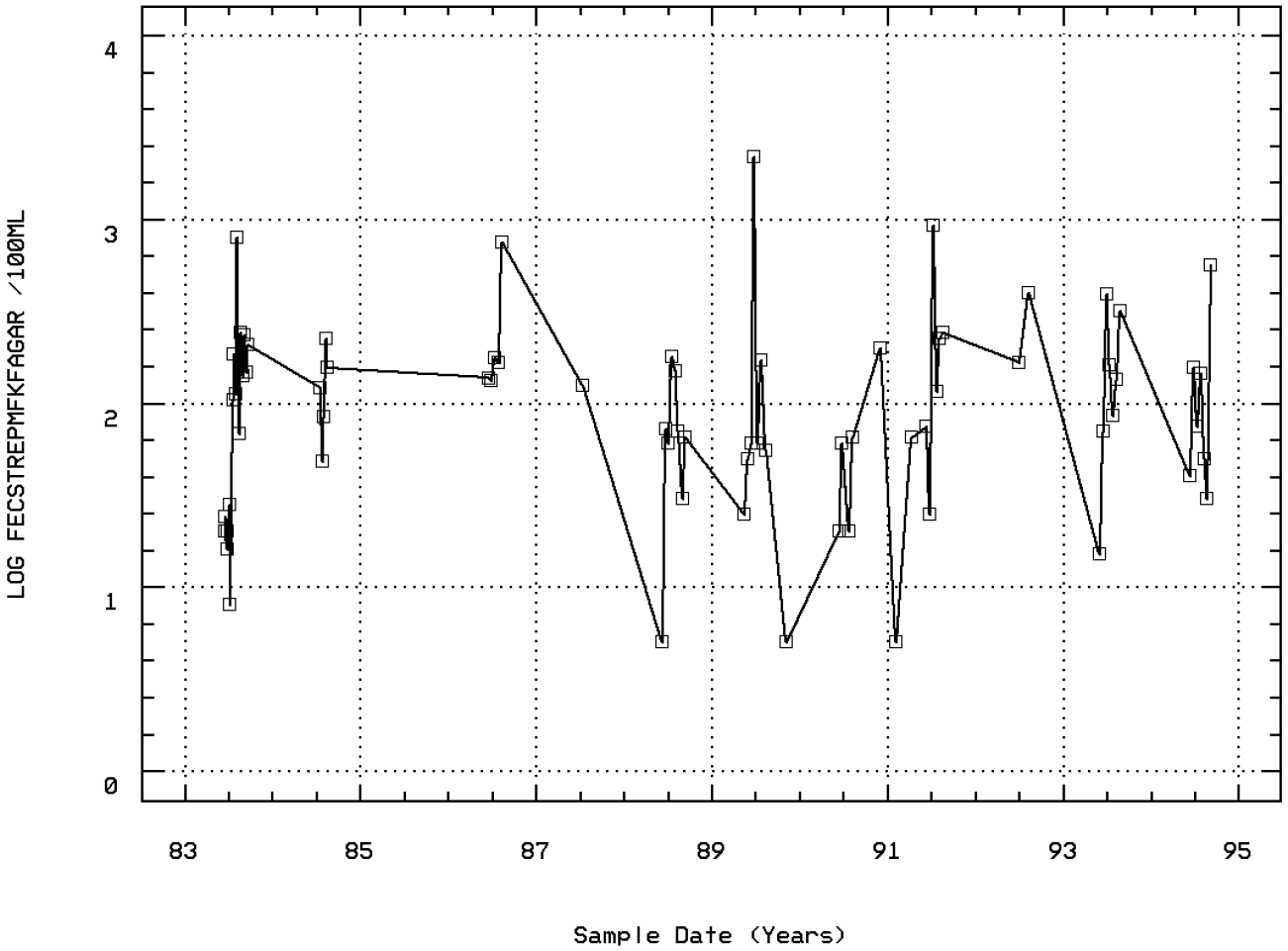
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



AKERS - BELOW CAMP

Station: OZAR0084 Parameter Code: 31673

LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



AKERS - BELOW CAMP

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	33	17.	17.206	29.	13.2	5.791	2.406	15.48	16.	17.8	18.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-08/24/93	10	23.65	24.1	29.9	20.1	6.567	2.563	20.36	22.925	25.25	29.51
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	15	310.	305.2	330.	245.	552.457	23.504	254.	300.	320.	327.
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	9	7.9	7.789	8.1	7.29	0.087	0.295	7.29	7.53	7.98	8.1
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	9	7.9	7.685	8.1	7.29	0.099	0.315	7.29	7.53	7.98	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	9	0.013	0.021	0.051	0.008	0.	0.017	0.008	0.01	0.034	0.051
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	11	161.	152.727	173.	82.	743.418	27.266	90.	153.	168.	172.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	33	28.	67.788	999.	0.	30581.672	174.876	0.8	13.5	60.	85.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	33	1.447	1.356	3.	0.	0.413	0.642	0.12	1.128	1.778	1.928
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.704								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	26	149.	213.769	800.	30.	42264.985	205.584	44.	67.25	240.	617.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	26	2.173	2.164	2.903	1.477	0.152	0.39	1.632	1.828	2.38	2.787
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			145.935								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	4	11.7	11.975	14.3	10.2	3.069	1.752	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-08/24/93	4	10.4	9.7	14.	4.	24.58	4.958	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	4	282.	288.5	340.	250.	1729.	41.581	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	3	7.5	7.593	7.83	7.45	0.043	0.206	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	3	7.5	7.564	7.83	7.45	0.044	0.21	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	3	0.032	0.027	0.035	0.015	0.	0.011	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	4	154.5	153.	174.	129.	500.667	22.376	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	77.5	80.5	150.	17.	3164.333	56.252	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	4	1.878	1.791	2.176	1.23	0.166	0.407	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			61.745								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	35.	68.75	200.	5.	8456.25	91.958	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	4	1.256	1.378	2.301	0.699	0.654	0.809	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			23.877								

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Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/06/94	50	17.	17.144	20.	14.	1.687	1.299	15.	16.35	18.	18.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/14/87-08/24/93	25	24.8	24.976	31.	16.	10.515	3.243	20.8	23.5	27.25	28.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/86-09/06/94	32	292.5	282.875	390.	200.	1338.113	36.58	226.5	261.5	300.	311.4
00400	PH (STANDARD UNITS)	06/16/86-09/06/94	22	7.765	7.712	8.2	7.1	0.073	0.271	7.257	7.598	7.9	8.064
00400	CONVERTED PH (STANDARD UNITS)	06/16/86-09/06/94	22	7.764	7.624	8.2	7.1	0.081	0.285	7.257	7.597	7.9	8.064
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/86-09/06/94	22	0.017	0.024	0.079	0.006	0.	0.018	0.009	0.013	0.025	0.056
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/86-09/06/94	29	148.	146.69	179.	82.	340.65	18.457	124.	141.	156.	171.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	45	30.	63.711	1000.	0.	23776.437	154.196	0.	8.5	51.	117.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/06/94	45	1.477	1.312	3.	0.	0.498	0.706	0.	0.929	1.705	2.071
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.501								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	42	73.5	159.595	2175.	5.	123512.832	351.444	17.2	25.	156.25	182.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-09/06/94	42	1.866	1.849	3.337	0.699	0.264	0.514	1.233	1.398	2.194	2.262
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			70.698								

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Station Inventory for Station: OZAR0085

NPS Station ID: OZAR0085
LAT/LON: 37.376392/ -91.547503
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER BELOW AKERS, MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07064535
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008016400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/73-09/19/94	6	15.3	15.667	18.	13.	3.991	1.998	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/94-09/19/94	2	23.25	23.25	25.	21.5	6.125	2.475	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/27/94-09/19/94	2	770.5	770.5	771.	770.	0.5	0.707	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	1	545.	545.	545.	545.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/73-10/15/73	4	492.5	601.25	1000.	420.	73672.917	271.428	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/02/73-07/30/73	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/73-09/19/94	6	284.	281.167	326.	207.	2024.167	44.991	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/02/73-09/19/94	6	10.55	10.883	12.6	10.	0.962	0.981	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/02/73-10/15/73	4	104.5	103.75	112.	94.	58.917	7.676	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/02/73-07/30/73	3	5.	3.667	6.	0.	10.333	3.215	**	**	**	**
00400	PH (STANDARD UNITS)	04/02/73-09/19/94	6	7.7	7.783	8.17	7.6	0.041	0.203	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/02/73-09/19/94	6	7.7	7.751	8.17	7.6	0.043	0.206	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/02/73-09/19/94	6	0.02	0.018	0.025	0.007	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/27/94-09/19/94	2	7.75	7.75	7.9	7.6	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/94-09/19/94	2	7.725	7.725	7.9	7.6	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/94-09/19/94	2	0.019	0.019	0.025	0.013	0.	0.009	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/02/73-10/15/73	4	6.05	5.7	6.7	4.	1.46	1.208	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/02/73-10/15/73	4	142.	137.5	164.	102.	691.667	26.3	**	**	**	**
00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	05/27/94-09/19/94	2	149.	149.	167.	131.	648.	25.456	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/02/73-10/15/73	4	173.	167.5	200.	124.	1035.667	32.182	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/02/73-10/15/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	05/27/94-09/19/94	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	05/27/94-09/19/94	2	184.	184.	207.	161.	1058.	32.527	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	3	0.74	0.683	0.79	0.52	0.021	0.144	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/02/73-10/15/73	4	0.02	0.043	0.13	0.	0.004	0.061	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/27/94-09/19/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/02/73-10/15/73	4 ##	0.018	0.025	0.06	0.005	0.001	0.026	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/27/94-09/19/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/02/73-10/15/73	4	0.61	0.592	0.63	0.52	0.003	0.052	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/27/94-09/19/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/02/73-09/19/94	6 ##	0.1	0.093	0.16	0.05	0.002	0.041	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/15/73	3	0.63	0.597	0.64	0.52	0.004	0.067	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/27/94-09/19/94	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/02/73-09/19/94	6	0.01	0.018	0.04	0.002	0.	0.017	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/02/73-09/19/94	6 ##	0.005	0.013	0.04	0.005	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/27/94-09/19/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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Parameter Inventory for Station: OZAR0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/27/94-09/19/94	2	0.6	0.6	0.8	0.4	0.08	0.283	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/19/94-09/19/94	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/02/73-07/30/73	2	125.	125.	150.	100.	1250.	35.355	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/02/73-07/30/73	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/02/73-09/19/94	4	30.	29.	34.	22.	28.	5.292	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/02/73-09/19/94	4	17.	16.25	19.	12.	9.583	3.096	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/02/73-09/19/94	4	1.6	1.575	1.9	1.2	0.109	0.33	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/02/73-07/30/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/02/73-07/30/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/02/73-09/19/94	4	0.95	0.95	1.1	0.8	0.017	0.129	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/02/73-09/19/94	4	2.5	2.5	3.	2.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/02/73-09/19/94	4	4.	4.	5.	3.	0.667	0.816	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/02/73-09/19/94	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/02/73-09/19/94	4	7.65	7.425	7.9	6.5	0.409	0.64	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/02/73-09/19/94	4	7.5	27.25	90.	4.	1756.917	41.916	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/02/73-09/19/94	4 ##	4.5	4.25	5.	3.	0.917	0.957	**	**	**	**
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	05/27/94-05/27/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/02/73-04/02/73	1	530.	530.	530.	530.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/02/73-04/02/73	1	2.724	2.724	2.724	2.724	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			530.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/73-10/15/73	4	34.	46.25	100.	17.	1358.917	36.863	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/73-10/15/73	4	1.528	1.572	2.	1.23	0.103	0.321	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.311								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/27/94-09/19/94	2	9.	9.	14.	4.	50.	7.071	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/27/94-09/19/94	2	0.874	0.874	1.146	0.602	0.148	0.385	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			7.483								
31633	E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100ML	05/27/94-09/19/94	2	9.5	9.5	15.	4.	60.5	7.778	**	**	**	**
31633	LOG E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100	05/27/94-09/19/94	2	0.889	0.889	1.176	0.602	0.165	0.406	**	**	**	**
31633	GM E.COLI,THERMOTOL,MF,M-TEC,IN SITU UREASE #/100M	GEOMETRIC MEAN =			7.746								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/27/94-09/19/94	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/27/94-09/19/94	2	1.078	1.078	1.114	1.041	0.003	0.051	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			11.958								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/02/73-10/15/73	4	122.5	136.75	280.	22.	16468.917	128.331	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/02/73-10/15/73	4	1.933	1.914	2.447	1.342	0.305	0.552	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			82.029								
34253	A-BHC-ALPHA DISSUG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/02/73-07/30/73	2	0.035	0.035	0.07	0.	0.002	0.049	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38478	LINURON WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38482	MCPA WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38487	MCPB WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38501	METHIOCARB WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38538	PROPOXUR WATER,DISSUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38711	BENTAZON WATER, DISUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38746	2,4-DB WATER, DISUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38811	FLUOMETURON WATER, DISUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38866	OXAMYL WATER, DISUG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	05/27/94-09/19/94	2	151.	151.	170.	132.	722.	26.87	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	05/27/94-05/27/94	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OZAR0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39632	ATRAZINE DISSOLVED IN WATER PPB	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
49235	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49236	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49291	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49292	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49293	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49294	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49295	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49296	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49297	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49298	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49299	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49300	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49301	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49302	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49303	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49304	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49305	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49306	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49307	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49308	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49309	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49310	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49311	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49312	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49313	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49314	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49315	INVALID PARAMETER	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/02/73-09/19/94	4	156.	150.75	173.	118.	690.917	26.285	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/02/73-07/30/73	2	135.5	135.5	156.	115.	840.5	28.991	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/02/73-07/30/73	2	256.5	256.5	319.	194.	7812.5	88.388	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/02/73-07/30/73	2	0.195	0.195	0.23	0.16	0.002	0.049	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/27/94-09/19/94	2	33.	33.	33.	33.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-10/15/73	3	3.3	3.033	3.5	2.3	0.413	0.643	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/27/94-09/19/94	2	2.5	2.5	4.	1.	4.5	2.121	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	05/27/94-05/27/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	05/27/94-05/27/94	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OZAR0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/27/94-05/27/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
38866	OXAMYL, DISSOLVED	Drinking Water	200.	1	0	0.00							1	0	0.00			
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00							1	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00							1	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	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			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	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: OZAR0086

NPS Station ID: OZAR0086 | LAT/LON: 37.066031/ -91.553142 | Agency: 11NPSWRD | Date Created: 06/24/95
Location: BUNKER HILL - ABOVE LAGOON | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): BHAL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FORK RIVER ABOVE THE LAGOON AT THE DEVELOPMENT AT THE END OF ROAD O.

Parameter Inventory for Station: OZAR0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/93-08/03/93	2	24.25	24.25	24.5	24.	0.125	0.354	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/93-08/03/93	2	24.5	24.5	27.	22.	12.5	3.536	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/93-08/03/93	2	325.	325.	340.	310.	450.	21.213	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/22/93-08/03/93	2	7.975	7.975	8.04	7.91	0.008	0.092	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/22/93-08/03/93	2	7.97	7.97	8.04	7.91	0.008	0.092	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/93-08/03/93	2	0.011	0.011	0.012	0.009	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/93-08/03/93	2	178.5	178.5	186.	171.	112.5	10.607	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/22/93-08/03/93	2	53.5	53.5	60.	47.	84.5	9.192	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/22/93-08/03/93	2	1.725	1.725	1.778	1.672	0.006	0.075	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			53.104								

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

EPA Water Quality Criteria Analysis for Station: OZAR0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Other-Hi Lim.	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			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: OZAR0087

NPS Station ID: OZAR0087 | LAT/LON: 37.067531/ -91.553337 | Agency: 11NPSWRD | Date Created: 06/24/95
Location: BUNKER HILL - BELOW LAGOON | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): BHBL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FORK RIVER BELOW THE LAGOON AT THE DEVELOPMENT AT THE END OF ROAD O.

Parameter Inventory for Station: OZAR0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/93-08/03/93	2	24.	24.	24.	24.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/93-08/03/93	2	24.	24.	26.	22.	8.	2.828	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/93-08/03/93	2	330.	330.	340.	320.	200.	14.142	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/22/93-08/03/93	2	7.905	7.905	7.99	7.82	0.014	0.12	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/22/93-08/03/93	2	7.897	7.897	7.99	7.82	0.015	0.121	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/93-08/03/93	2	0.013	0.013	0.015	0.01	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/93-08/03/93	2	178.5	178.5	186.	171.	112.5	10.607	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/22/93-08/03/93	2	40.	40.	43.	37.	18.	4.243	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/22/93-08/03/93	2	1.601	1.601	1.633	1.568	0.002	0.046	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.887								

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

EPA Water Quality Criteria Analysis for Station: OZAR0087

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Other-Hi Lim.	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			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: OZAR0088

NPS Station ID: OZAR0088 | LAT/LON: 37.375005/ -91.553615 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: AKERS - UPPER ACCESS | FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): AKEU
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED AT THE CANOE ACCESS BEHIND AKERS FERRY CANOE RENTAL ON THE CURRENT RIVER.

Parameter Inventory for Station: OZAR0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-08/03/88	42	17.8	17.407	19.4	13.3	1.384	1.176	16.	16.925	17.85	18.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/87-08/03/88	6	25.	25.	28.	22.	5.2	2.28	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-08/03/88	10	217.5	237.	330.	185.	2534.444	50.343	186.5	207.5	261.25	329.5
00300	OXYGEN, DISSOLVED MG/L	07/02/83-09/04/83	5	10.6	11.38	15.8	9.8	6.222	2.494	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-08/03/88	14	8.	7.861	8.6	6.6	0.261	0.511	7.	7.475	8.212	8.5
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-08/03/88	14	8.	7.492	8.6	6.6	0.408	0.638	7.	7.475	8.212	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-08/03/88	14	0.01	0.032	0.251	0.003	0.004	0.064	0.003	0.006	0.034	0.145
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-08/03/88	10	170.	160.1	205.	82.	1003.878	31.684	88.8	150.	172.5	202.2
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	5	0.39	0.398	0.47	0.35	0.002	0.049	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	5	0.39	0.396	0.47	0.35	0.003	0.051	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/10/87	36	16.	30.333	205.	0.	2163.486	46.513	0.	5.	31.	88.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/10/87	36	1.204	1.127	2.312	0.	0.354	0.595	0.	0.677	1.491	1.944
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.405								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-08/03/88	21	44.	61.762	150.	4.	2193.79	46.838	10.4	26.	104.	139.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-08/03/88	21	1.643	1.639	2.176	0.602	0.173	0.415	0.983	1.414	2.012	2.144
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			43.555								

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

EPA Water Quality Criteria Analysis for Station: OZAR0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	14	0	0.00	6	0	0.00				8	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	6	0	0.00				8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	3	0	0.00				2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	36	1	0.03	18	0	0.00				18	1	0.06			

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

Station Inventory for Station: OZAR0089

NPS Station ID: OZAR0089
LAT/LON: 37.375005/ -91.553615
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER ABOVE AKERS, MO.
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07064533
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008034
RF1 Mile Point: 14.150
Distance from RF1: 1.60
On/Off RF1: ON
RF3 Index: 11010008002600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/73-10/15/73	3	18.	17.167	18.	15.5	2.083	1.443	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/73-10/15/73	3	435.	463.333	540.	415.	4508.333	67.144	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/73-10/15/73	3	304.	300.333	324.	273.	660.333	25.697	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/18/73-10/15/73	3	10.	10.267	10.8	10.	0.213	0.462	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/18/73-10/15/73	3	104.	105.333	112.	100.	37.333	6.11	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/18/73-06/18/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/18/73-10/15/73	3	7.6	7.5	7.7	7.2	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/18/73-10/15/73	3	7.6	7.443	7.7	7.2	0.075	0.274	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/73-10/15/73	3	0.025	0.036	0.063	0.02	0.001	0.024	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/18/73-10/15/73	3	6.8	10.433	18.	6.5	42.963	6.555	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/18/73-10/15/73	3	146.	150.	166.	138.	208.	14.422	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/18/73-10/15/73	3	178.	182.667	202.	168.	305.333	17.474	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/18/73-10/15/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	3	0.77	0.817	1.1	0.58	0.069	0.263	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/18/73-10/15/73	3	0.09	0.183	0.41	0.05	0.039	0.197	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/73-10/15/73	3	0.02	0.018	0.03	0.005	0.	0.013	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/15/73	3	0.63	0.603	0.65	0.53	0.004	0.064	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/73-10/15/73	3	0.12	0.2	0.43	0.05	0.041	0.202	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/15/73	3	0.64	0.607	0.65	0.53	0.004	0.067	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/73-10/15/73	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/18/73-10/15/73	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/73-10/15/73	1	166.	166.	166.	166.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/73-10/15/73	3	58.	58.	98.	18.	1600.	40.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/73-10/15/73	3	1.763	1.67	1.991	1.255	0.142	0.377	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			46.771								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/18/73-10/15/73	3	240.	196.667	310.	40.	19633.333	140.119	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/18/73-10/15/73	3	2.38	2.158	2.491	1.602	0.235	0.485	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			143.839								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-10/15/73	3	3.4	3.567	4.7	2.6	1.123	1.06	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	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									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OZAR0090

NPS Station ID: OZAR0090
LAT/LON: 37.393892/ -91.573616
Agency: 112WRD
Date Created: / /
Location: WELCH SPRING NEAR AKERS MO
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 07064530
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008036
RF1 Mile Point: 2.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008003100.00
RF3 Mile Point: 0.10
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/73-10/19/93	35	13.5	13.766	14.5	13.	0.232	0.481	13.	13.5	14.	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/19/93	19	767.	767.526	780.	760.	26.708	5.168	761.	764.	772.	774.
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-05/05/77	2	207.	207.	284.	130.	11858.	108.894	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/73-10/19/93	35	172.	203.229	500.	65.	11108.299	105.396	94.2	115.	272.	368.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/02/73-07/30/73	2	7.	7.	9.	5.	8.	2.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/73-10/19/93	35	305.	297.657	375.	197.	2140.997	46.271	227.4	260.	335.	347.8
00300	OXYGEN, DISSOLVED MG/L	04/02/73-10/19/93	35	8.9	9.04	12.8	7.7	0.917	0.958	8.	8.5	9.4	10.24
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/02/73-06/29/82	16	83.	83.625	91.	77.	17.183	4.145	77.	81.25	87.75	89.6
00335	COD, .025N K2CR2O7 MG/L	04/02/73-07/30/73	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
00400	PH (STANDARD UNITS)	04/02/73-10/19/93	35	7.4	7.439	8.1	6.9	0.05	0.223	7.16	7.3	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	04/02/73-10/19/93	35	7.4	7.385	8.1	6.9	0.053	0.229	7.16	7.3	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/02/73-10/19/93	35	0.04	0.041	0.126	0.008	0.	0.022	0.02	0.025	0.05	0.07
00405	CARBON DIOXIDE (MG/L AS CO2)	04/02/73-09/21/81	15	11.	13.633	41.	7.	68.921	8.302	7.66	9.1	16.	27.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/02/73-09/30/92	34	160.	152.235	187.	92.	688.61	26.241	110.	130.75	172.75	182.5
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/06/86-09/30/92	12	172.	163.417	191.	103.	660.447	25.699	110.5	150.75	181.25	189.5
00440	BICARBONATE ION (MG/L AS HCO3)	04/02/73-05/23/89	21	200.	188.667	233.	112.	1045.233	32.33	125.8	172.	211.	223.2
00445	CARBONATE ION (MG/L AS CO3)	04/02/73-05/23/89	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/06/86-09/30/92	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/06/86-09/30/92	12	210.	199.5	233.	126.	969.545	31.138	135.3	184.25	221.75	230.9
00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-06/29/82	14	0.935	1.051	2.1	0.58	0.14	0.375	0.69	0.818	1.125	1.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/02/73-09/21/81	14	0.195	0.282	1.3	0.	0.12	0.347	0.	0.085	0.345	0.98
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/02/73-10/19/93	33 ##	0.01	0.023	0.14	0.005	0.001	0.032	0.005	0.005	0.025	0.074
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	33 ##	0.005	0.007	0.02	0.	0.	0.004	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/02/73-09/21/81	15	0.7	0.714	0.97	0.58	0.013	0.113	0.592	0.61	0.81	0.892
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/02/73-10/19/93	34	0.2	0.314	1.3	0.05	0.084	0.29	0.1	0.1	0.425	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	33	0.7	0.696	0.9	0.5	0.008	0.088	0.6	0.62	0.74	0.816
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/15/79-05/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/02/73-10/19/93	34	0.01	0.018	0.19	0.004	0.001	0.032	0.005	0.005	0.013	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/02/73-10/15/73	4 ##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/02/73-09/04/79	3	98.	82.667	150.	0.	5801.333	76.166	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/02/73-09/04/79	3	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/02/73-07/30/73	2	25.5	25.5	30.	21.	40.5	6.364	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/02/73-07/30/73	2	14.	14.	17.	11.	18.	4.243	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/02/73-07/30/73	2	1.45	1.45	1.5	1.4	0.005	0.071	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/02/73-07/30/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/02/73-07/30/73	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/02/73-07/30/73	2	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

Parameter Inventory for Station: OZAR0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/02/73-07/30/73	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/02/73-07/30/73	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/02/73-07/30/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/02/73-07/30/73	2	8.1	8.1	8.2	8.	0.02	0.141	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	28 ##	0.5	1.375	10.	0.	6.808	2.609	0.	0.5	1.	5.5
01046	IRON, DISSOLVED (UG/L AS FE)	04/02/73-07/30/73	2 ##	47.5	47.5	90.	5.	3612.5	60.104	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	28 ##	2.5	11.857	100.	0.5	730.238	27.023	0.5	0.625	7.75	63.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/02/73-07/30/73	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	29 ##	0.5	0.759	10.	0.	3.279	1.811	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	29	10.	20.448	140.	0.	946.899	30.772	5.	5.	20.	60.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/02/73-04/02/73	1	150.	150.	150.	150.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/02/73-04/02/73	1	2.176	2.176	2.176	2.176	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			150.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/73-09/24/76	5	31.	68.6	230.	1.	8634.3	92.921	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/73-09/24/76	5	1.491	1.385	2.362	0.	0.765	0.875	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.258								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	30	10.5	36.333	600.	0.5	11655.316	107.96	1.3	5.75	24.25	54.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	30	1.021	1.048	2.778	-0.301	0.378	0.615	0.06	0.758	1.385	1.738
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			11.166								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	28	39.5	97.75	980.	1.	36050.713	189.87	1.	9.25	99.	263.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	28	1.581	1.423	2.991	0.	0.652	0.807	0.	0.966	1.996	2.42
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			26.462								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/02/73-09/24/76	5	140.	239.	840.	2.	118272.	343.907	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/02/73-09/24/76	5	2.146	1.829	2.924	0.301	0.978	0.989	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			67.46								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/02/73-07/30/73	2	0.02	0.02	0.04	0.	0.001	0.028	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/02/73-07/30/73	2	133.5	133.5	149.	118.	480.5	21.92	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/02/73-07/30/73	2	130.	130.	150.	110.	800.	28.284	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/02/73-07/30/73	2	134.	134.	159.	109.	1250.	35.355	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/02/73-07/30/73	2	0.18	0.18	0.2	0.16	0.001	0.028	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/19/93	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/15/79-08/26/80	4	0.055	0.105	0.3	0.01	0.019	0.137	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/15/79-09/10/85	12	0.03	0.093	0.58	0.03	0.025	0.158	0.03	0.03	0.082	0.451
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-06/29/82	15	4.3	4.673	9.5	2.6	2.668	1.633	3.14	3.6	5.1	7.7

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

EPA Water Quality Criteria Analysis for Station: OZAR0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	35	0	0.00	17	0	0.00	2	0	0.00	16	0	0.00			
00400	PH	Other-Hi Lim.	9.	35	0	0.00	17	0	0.00	2	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	35	0	0.00	17	0	0.00	2	0	0.00	16	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	33	0	0.00	16	0	0.00	1	0	0.00	16	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	15	0	0.00	7	0	0.00	1	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	33	0	0.00	16	0	0.00	1	0	0.00	16	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			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	26 &	1	0.04	12	0	0.00	1	0	0.00	13	1	0.08			
		Drinking Water	5.	26 &	1	0.04	12	0	0.00	1	0	0.00	13	1	0.08			
01051	LEAD, TOTAL	Fresh Acute	82.	27 &	1	0.04	12	0	0.00	1	0	0.00	14	1	0.07			
		Drinking Water	15.	27 &	2	0.07	12	0	0.00	1	0	0.00	14	2	0.14			
01077	SILVER, TOTAL	Fresh Acute	4.1	28 &	0	0.00	13	0	0.00	1	0	0.00	14	0	0.00			
		Drinking Water	100.	29	0	0.00	14	0	0.00	1	0	0.00	14	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	29	1	0.03	14	1	0.07	1	0	0.00	14	0	0.00			
		Drinking Water	5000.	29	0	0.00	14	0	0.00	1	0	0.00	14	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	1	0.20	2	0	0.00	1	0	0.00	2	1	0.50			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	30	1	0.03	15	1	0.07	1	0	0.00	14	0	0.00			

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

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station OZAR0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/73-10/19/93	17	14.	13.988	14.5	13.2	0.206	0.454	13.44	13.5	14.5	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/19/93	10	768.	769.3	780.	762.	26.9	5.187	762.2	766.25	772.5	779.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/73-10/19/93	17	115.	135.118	284.	65.	3368.61	58.04	73.	99.	166.	252.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/73-10/19/93	17	335.	326.235	375.	250.	973.691	31.204	270.	311.5	344.5	368.6
00300p	OXYGEN, DISSOLVED MG/L	04/02/73-10/19/93	17	8.6	8.706	10.3	7.7	0.482	0.694	7.86	8.15	9.05	9.98
00400p	PH (STANDARD UNITS)	04/02/73-10/19/93	17	7.5	7.468	8.1	6.9	0.069	0.262	7.06	7.3	7.6	7.78
00400p	CONVERTED PH (STANDARD UNITS)	04/02/73-10/19/93	17	7.5	7.394	8.1	6.9	0.075	0.273	7.06	7.3	7.6	7.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/02/73-10/19/93	17	0.032	0.04	0.126	0.008	0.001	0.027	0.018	0.025	0.05	0.089
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/02/73-09/30/92	16	173.5	170.5	187.	128.	214.933	14.661	150.4	163.25	181.5	184.9
00440	BICARBONATE ION (MG/L AS HCO3)	04/02/73-05/23/89	10	208.	207.2	233.	157.	437.289	20.911	161.3	200.	221.	232.1
00445	CARBONATE ION (MG/L AS CO3)	04/02/73-05/23/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/02/73-10/19/93	15 ##	0.005	0.03	0.14	0.005	0.002	0.045	0.005	0.005	0.02	0.122
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	16 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/02/73-10/19/93	16	0.245	0.281	0.9	0.05	0.046	0.215	0.085	0.1	0.4	0.627
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	16	0.7	0.708	0.9	0.58	0.008	0.09	0.594	0.633	0.79	0.844
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/02/73-10/19/93	16	0.01	0.009	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.013
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	13 ##	0.5	1.269	10.	0.	7.151	2.674	0.	0.25	0.75	6.8
01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	13 ##	2.5	10.731	100.	0.5	731.401	27.044	0.5	0.5	8.	64.4
01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	14 ##	0.5	1.107	10.	0.	6.699	2.588	0.	0.	1.	5.5
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	14 ##	10.	27.5	140.	0.	1702.885	41.266	2.5	5.	25.	120.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	15	10.	56.667	600.	1.	23064.095	151.869	2.8	5.	30.	290.4
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	15	1.	1.117	2.778	0.	0.433	0.658	0.361	0.699	1.477	2.266
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			13.101								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	13	29.	130.077	980.	1.	71358.91	267.131	2.2	10.	103.	704.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	13	1.462	1.501	2.991	0.	0.637	0.798	0.241	1.	2.012	2.78
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			31.696								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/73-10/19/93	2	13.25	13.25	13.5	13.	0.125	0.354	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/19/93	1	770.	770.	770.	770.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/73-10/19/93	2	335.5	335.5	500.	171.	54120.5	232.638	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/73-10/19/93	2	264.	264.	327.	201.	7938.	89.095	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/02/73-10/19/93	2	8.95	8.95	9.1	8.8	0.045	0.212	**	**	**	**
00400p	PH (STANDARD UNITS)	04/02/73-10/19/93	2	7.5	7.5	7.8	7.2	0.18	0.424	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/02/73-10/19/93	2	7.404	7.404	7.8	7.2	0.199	0.446	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/02/73-10/19/93	2	0.039	0.039	0.063	0.016	0.001	0.033	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/02/73-09/30/92	2	134.	134.	171.	97.	2738.	52.326	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/02/73-05/23/89	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/02/73-05/23/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/02/73-10/19/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/02/73-10/19/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/02/73-10/19/93	2	0.007	0.007	0.01	0.004	0.	0.004	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	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 box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	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 box-and-whisker plot

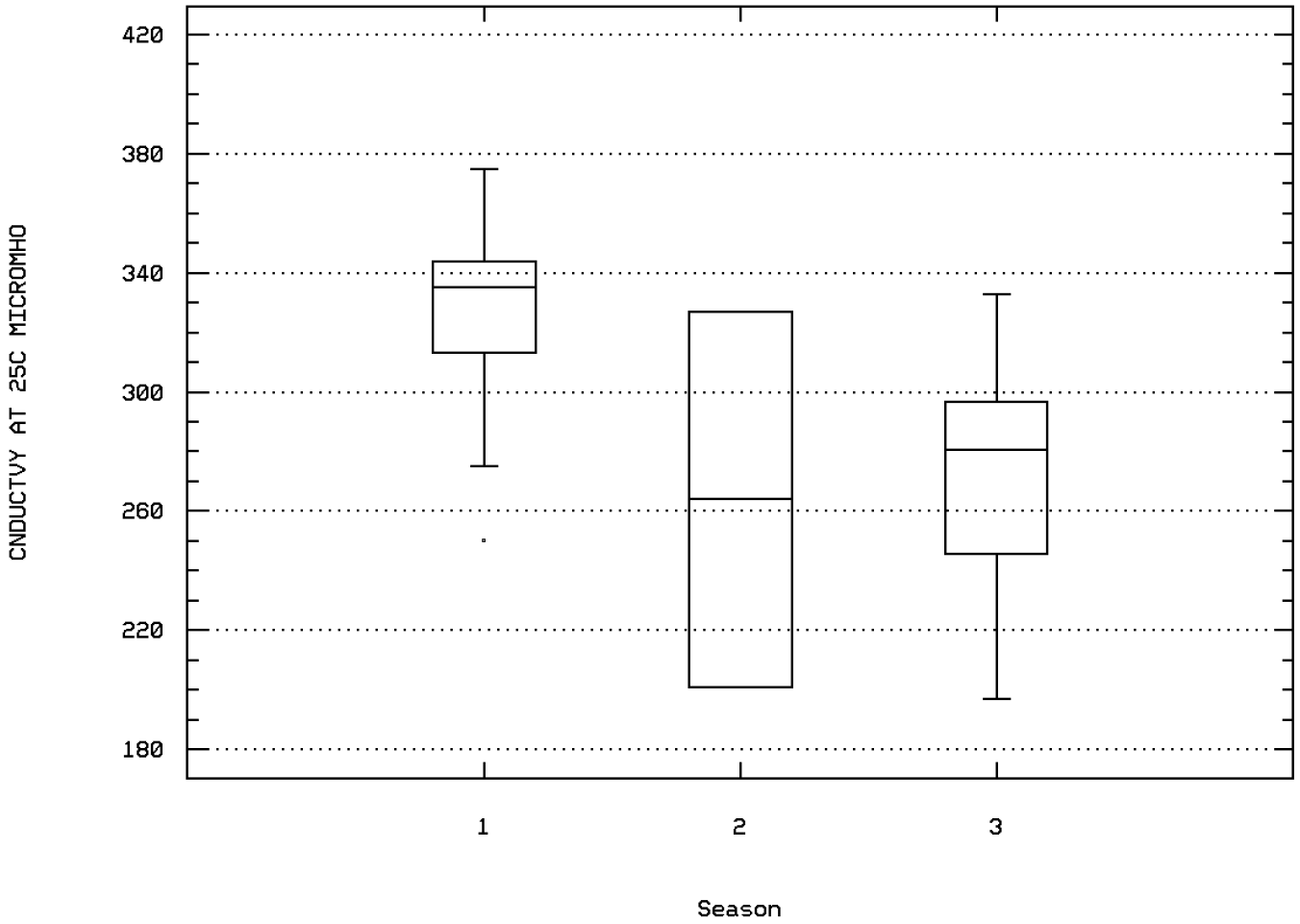
Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/73-10/19/93	16	13.5	13.594	14.5	13.	0.174	0.417	13.	13.5	14.	14.15
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/19/93	8	764.	765.	772.	760.	21.429	4.629	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/73-10/19/93	16	255.5	259.063	397.	130.	7061.929	84.035	139.8	182.	327.75	390.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/73-10/19/93	16	280.5	271.5	333.	197.	1478.667	38.453	210.3	244.25	300.75	332.3
00300p	OXYGEN, DISSOLVED MG/L	04/02/73-10/19/93	16	9.2	9.406	12.8	8.	1.291	1.136	8.28	8.6	9.95	11.12
00400p	PH (STANDARD UNITS)	04/02/73-10/19/93	16	7.4	7.4	7.7	7.1	0.024	0.155	7.17	7.3	7.5	7.63
00400p	CONVERTED PH (STANDARD UNITS)	04/02/73-10/19/93	16	7.4	7.374	7.7	7.1	0.025	0.157	7.17	7.3	7.5	7.63
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/02/73-10/19/93	16	0.04	0.042	0.079	0.02	0.	0.016	0.024	0.032	0.05	0.068
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/02/73-09/30/92	16	141.	136.25	172.	92.	444.733	21.089	98.3	122.25	150.	165.7
00440	BICARBONATE ION (MG/L AS HCO3)	04/02/73-05/23/89	10	178.	177.2	212.	112.	802.844	28.335	116.8	169.	198.	211.8
00445	CARBONATE ION (MG/L AS CO3)	04/02/73-05/23/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/02/73-10/19/93	16 ##	0.01	0.015	0.04	0.005	0.	0.012	0.005	0.005	0.028	0.033
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-10/19/93	16 ##	0.005	0.006	0.01	0.	0.	0.003	0.004	0.005	0.01	0.01
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/02/73-10/19/93	16	0.205	0.377	1.3	0.1	0.126	0.355	0.1	0.113	0.62	1.02
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-10/19/93	16	0.7	0.684	0.84	0.5	0.008	0.091	0.57	0.603	0.718	0.819
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/02/73-10/19/93	16	0.01	0.028	0.19	0.005	0.002	0.045	0.005	0.01	0.03	0.092
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/76-10/19/93	14 ##	0.5	1.536	10.	0.	7.441	2.728	0.	0.5	1.	7.5
01051	LEAD, TOTAL (UG/L AS PB)	09/24/76-10/19/93	14	2.5	13.679	98.	0.5	827.6	28.768	0.5	0.875	7.5	79.
01077	SILVER, TOTAL (UG/L AS AG)	09/24/76-10/19/93	14 ##	0.5	0.429	1.	0.	0.11	0.331	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/76-10/19/93	14	10.	14.5	60.	5.	226.577	15.052	5.	5.	20.	45.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	14	14.	16.786	56.	0.5	197.989	14.071	0.5	7.75	23.25	41.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/05/77-10/19/93	14	1.146	0.998	1.748	-0.301	0.36	0.6	-0.301	0.889	1.366	1.59
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			9.965								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	14	57.	74.643	260.	1.	6664.709	81.638	1.5	7.75	115.	230.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/05/77-10/19/93	14	1.754	1.451	2.415	0.	0.603	0.777	0.151	0.866	2.051	2.358
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			28.278								

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Station: OZAR0090 Parameter Code: 00095

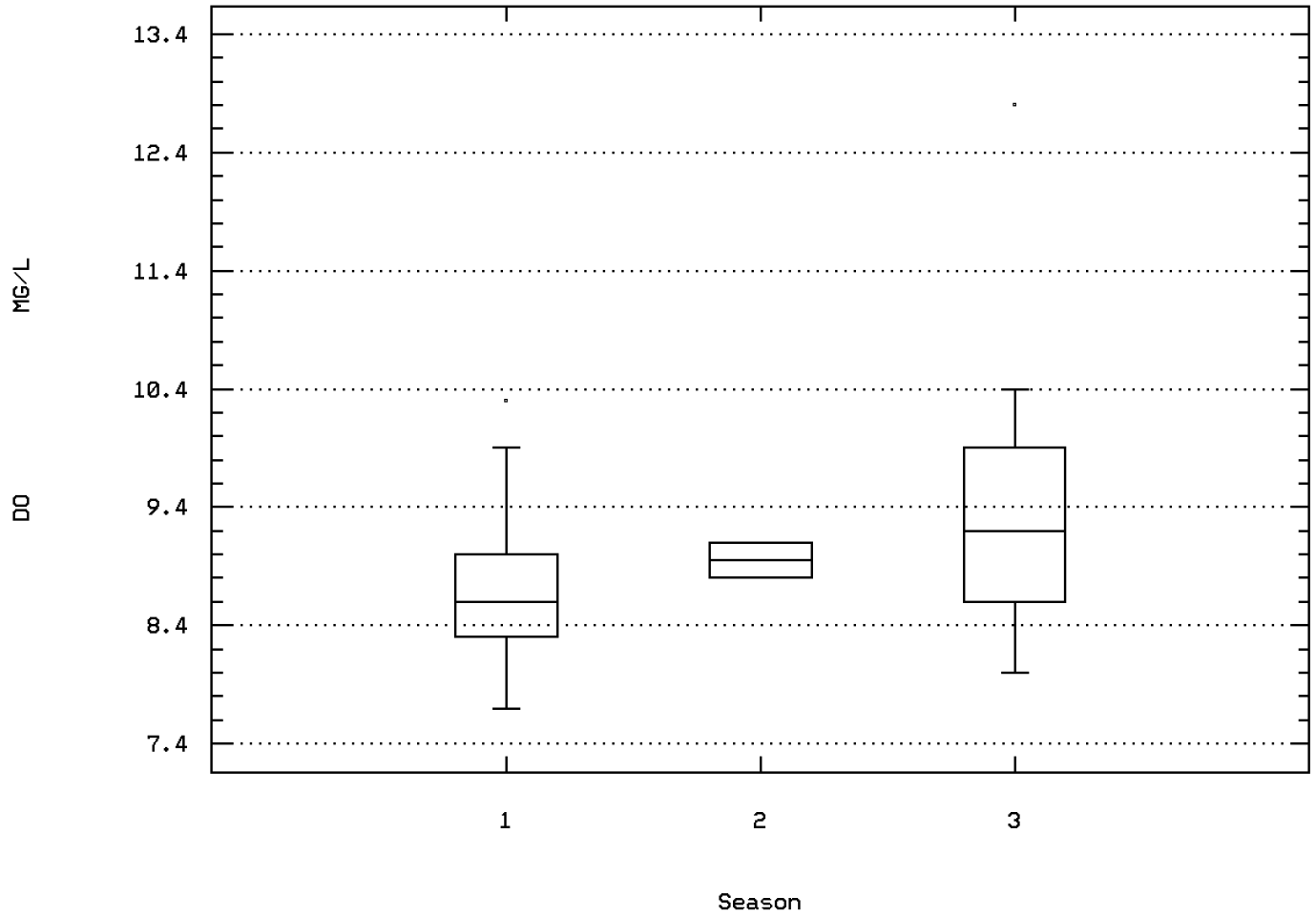
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



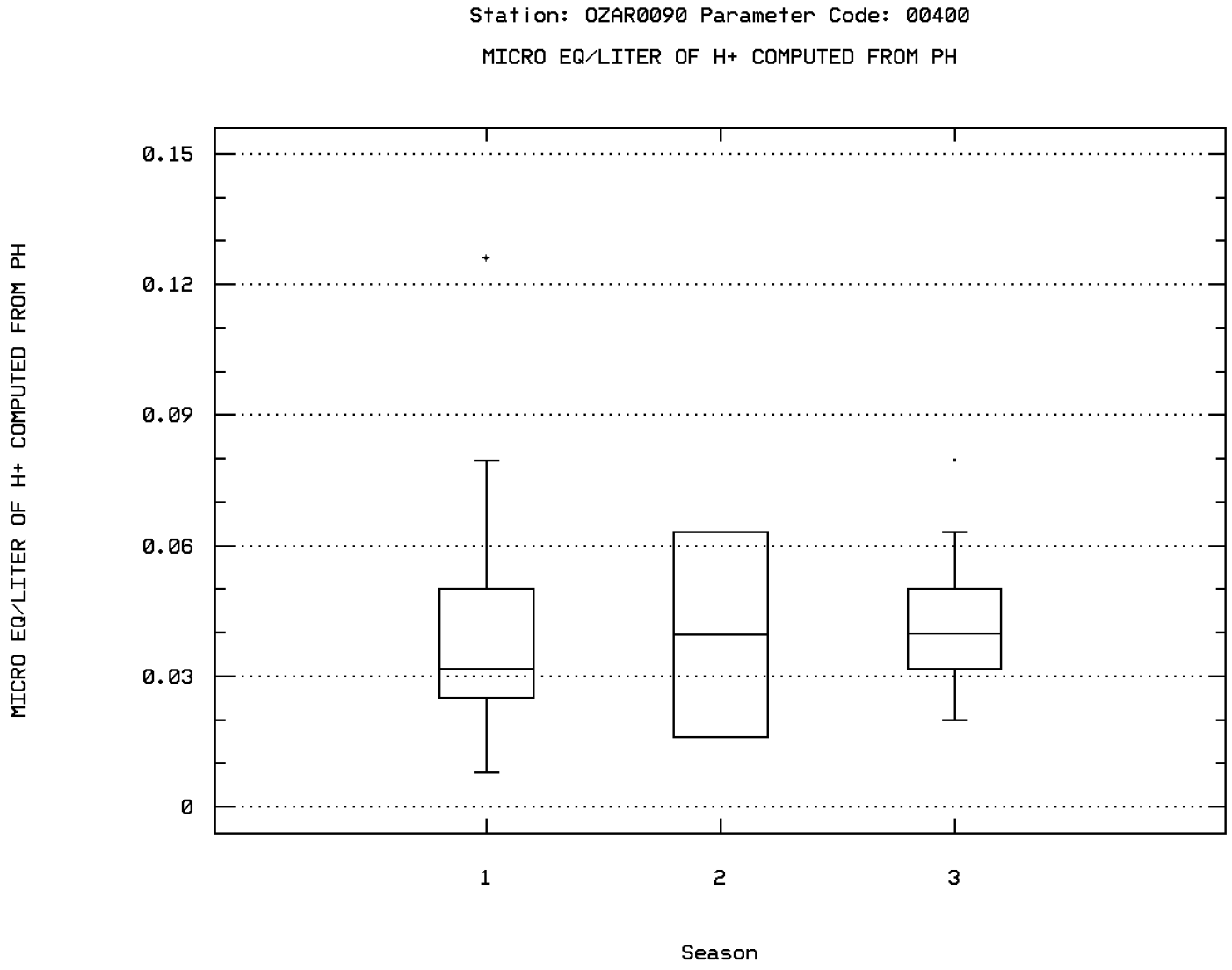
WELCH SPRING NEAR AKERS MO

Station: OZAR0090 Parameter Code: 00300

OXYGEN, DISSOLVED



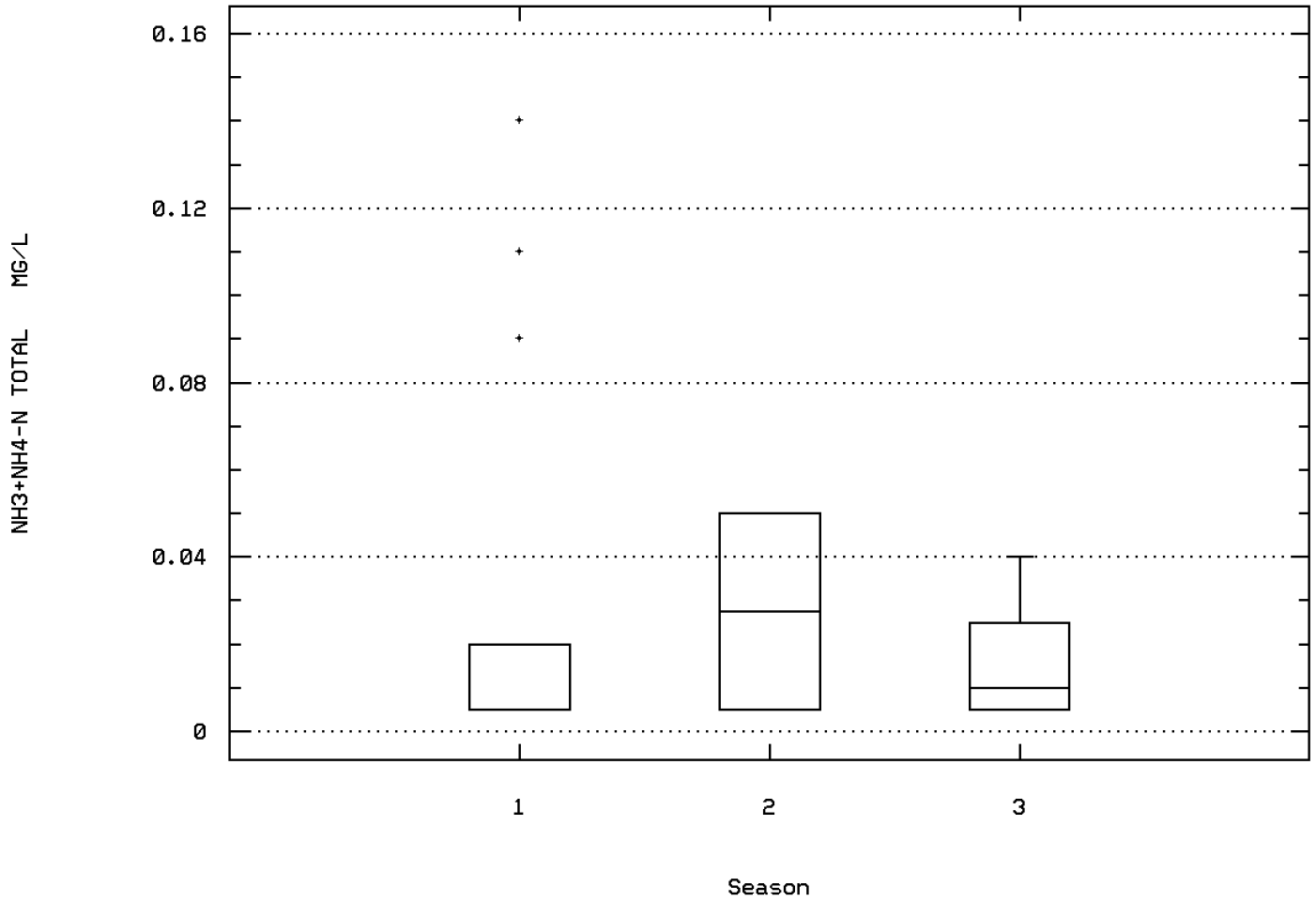
WELCH SPRING NEAR AKERS MO



WELCH SPRING NEAR AKERS MO

Station: OZAR0090 Parameter Code: 00610

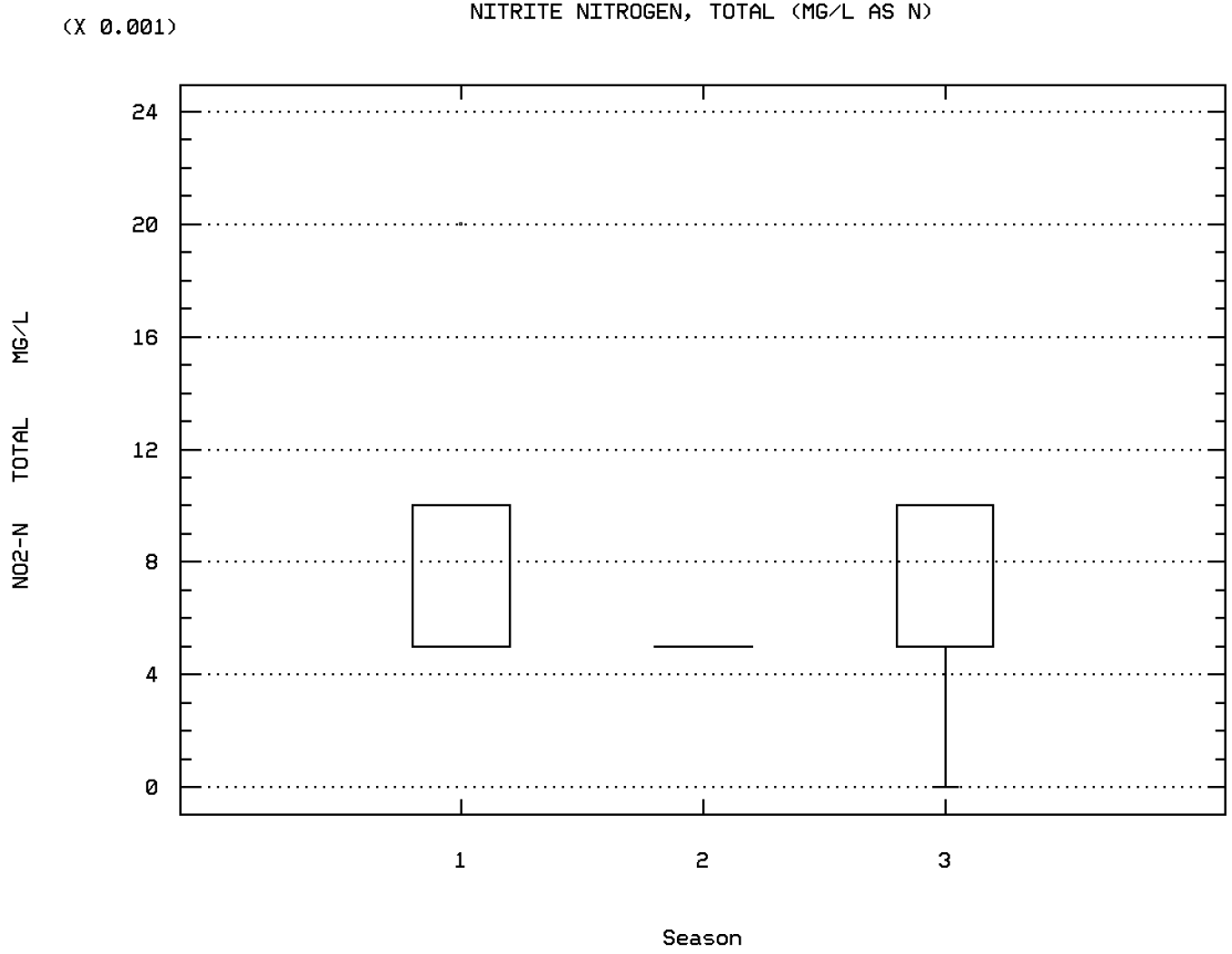
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



WELCH SPRING NEAR AKERS MO

Station: OZAR0090 Parameter Code: 00615

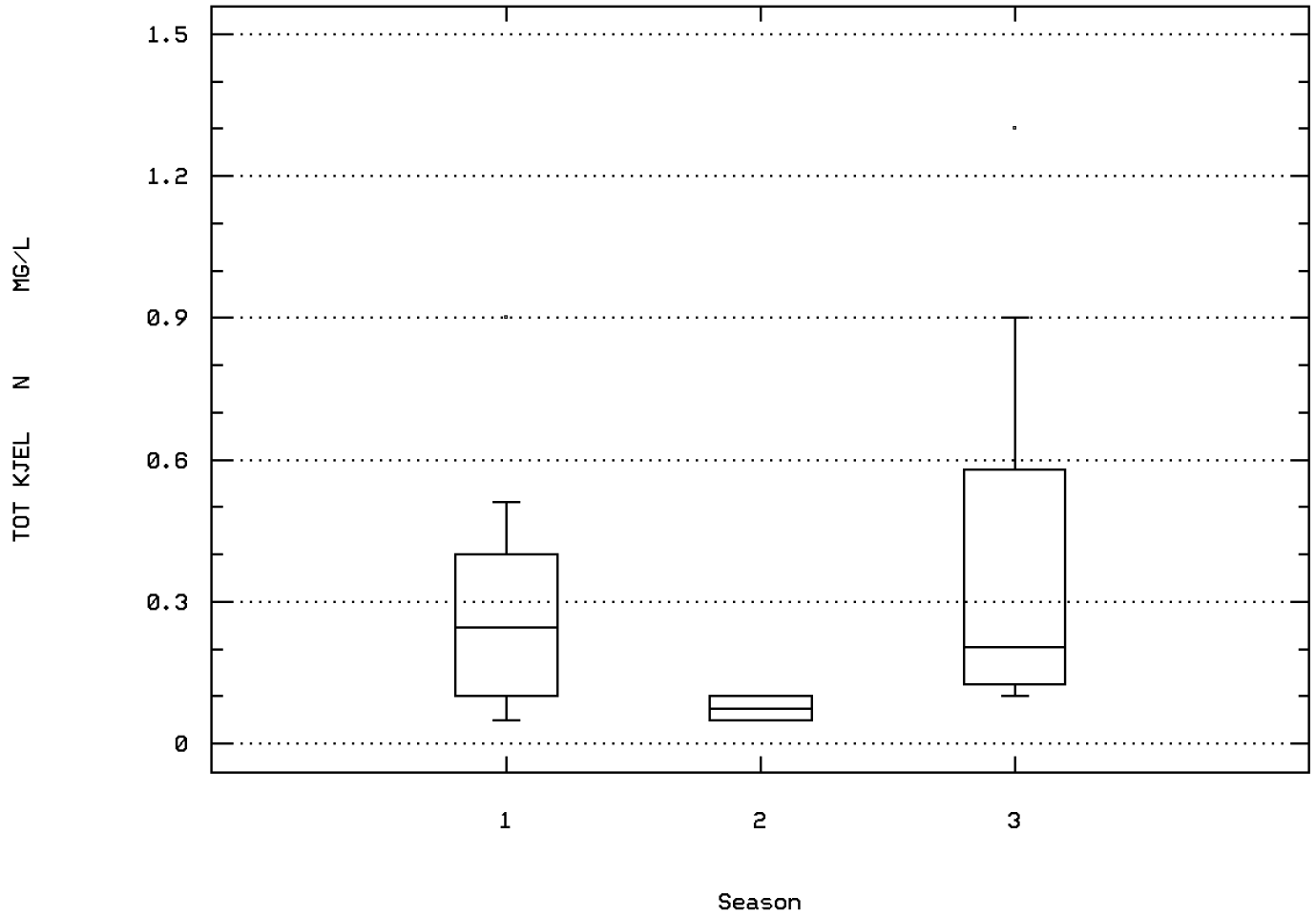
NITRITE NITROGEN, TOTAL (MG/L AS N)



WELCH SPRING NEAR AKERS MO

Station: OZAR0090 Parameter Code: 00625

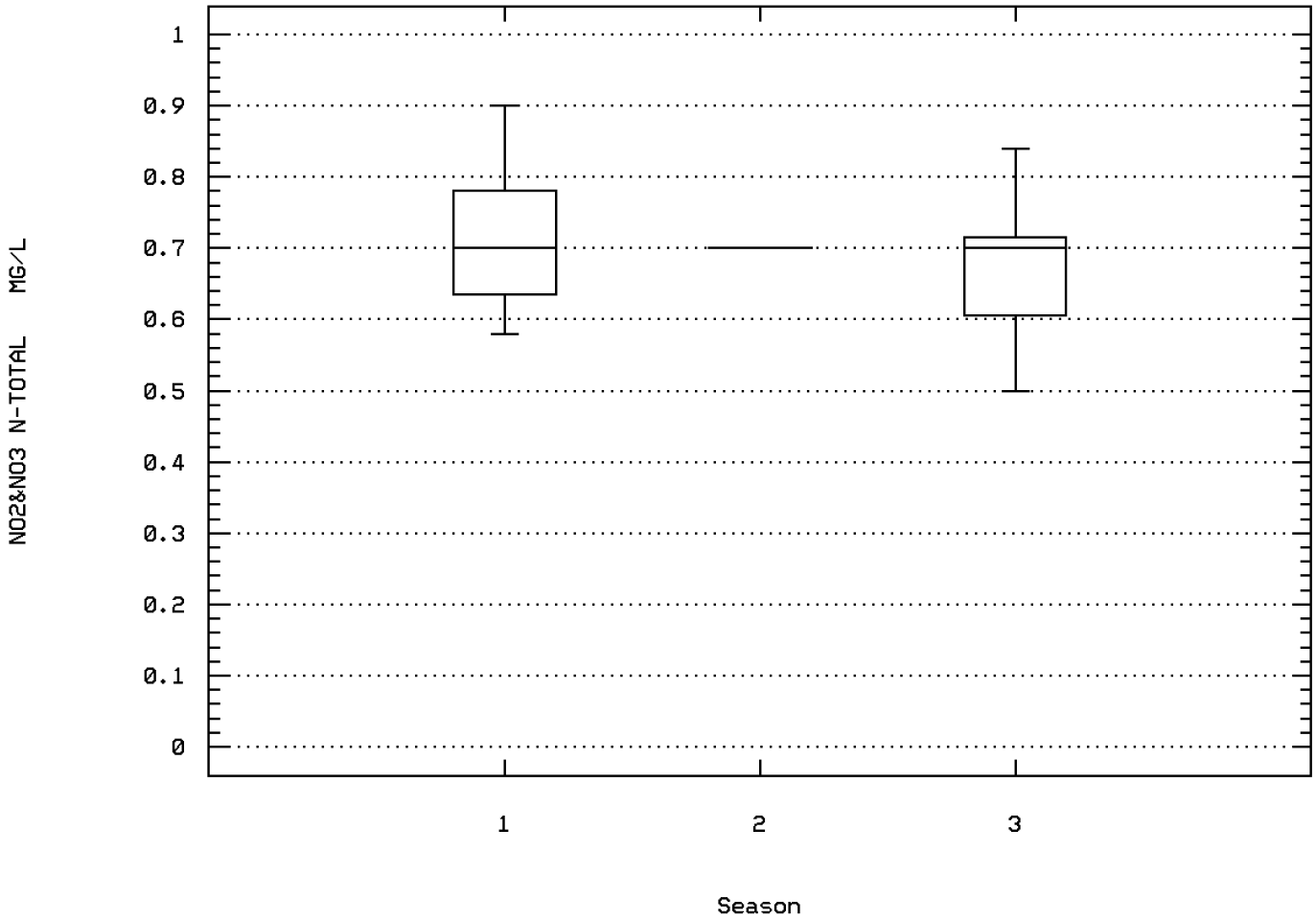
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



WELCH SPRING NEAR AKERS MO

Station: OZAR0090 Parameter Code: 00630

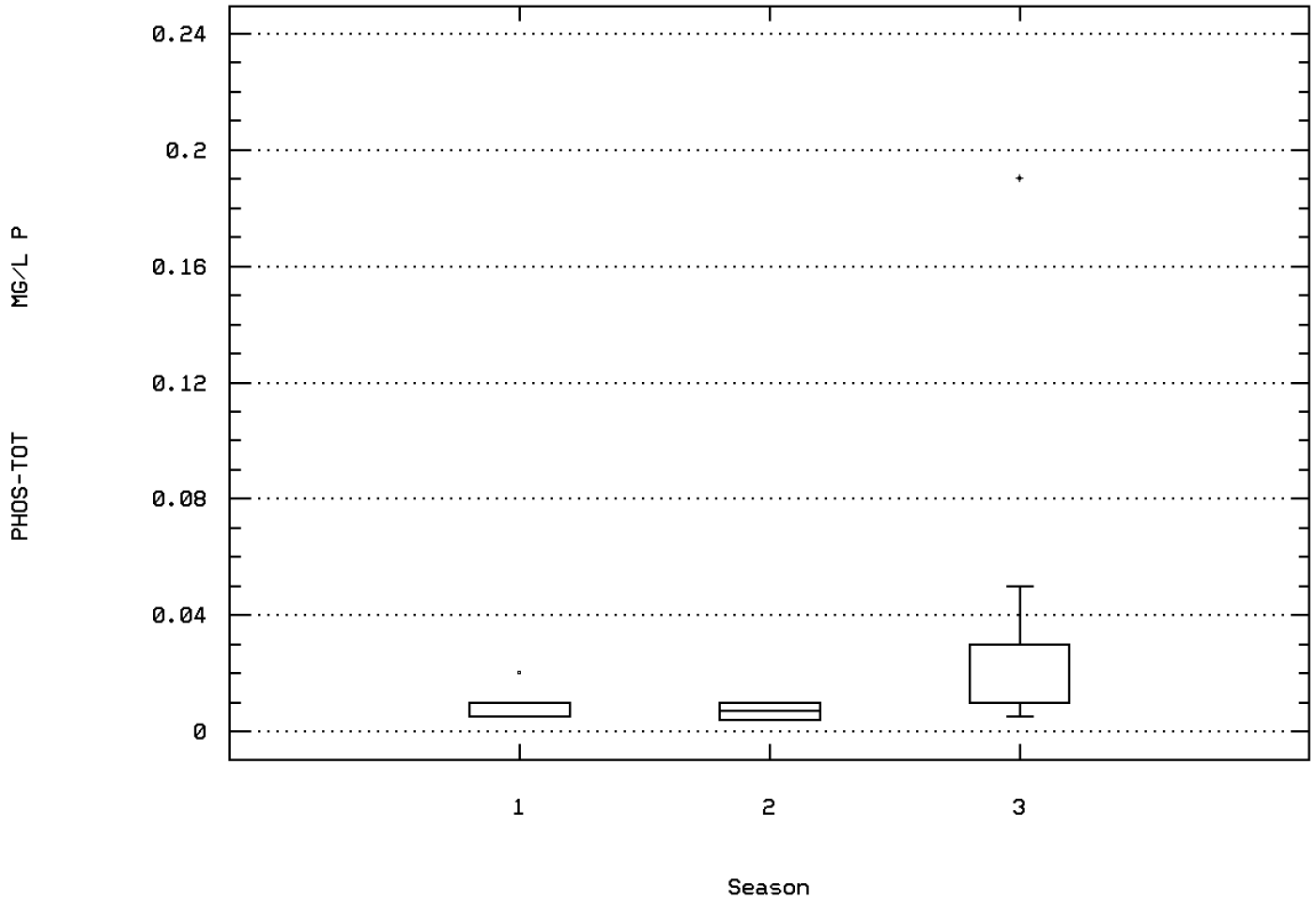
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



WELCH SPRING NEAR AKERS MO

Station: OZAR0090 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)



WELCH SPRING NEAR AKERS MO

Station Inventory for Station: OZAR0091

NPS Station ID: OZAR0091
LAT/LON: 37.393892/ -91.573616
Agency: 112WRD
Date Created: 02/28/78
Location: 031N006W10DDD1
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372338091342501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008036
RF1 Mile Point: 2.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008016400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/66-10/03/66	1	13.9	13.9	13.9	13.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/03/66-04/25/67	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/66-04/30/71	3	270.	267.333	279.	253.	174.333	13.204	**	**	**	**
00400	PH (STANDARD UNITS)	10/03/66-04/30/71	3	7.6	7.567	7.7	7.4	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/03/66-04/30/71	3	7.6	7.548	7.7	7.4	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/66-04/30/71	3	0.025	0.028	0.04	0.02	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/71-04/30/71	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/03/66-04/30/71	3	174.	176.667	196.	160.	329.333	18.148	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/03/66-04/30/71	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/03/66-04/30/71	3	0.61	0.62	0.75	0.5	0.016	0.125	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/25/67-04/25/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/25/67-04/25/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/66-04/30/71	3	144.	143.	154.	131.	133.	11.533	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/03/66-04/30/71	3	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/66-04/30/71	3	28.	29.667	35.	26.	22.333	4.726	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/66-04/30/71	3	16.3	16.767	18.	16.	1.163	1.079	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/66-04/30/71	3	1.3	1.333	1.4	1.3	0.003	0.058	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/66-04/30/71	3	0.9	0.867	1.1	0.6	0.063	0.252	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/66-04/30/71	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/66-04/30/71	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/66-04/30/71	3	0.	0.033	0.1	0.	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/66-04/30/71	3	8.8	8.9	9.5	8.4	0.31	0.557	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/66-04/30/71	3	152.	153.333	180.	128.	677.333	26.026	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/66-04/25/67	2	145.	145.	151.	139.	72.	8.485	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/03/66-04/30/71	3	2.7	2.733	3.3	2.2	0.303	0.551	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/03/66-04/30/71	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
71885	IRON (UG/L AS FE)	04/30/71-04/30/71	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: OZAR0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			

& - 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: OZAR0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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	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			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	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: OZAR0092

NPS Station ID: OZAR0092 | LAT/LON: 37.422170/ -91.608253 | Agency: 11NPSWRD | Date Created: 06/24/95
Location: CEDAR GROVE | FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): CDGR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE CURRENT RIVER WHERE ROAD ZZ FORDS THE RIVER JUST UPSTREAM OF CEDAR GROVE.

Parameter Inventory for Station: OZAR0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/17/83	15	18.9	18.547	20.6	16.1	1.493	1.222	16.16	17.8	19.4	19.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	8	197.5	199.375	220.	170.	253.125	15.91	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	6	9.95	9.767	12.9	6.6	4.059	2.015	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/17/83	8	7.925	7.9	8.6	7.	0.301	0.548	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/17/83	8	7.869	7.604	8.6	7.	0.401	0.633	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/17/83	8	0.014	0.025	0.1	0.003	0.001	0.033	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/17/83	7	150.	147.571	163.	129.	147.619	12.15	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/12/83-09/17/83	5	0.39	0.386	0.44	0.32	0.002	0.043	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	13	29.	43.538	190.	7.	2143.769	46.301	10.6	20.5	50.	134.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	13	1.462	1.502	2.279	0.845	0.114	0.338	0.989	1.309	1.699	2.054
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.798								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/17/83	4	8.	9.	20.	0.	110.667	10.52	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/17/83	4	0.602	0.626	1.301	0.	0.525	0.724	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			4.229								

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

EPA Water Quality Criteria Analysis for Station: OZAR0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	3	0	0.00				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00				4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	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

Station Inventory for Station: OZAR0093

NPS Station ID: OZAR0093
LAT/LON: 37.441115/ -91.620004
Agency: 112WRD
Date Created: 05/07/94
Location: SPRING OZ-19
FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372628091371201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/93-09/23/93	1	13.7	13.7	13.7	13.7	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/23/93-09/23/93	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/93-09/23/93	1	606.	606.	606.	606.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/23/93-09/23/93	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/93-09/23/93	1	7.07	7.07	7.07	7.07	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/93-09/23/93	1	7.07	7.07	7.07	7.07	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/93-09/23/93	1	0.085	0.085	0.085	0.085	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/23/93-09/23/93	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/93-09/23/93	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/93-09/23/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	09/23/93-09/23/93	1	365.	365.	365.	365.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/23/93-09/23/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/93-09/23/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/23/93-09/23/93	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/93-09/23/93	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/93-09/23/93	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/93-09/23/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/93-09/23/93	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/93-09/23/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/93-09/23/93	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/93-09/23/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/93-09/23/93	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/23/93-09/23/93	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/23/93-09/23/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/93-09/23/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/23/93-09/23/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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Parameter Inventory for Station: OZAR0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/23/93-09/23/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/23/93-09/23/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/23/93-09/23/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/23/93-09/23/93	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	09/23/93-09/23/93	1	28.	28.	28.	28.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/93-09/23/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/23/93-09/23/93	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34253	A-BHC-ALPHA DISSUG/L	09/23/93-09/23/93	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	09/23/93-09/23/93	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/23/93-09/23/93	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/23/93-09/23/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/23/93-09/23/93	1	280.	280.	280.	280.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/23/93-09/23/93	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
75985	TRITIUM,1 SIGMA PRC EST, TOTAL, WATER PC/L	09/23/93-09/23/93	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	09/23/93-09/23/93	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/23/93-09/23/93	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/23/93-09/23/93	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: OZAR0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	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	Other-Hi Lim.	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									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	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.	1	0	0.00	1	0	0.00									
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	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									
46342	ALACHLOR (LASSO), WATER, DISSOLVED	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: OZAR0094

NPS Station ID: OZAR0094 | LAT/LON: 37.450087/ -91.660560 | Agency: 11NPSWRD | Date Created: 06/24/95
Location: TAN VAT | FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): TNVT
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED AT THE YY ROAD FORD ON THE CURRENT RIVER JUST DOWNSTREAM FROM INMAN HOLLOW.

Parameter Inventory for Station: OZAR0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-09/17/83	15	16.1	16.14	17.8	15.6	0.433	0.658	15.6	15.6	16.7	17.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-09/17/83	8	195.	191.25	225.	160.	519.643	22.796	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	6	11.1	11.633	14.5	10.6	2.059	1.435	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/17/83	8	7.6	7.769	8.5	6.9	0.328	0.573	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/17/83	8	7.589	7.478	8.5	6.9	0.424	0.651	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/17/83	8	0.026	0.033	0.126	0.003	0.002	0.04	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-09/17/83	7	150.	146.143	156.	129.	110.476	10.511	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-09/17/83	6	0.425	0.407	0.55	0.14	0.025	0.16	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/16/83-06/16/83	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	13	43.	48.923	104.	0.	1286.077	35.862	3.6	12.5	80.	102.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-09/17/83	13	1.633	1.481	2.017	0.	0.327	0.572	0.382	1.097	1.901	2.01
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.244								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/02/83	4	20.	20.	40.	0.	533.333	23.094	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-07/02/83	4	0.801	0.801	1.602	0.	0.856	0.925	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6.325								

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

EPA Water Quality Criteria Analysis for Station: OZAR0094

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			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				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00				4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	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

Station Inventory for Station: OZAR0095

NPS Station ID: OZAR0095 LAT/LON: 37.454392/ -91.661281 Agency: 21MO0001 Date Created: 10/06/84
Location: T32N, R7W, SEC. 25,NW 1/4 NR MOUTH OF TANVAT CK FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11010008037
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11010008 Depth of Water: 0 Aquifer:
Major Basin: WHITE RIVER Elevation: 0 Water Body Id:
Minor Basin: CURRENT RIVER ECO Region:
RF1 Index: 11010008038 RF1 Mile Point: 2.010 Distance from RF1: 0.80 On/Off RF1: ON
RF3 Index: 11010008093000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.12 On/Off RF3:
Description:
COUNTY: DENT ESTABLISHED FOR: CURRENT RIVER WATER QUAITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/18/74-10/21/74	4	55.4	55.85	59.9	52.7	9.45	3.074	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	01/18/74-10/21/74	4	122.	120.5	141.	97.	336.333	18.339	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	01/18/74-10/21/74	4	153.	154.75	204.	109.	1540.917	39.255	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/18/74-10/21/74	4	1.	1.5	3.	1.	1.	1.	**	**	**	**
00089	COD, SETTLED MG/L	01/18/74-10/21/74	4	4.	8.25	23.	2.	98.25	9.912	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/74-10/21/74	4	257.	252.75	292.	205.	1435.583	37.889	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/18/74-10/21/74	4	10.3	10.4	11.6	9.4	0.827	0.909	**	**	**	**
00400	PH (STANDARD UNITS)	01/18/74-10/21/74	4	7.6	7.625	8.	7.3	0.109	0.33	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/74-10/21/74	4	7.555	7.538	8.	7.3	0.119	0.345	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/74-10/21/74	4	0.028	0.029	0.05	0.01	0.	0.019	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/17/74-10/21/74	3	0.04	0.057	0.09	0.04	0.001	0.029	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/18/74-10/21/74	4	0.585	0.508	0.8	0.06	0.103	0.321	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/74-10/21/74	4	0.04	0.06	0.13	0.03	0.002	0.047	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/18/74-10/21/74	4	110.	113.5	140.	94.	435.667	20.873	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/18/74-10/21/74	4	24.	22.75	30.	13.	52.917	7.274	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/18/74-10/21/74	4	14.5	14.25	16.	12.	2.917	1.708	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/74-10/21/74	4	2.35	2.35	2.4	2.3	0.003	0.058	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/74-10/21/74	4	1.1	1.125	1.4	0.9	0.049	0.222	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/74-10/21/74	4	2.5	2.025	3.	0.1	1.869	1.367	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/74-10/21/74	4	5.	6.75	13.	4.	17.583	4.193	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/18/74-10/21/74	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/18/74-10/21/74	4	4.5	12.5	39.	2.	315.	17.748	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/18/74-10/21/74	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/74-10/21/74	4	1.25	2.875	9.	0.	17.396	4.171	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/74-10/21/74	4	4.5	14.5	48.	1.	503.	22.428	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/74-10/21/74	3	24.	18.333	30.	1.	234.333	15.308	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/74-10/21/74	3	1.38	0.952	1.477	0.	0.683	0.826	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.963								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/18/74-10/21/74	3	20.	19.333	37.	1.	324.333	18.009	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/18/74-10/21/74	3	1.301	0.956	1.568	0.	0.704	0.839	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			9.045								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/18/74-10/21/74	4	0.035	0.053	0.13	0.01	0.003	0.053	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	15.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	2	0	0.00						

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

Station Inventory for Station: OZAR0096

NPS Station ID: OZAR0096
LAT/LON: 37.049059/ -91.668171
Agency: 21MO0001
Date Created: 10/06/84
Location: T28N,R7W,SEC.36,SW 1/4, HYW, 17 BRIDGE
FIPS State/County: 29203 MISSOURI/SHANNON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11010008044B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: WHITE RIVER
Elevation: 0
Water Body Id:
Minor Basin: JACK'S FORK RIVER
ECO Region:
RF1 Index: 11010008044
RF1 Mile Point: 23.510
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008004409.16
RF3 Mile Point: 9.16
Distance from RF3: 0.01
On/Off RF3:
Description:
COUNTY: TEXAS ESTABLISHED FOR: JACK'S FORK WATER QUALITY OF THE CURRENT, JACK'S FORK, ELEVEN POINT, LITTLE BLACK AND WARM FORK OF SPRING RIVER BASINS OF MISSOURI-MO DEPT OF CONSERVATION

Parameter Inventory for Station: OZAR0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/73-07/09/74	2	71.15	71.15	79.7	62.6	146.205	12.092	**	**	**	**
00040	WIND DIRECTION, AZIMUTH	10/16/73-07/09/74	2	184.5	184.5	192.	177.	112.5	10.607	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-07/09/74	2	106.	106.	156.	56.	5000.	70.711	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-07/09/74	2	371.5	371.5	402.	341.	1860.5	43.134	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/73-07/09/74	2	8.7	8.7	9.2	8.2	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/73-07/09/74	2	8.15	8.15	8.2	8.1	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/73-07/09/74	2	8.147	8.147	8.2	8.1	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/73-07/09/74	2	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-07/09/74	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-07/09/74	2	0.29	0.29	0.36	0.22	0.01	0.099	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-07/09/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/16/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	240.	240.	240.	240.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/16/73	1	2.38	2.38	2.38	2.38	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			240.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/73-10/16/73	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: OZAR0096

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-4/20----------			----------4/21-7/31----------			--------------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.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Other-Hi Lim.	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.	2	0	0.00	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0097

NPS Station ID: OZAR0097
LAT/LON: 37.056115/ -91.668060
Agency: 112WRD
Date Created: / /
Location: JACKS FORK NEAR MOUNTAIN VIEW, MO
FIPS State/County: 29215 MISSOURI/TEXAS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07065200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008044
RF1 Mile Point: 23.510
Distance from RF1: 15.30
On/Off RF1: ON
RF3 Index: 11010008052600.00
RF3 Mile Point: 2.97
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/64-07/09/74	6	20.5	17.55	26.5	2.8	93.515	9.67	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	12/01/64-10/16/73	2	91.5	91.5	156.	27.	8320.5	91.217	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/73-07/09/74	5	107.	205.6	664.	45.	67621.3	260.041	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/73-07/31/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/01/64-07/31/73	3	3.	3.333	5.	2.	2.333	1.528	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/64-07/09/74	6	367.	358.	402.	274.	2442.8	49.425	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/73-07/09/74	5	8.3	8.82	10.4	8.	0.992	0.996	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/73-07/09/74	5	95.	96.2	101.	90.	22.7	4.764	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/04/73-07/31/73	3	23.	17.	28.	0.	223.	14.933	**	**	**	**
00400	PH (STANDARD UNITS)	12/01/64-07/09/74	6	8.15	8.133	8.2	8.	0.007	0.082	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/01/64-07/09/74	6	8.147	8.127	8.2	8.	0.007	0.082	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/01/64-07/09/74	6	0.007	0.007	0.01	0.006	0.	0.001	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/04/73-07/09/74	5	2.4	2.48	2.8	2.1	0.077	0.277	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/73-07/09/74	5	177.	175.4	194.	144.	409.8	20.244	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/01/64-07/09/74	6	225.	222.333	264.	176.	890.267	29.837	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/01/64-07/09/74	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/73-07/09/74	4	0.36	0.39	0.65	0.19	0.038	0.195	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/73-07/09/74	5	0.16	0.132	0.24	0.03	0.009	0.093	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/73-07/09/74	5	0.03	0.028	0.05	0.01	0.	0.018	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/73-07/09/74	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/04/73-07/09/74	5	0.2	0.202	0.36	0.11	0.01	0.101	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/73-07/09/74	5	0.19	0.16	0.29	0.05	0.01	0.099	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/73-07/09/74	4	0.17	0.203	0.36	0.11	0.013	0.116	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/73-07/09/74	5	0.01	0.013	0.03	0.005	0.	0.01	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/04/73-10/16/73	4 ##	0.008	0.013	0.03	0.005	0.	0.012	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/64-07/31/73	3	190.	182.333	217.	140.	1526.333	39.068	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/01/64-07/31/73	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/01/64-07/31/73	3	37.	37.	44.	30.	49.	7.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/01/64-07/31/73	3	24.	22.333	26.	17.	22.333	4.726	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/01/64-07/31/73	3	1.3	1.367	1.6	1.2	0.043	0.208	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/04/73-07/31/73	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	04/04/73-07/31/73	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/01/64-07/31/73	3	1.1	1.033	1.2	0.8	0.043	0.208	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/64-07/31/73	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/64-07/31/73	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/01/64-07/31/73	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/01/64-07/31/73	3	7.	7.8	9.6	6.8	2.44	1.562	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/04/73-07/31/73	2	55.	55.	90.	20.	2450.	49.497	**	**	**	**

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

Parameter Inventory for Station: OZAR0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/01/64-07/31/73	3	5.	8.333	20.	0.	108.333	10.408	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/04/73	1	580.	580.	580.	580.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/04/73-04/04/73	1	2.763	2.763	2.763	2.763	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			580.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-07/09/74	5	29.	47.6	100.	4.	2163.3	46.511	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/73-07/09/74	5	1.462	1.408	2.	0.602	0.374	0.611	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.612								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/04/73-07/09/74	5	34.	158.	480.	10.	41278.	203.17	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/04/73-07/09/74	5	1.531	1.802	2.681	1.	0.493	0.702	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			63.326								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/04/73-07/31/73	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/64-07/31/73	3	191.	176.667	194.	145.	754.333	27.465	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/01/64-07/31/73	3	195.	187.	215.	151.	1072.	32.741	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	12/01/64-07/31/73	3	23.2	99.067	260.	14.	19445.813	139.448	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/01/64-07/31/73	3	0.26	0.24	0.26	0.2	0.001	0.035	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/01/64-12/01/64	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	12/01/64-12/01/64	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/19/73-07/09/74	4	1.6	1.725	2.9	0.8	0.782	0.885	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OZAR0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00				3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00				3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00				2	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	1	0	0.00	1	0	0.00	3	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: OZAR0098

NPS Station ID: OZAR0098
LAT/LON: 37.056115/ -91.669726
Agency: 11NPSWRD
Date Created: 06/10/95
Location: 17 BRIDGE
FIPS State/County: 29215 MISSOURI/TEXAS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 17BR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin: S. CENTRAL LOWER MISS R.
Elevation: 0
Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER
ECO Region:
RF1 Index: 11010008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 11010008119700.00
RF3 Mile Point: 0.88
Distance from RF3: 0.16
On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. AKERMAN OF THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION IN FORT COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/83-08/03/93	16	25.6	25.075	29.4	19.4	6.909	2.628	20.45	23.575	26.7	28.28
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/03/93-08/03/93	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/16/83-08/03/93	10	242.5	259.	350.	210.	2743.333	52.377	210.5	218.75	293.75	350.
00300	OXYGEN, DISSOLVED MG/L	06/19/83-09/04/83	7	8.7	9.086	11.4	7.5	2.518	1.587	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/83-09/17/83	8	7.85	7.825	8.4	7.3	0.114	0.337	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/83-09/17/83	8	7.847	7.715	8.4	7.3	0.127	0.357	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/83-09/17/83	8	0.014	0.019	0.05	0.004	0.	0.015	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/03/93-08/03/93	1	8.11	8.11	8.11	8.11	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/93-08/03/93	1	8.11	8.11	8.11	8.11	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/93-08/03/93	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/83-08/03/93	8	193.5	198.	238.	184.	308.286	17.558	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/28/83-08/03/93	11	0.25	0.239	0.52	0.06	0.015	0.123	0.068	0.17	0.3	0.48
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/04/83-09/04/83	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/91-08/03/93	5	0.01	0.008	0.011	0.004	0.	0.003	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/03/93	21	11.	29.143	180.	0.	2590.029	50.892	0.	0.	30.	149.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/03/93	21	1.041	0.964	2.255	0.	0.532	0.729	0.	0.	1.476	2.14
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.205								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-08/11/92	13	0.	22.	180.	0.	2638.667	51.368	0.	0.	18.	136.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/83-08/11/92	13	0.	0.508	2.255	0.	0.69	0.831	0.	0.	1.253	2.091
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.222								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/23/91-08/11/92	7	0.8	0.743	1.1	0.3	0.1	0.315	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	3	0	0.00				4	0	0.00			
00400	PH	Other-Hi Lim.	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00				4	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	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									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	0	0.00	10	0	0.00	4	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: 8/01 to 10/31 - Station OZAR0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/03/93	10	11.	28.	172.	0.	2618.444	51.171	0.5	8.	22.	157.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/03/93	10	1.041	1.088	2.236	0.	0.317	0.563	0.07	0.89	1.338	2.157
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.232								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/03/93	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/03/93	4	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 box-and-whisker plot

Seasonal Analysis for Season #3: 4/21 to 7/31 - Station OZAR0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/03/93	7	32.	47.429	180.	0.	3747.286	61.215	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/83-08/03/93	7	1.505	1.338	2.255	0.	0.49	0.7	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21.8								

** - 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

Station Inventory for Station: OZAR0099

NPS Station ID: OZAR0099 | LAT/LON: 37.451392/ -91.678059 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: MONTAUK - LAGOON | FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MONL
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. AKERMAN OF THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION IN FORT COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/12/91-06/25/91	2	70.	70.	85.	55.	450.	21.213	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/12/91-06/25/91	2	1.835	1.835	1.929	1.74	0.018	0.134	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			68.374								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/91-06/25/91	2	87.5	87.5	100.	75.	312.5	17.678	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/91-06/25/91	2	1.938	1.938	2.	1.875	0.008	0.088	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			86.603								

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

EPA Water Quality Criteria Analysis for Station: OZAR0099

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: OZAR0100

NPS Station ID: OZAR0100 | LAT/LON: 37.452226/ -91.680559 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: MONTAUK - BELOW | FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MONB
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. AKERMAN OF THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION IN FORT COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00600	NITROGEN, TOTAL (MG/L AS N)	06/25/91-06/25/91	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/25/91-06/25/91	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/91-06/25/91	3	55.	141.667	370.	0.	39858.333	199.646	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/91-06/25/91	3	1.74	1.436	2.568	0.	1.718	1.311	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.302								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/09/91-06/25/91	3	100.	463.333	1240.	50.	453033.333	673.078	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/09/91-06/25/91	3	2.	2.264	3.093	1.699	0.538	0.734	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			183.709								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/25/91-06/25/91	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: OZAR0100

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33				1	1	1.00	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: OZAR0101

NPS Station ID: OZAR0101
LAT/LON: 37.460004/ -91.681392
Agency: 112WRD
Date Created: / /
Location: CURRENT RIVER BELOW MONTAUK SPRINGS
FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07064420
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008038
RF1 Mile Point: 3.490
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008003804.19
RF3 Mile Point: 4.71
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/73-07/09/74	5	14.	13.6	14.5	12.	0.925	0.962	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/73-10/15/73	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/73-07/09/74	5	110.	126.	212.	83.	2502.5	50.025	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/73-07/30/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/02/73-07/30/73	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/73-07/09/74	5	278.	259.2	287.	192.	1554.7	39.43	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/02/73-07/09/74	5	8.7	8.66	9.4	8.	0.268	0.518	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/02/73-07/09/74	5	84.	82.6	87.	77.	16.3	4.037	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/02/73-07/30/73	3	2.	3.667	8.	1.	14.333	3.786	**	**	**	**
00400	PH (STANDARD UNITS)	04/02/73-07/09/74	5	7.3	7.32	7.7	7.	0.067	0.259	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/02/73-07/09/74	5	7.3	7.263	7.7	7.	0.071	0.267	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/02/73-07/09/74	5	0.05	0.055	0.1	0.02	0.001	0.03	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/02/73-07/09/74	5	11.	12.6	24.	5.5	53.675	7.326	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/02/73-07/09/74	5	125.	119.8	141.	77.	660.7	25.704	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/02/73-07/09/74	5	152.	146.	172.	94.	976.	31.241	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/02/73-07/09/74	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/18/73-07/09/74	4	0.9	0.905	1.1	0.72	0.024	0.155	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/02/73-07/09/74	5	0.	0.06	0.16	0.	0.007	0.082	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/02/73-07/09/74	5	0.03	0.04	0.09	0.01	0.001	0.03	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/18/73-07/09/74	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/02/73-07/09/74	5	0.72	0.754	0.93	0.56	0.02	0.14	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/02/73-07/09/74	5	0.05	0.094	0.19	0.01	0.006	0.08	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/73-07/09/74	4	0.78	0.803	0.93	0.72	0.01	0.102	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/02/73-07/09/74	5	0.01	0.018	0.05	0.003	0.	0.019	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/02/73-10/15/73	4	0.008	0.014	0.04	0.002	0.	0.017	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/02/73-07/30/73	2	116.5	116.5	150.	83.	2244.5	47.376	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/02/73-07/30/73	2	6.	6.	6.	6.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/02/73-07/30/73	2	24.5	24.5	31.	18.	84.5	9.192	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/02/73-07/30/73	2	13.15	13.15	17.	9.3	29.645	5.445	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/02/73-07/30/73	2	1.9	1.9	2.4	1.4	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/02/73-07/30/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/02/73-07/30/73	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/02/73-07/30/73	2	1.05	1.05	1.1	1.	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/02/73-07/30/73	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/02/73-07/30/73	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/02/73-07/30/73	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/02/73-07/30/73	2	8.45	8.45	8.9	8.	0.405	0.636	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/02/73-07/30/73	2 ##	42.5	42.5	80.	5.	2812.5	53.033	**	**	**	**

** - 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: OZAR0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/02/73-07/30/73	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/02/73-04/02/73	1	280.	280.	280.	280.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/02/73-04/02/73	1	2.447	2.447	2.447	2.447	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			280.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/73-07/09/74	5	13.	61.4	260.	4.	12354.3	111.15	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/73-07/09/74	5	1.114	1.29	2.415	0.602	0.458	0.677	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.509								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/02/73-07/09/74	5	52.	198.	780.	22.	107086.	327.24	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/02/73-07/09/74	5	1.716	1.881	2.892	1.342	0.396	0.629	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			76.099								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/02/73-07/30/73	2	0.02	0.02	0.04	0.	0.001	0.028	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/02/73-07/30/73	2	130.	130.	160.	100.	1800.	42.426	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/02/73-07/30/73	2	123.5	123.5	153.	94.	1740.5	41.719	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/02/73-07/30/73	2	46.55	46.55	57.2	35.9	226.845	15.061	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/02/73-07/30/73	2	0.18	0.18	0.22	0.14	0.003	0.057	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/18/73-07/09/74	4	3.95	4.	4.9	3.2	0.487	0.698	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0101

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00				3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00				3	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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	1	0.20	1	1	1.00	1	0	0.00	3	0	0.00			

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

Station Inventory for Station: OZAR0102

NPS Station ID: OZAR0102 | LAT/LON: 37.450837/ -91.681948 | Agency: 11NPSWRD | Date Created: 06/10/95
Location: MONTAUK - ABOVE | FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): MONA
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. AKERMAN OF THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION IN FORT COLLINS ON 9 JUNE 1995. DATA PROCESSED USING EXCEL 4.0 AND DBASE IV.

Parameter Inventory for Station: OZAR0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/25/91-06/25/91	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/12/91-06/25/91	2	7.795	7.795	7.86	7.73	0.008	0.092	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/12/91-06/25/91	2	7.79	7.79	7.86	7.73	0.008	0.092	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/91-06/25/91	2	0.016	0.016	0.019	0.014	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/91-06/25/91	2	128.5	128.5	134.	123.	60.5	7.778	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/91-04/09/91	1	443.	443.	443.	443.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/91-04/09/91	1	2.646	2.646	2.646	2.646	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			443.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/09/91-04/09/91	1	820.	820.	820.	820.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/09/91-04/09/91	1	2.914	2.914	2.914	2.914	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			820.								

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

EPA Water Quality Criteria Analysis for Station: OZAR0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00				1	1	1.00						

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

Station Inventory for Station: OZAR0103

NPS Station ID: OZAR0103
LAT/LON: 37.460559/ -91.682781
Agency: 112WRD
Date Created: 02/28/78
Location: 032N007W22ADD1
FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372738091405802
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008038
RF1 Mile Point: 3.600
Distance from RF1: 0.20
On/Off RF1: ON
RF3 Index: 11010008093000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/26/71-04/26/71	1	295.	295.	295.	295.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/26/71-04/26/71	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/26/71-04/26/71	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/71-04/26/71	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/71-04/26/71	1	129.	129.	129.	129.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/26/71-04/26/71	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/26/71-04/26/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/26/71-04/26/71	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/71-04/26/71	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/26/71-04/26/71	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/26/71-04/26/71	1	29.8	29.8	29.8	29.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/26/71-04/26/71	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/26/71-04/26/71	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/26/71-04/26/71	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/71-04/26/71	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/26/71-04/26/71	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/26/71-04/26/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/26/71-04/26/71	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/26/71-04/26/71	1	167.	167.	167.	167.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/26/71-04/26/71	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	04/26/71-04/26/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	04/26/71-04/26/71	1	120.	120.	120.	120.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			

& - 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: OZAR0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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			
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: OZAR0104

NPS Station ID: OZAR0104
LAT/LON: 37.460559/ -91.682781
Agency: 112WRD
Date Created: 02/28/78
Location: T32N R07W 22ADD1
FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372738091405800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008038
RF1 Mile Point: 3.600
Distance from RF1: 0.90
On/Off RF1: ON
RF3 Index: 11010008012600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/68-09/23/68	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/25/67-09/23/68	3	2.	3.333	7.	1.	10.333	3.215	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/67-09/23/68	4	263.	259.	287.	223.	1056.667	32.506	**	**	**	**
00400	PH (STANDARD UNITS)	10/25/67-09/23/68	4	7.45	7.475	7.6	7.4	0.009	0.096	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/25/67-09/23/68	4	7.447	7.467	7.6	7.4	0.009	0.096	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/67-09/23/68	4	0.036	0.034	0.04	0.025	0.	0.007	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/25/67-09/23/68	5	155.	157.	177.	132.	399.5	19.987	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/25/67-09/23/68	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/67-09/23/68	3	0.66	0.603	0.72	0.43	0.023	0.153	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/25/67-09/23/68	3	0.	0.007	0.02	0.	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/67-09/23/68	3	0.	0.002	0.007	0.	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/67-09/23/68	5	136.	135.6	152.	113.	265.3	16.288	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/25/67-09/23/68	4	5.5	6.25	10.	4.	6.917	2.63	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/67-09/23/68	5	28.	28.8	32.	26.	6.7	2.588	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/67-09/23/68	5	16.	15.4	18.	11.	7.3	2.702	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/67-09/23/68	3	1.7	1.7	1.9	1.5	0.04	0.2	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/67-09/23/68	3	1.	1.133	1.5	0.9	0.103	0.321	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/25/67-09/23/68	3	3.	2.333	3.	1.	1.333	1.155	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/25/67-09/23/68	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/25/67-09/23/68	3	0.	0.033	0.1	0.	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/25/67-09/23/68	3	8.	8.6	9.9	7.9	1.27	1.127	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/67-09/23/68	3	162.	149.	162.	123.	507.	22.517	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/25/67-09/23/68	3	156.	145.	157.	122.	397.	19.925	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/25/67-09/23/68	3	2.9	2.667	3.2	1.9	0.463	0.681	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/25/67-09/23/68	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/23/68-09/23/68	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: OZAR0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OZAR0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	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: OZAR0105

NPS Station ID: OZAR0105
LAT/LON: 37.460004/ -91.683060
Agency: 112WRD
Date Created: 02/17/78
Location: MONTAUK SPRINGS AT MONTAUK, MO
FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 07064400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008038
RF1 Mile Point: 3.600
Distance from RF1: 14.20
On/Off RF1: ON
RF3 Index: 11010008091600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.45
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/74-10/21/93	34	13.5	13.653	15.	12.	0.367	0.606	13.	13.075	14.	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	20	764.	759.55	780.	659.	599.418	24.483	756.1	759.25	768.75	776.3
00060	FLOW, STREAM, MEAN DAILY CFS	05/06/77-05/06/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/74-10/21/93	34	72.5	81.294	151.	8.	1107.305	33.276	42.5	60.	103.	133.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/74-10/21/93	34	282.5	271.765	346.	177.	1988.064	44.588	203.	228.	307.	323.5
00300	OXYGEN, DISSOLVED MG/L	07/09/74-10/21/93	34	8.4	8.468	10.3	6.9	0.743	0.862	7.4	7.8	9.1	9.75
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/09/74-06/29/82	14	80.5	78.5	87.	66.	33.5	5.788	68.5	74.5	82.25	85.5
00400	PH (STANDARD UNITS)	07/09/74-10/21/93	34	7.4	7.379	7.7	6.9	0.037	0.193	7.15	7.208	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/09/74-10/21/93	34	7.4	7.337	7.7	6.9	0.039	0.198	7.15	7.207	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/74-10/21/93	34	0.04	0.046	0.126	0.02	0.	0.022	0.02	0.032	0.062	0.071
00405	CARBON DIOXIDE (MG/L AS CO2)	07/09/74-09/21/81	13	10.	11.877	30.	6.1	40.529	6.366	6.3	7.85	12.5	25.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/74-09/30/92	32	138.5	135.844	206.	82.	676.33	26.006	98.	122.25	155.	163.1
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/06/86-04/29/93	13	141.	138.615	168.	98.	441.756	21.018	100.4	127.	156.	164.8
00440	BICARBONATE ION (MG/L AS HCO3)	07/09/74-05/23/89	19	160.	165.474	205.	100.	761.152	27.589	120.	154.	190.	200.
00445	CARBONATE ION (MG/L AS CO3)	07/09/74-05/23/89	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	05/06/86-09/30/92	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	05/06/86-09/30/92	12	174.	173.25	205.	127.	471.295	21.709	135.1	157.	192.5	202.
00600	NITROGEN, TOTAL (MG/L AS N)	07/09/74-06/29/82	12	1.	1.037	1.6	0.67	0.081	0.285	0.715	0.825	1.225	1.57
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/09/74-09/21/81	11	0.12	0.195	0.85	0.	0.062	0.249	0.004	0.04	0.17	0.772
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/29/93-04/29/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/74-10/21/93	31	0.01	0.019	0.09	0.005	0.	0.02	0.005	0.005	0.03	0.054
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/29/93-04/29/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/74-10/21/93	32 ##	0.005	0.008	0.02	0.	0.	0.005	0.005	0.005	0.01	0.017
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/74-09/21/81	13	0.78	0.79	0.96	0.62	0.011	0.107	0.644	0.69	0.885	0.944
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/74-10/21/93	33	0.14	0.505	7.8	0.03	1.786	1.336	0.1	0.1	0.45	0.848
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/74-10/21/93	32	0.84	0.821	1.	0.57	0.016	0.127	0.612	0.708	0.915	1.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/29/93-04/29/93	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/15/79-05/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/74-10/21/93	32	0.01	0.017	0.07	0.005	0.	0.015	0.005	0.01	0.02	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/93-04/29/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/04/79-09/04/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/04/79-09/04/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/75-10/21/93	31 ##	0.5	1.226	10.	0.	5.897	2.428	0.	0.5	0.5	2.8
01051	LEAD, TOTAL (UG/L AS PB)	09/23/75-10/21/93	31	2.5	15.694	140.	0.5	1179.895	34.35	0.5	1.	5.	89.8
01077	SILVER, TOTAL (UG/L AS AG)	09/23/75-10/21/93	32 ##	0.5	1.	10.	0.	5.661	2.379	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/75-10/21/93	32 ##	10.	15.	70.	0.	293.548	17.133	5.	5.	20.	37.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/74-09/24/76	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/74-09/24/76	2 ##	0.088	0.088	0.477	-0.301	0.303	0.55	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: OZAR0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.225								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/06/77-10/21/93	31	14.	28.226	280.	1.	2581.381	50.807	3.2	6.	25.	73.6
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/06/77-10/21/93	31	1.146	1.139	2.447	0.	0.256	0.506	0.502	0.778	1.398	1.859
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			13.764								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/06/77-10/21/93	29	37.	117.31	1300.	3.	71704.65	267.777	6.	16.5	88.	180.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/06/77-10/21/93	29	1.568	1.592	3.114	0.477	0.352	0.594	0.778	1.217	1.94	2.255
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			39.04								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/09/74-09/24/76	2	18.5	18.5	19.	18.	0.5	0.707	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/09/74-09/24/76	2	1.267	1.267	1.279	1.255	0.	0.017	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			18.493								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-10/21/93	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/15/79-08/26/80	4	0.04	0.098	0.3	0.01	0.019	0.138	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/15/79-09/10/85	13	0.06	0.109	0.55	0.03	0.021	0.145	0.03	0.03	0.15	0.414
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/09/74-06/29/82	14	4.55	7.107	39.	3.	85.631	9.254	3.3	3.675	5.975	23.
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	06/09/81-06/09/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0105

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-4/20----------			----------4/21-7/31----------			--------------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.	34	0	0.00	17	0	0.00	1	0	0.00	16	0	0.00			
00400	PH	Other-Hi Lim.	9.	34	0	0.00	17	0	0.00	1	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	34	0	0.00	17	0	0.00	1	0	0.00	16	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	16	0	0.00	1	0	0.00	15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	7	0	0.00				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	32	0	0.00	16	0	0.00	1	0	0.00	15	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	29 &	0	0.00	13	0	0.00	1	0	0.00	15	0	0.00			
		Drinking Water	5.	29 &	0	0.00	13	0	0.00	1	0	0.00	15	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	29 &	1	0.03	13	0	0.00	1	0	0.00	15	1	0.07			
		Drinking Water	15.	29 &	3	0.10	13	1	0.08	1	0	0.00	15	2	0.13			
01077	SILVER, TOTAL	Fresh Acute	4.1	30 &	0	0.00	14	0	0.00	1	0	0.00	15	0	0.00			
		Drinking Water	100.	32	0	0.00	16	0	0.00	1	0	0.00	15	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	32	0	0.00	16	0	0.00	1	0	0.00	15	0	0.00			
		Drinking Water	5000.	32	0	0.00	16	0	0.00	1	0	0.00	15	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	31	1	0.03	15	0	0.00	1	0	0.00	15	1	0.07			

& - 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: 8/01 to 10/31 - Station OZAR0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/74-10/21/93	17	14.	13.776	15.	13.	0.336	0.579	13.	13.3	14.	14.6
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	10	765.5	766.8	780.	757.	56.178	7.495	757.1	761.	771.75	779.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/74-10/21/93	17	68.	63.529	95.	42.	247.39	15.729	42.	48.5	74.	85.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/74-10/21/93	17	302.	305.059	346.	263.	447.434	21.153	271.8	293.5	318.	334.8
00300	OXYGEN, DISSOLVED MG/L	07/09/74-10/21/93	17	7.8	8.118	10.	6.9	0.764	0.874	6.98	7.55	8.65	9.76
00400	PH (STANDARD UNITS)	07/09/74-10/21/93	17	7.4	7.416	7.7	7.2	0.024	0.156	7.2	7.28	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/09/74-10/21/93	17	7.4	7.391	7.7	7.2	0.025	0.158	7.2	7.28	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/74-10/21/93	17	0.04	0.041	0.063	0.02	0.	0.014	0.02	0.032	0.053	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/74-09/30/92	16	150.5	151.063	167.	130.	98.196	9.909	134.9	147.	157.75	164.9
00440	BICARBONATE ION (MG/L AS HCO3)	07/09/74-05/23/89	10	187.5	185.4	205.	160.	174.044	13.193	161.2	178.	194.	204.5
00445	CARBONATE ION (MG/L AS CO3)	07/09/74-05/23/89	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/74-10/21/93	15 ##	0.005	0.015	0.09	0.005	0.	0.022	0.005	0.005	0.02	0.048
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/74-10/21/93	16 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.009	0.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/74-10/21/93	16	0.155	0.269	0.8	0.05	0.051	0.227	0.085	0.1	0.463	0.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/74-10/21/93	16	0.9	0.873	1.	0.68	0.012	0.108	0.68	0.803	0.983	1.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/74-10/21/93	16	0.015	0.016	0.05	0.005	0.	0.011	0.005	0.006	0.02	0.029
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/75-10/21/93	15 ##	0.5	1.767	10.	0.	11.424	3.38	0.	0.	1.	10.
01051	LEAD, TOTAL (UG/L AS PB)	09/23/75-10/21/93	15	2.5	18.367	100.	0.5	1244.588	35.279	0.5	1.	5.	100.
01077	SILVER, TOTAL (UG/L AS AG)	09/23/75-10/21/93	16 ##	0.5	1.563	10.	0.	10.929	3.306	0.	0.	0.5	10.
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/75-10/21/93	16 ##	7.5	18.75	70.	0.	521.667	22.84	0.	5.	27.5	70.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/06/77-10/21/93	15	14.	22.467	80.	1.	679.267	26.063	1.6	5.	24.	80.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/06/77-10/21/93	15	1.146	1.079	1.903	0.	0.292	0.541	0.181	0.699	1.38	1.903
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			11.987								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/06/77-10/21/93	13	36.	47.308	130.	9.	1533.231	39.156	12.2	19.	51.5	130.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/06/77-10/21/93	13	1.556	1.557	2.114	0.954	0.11	0.332	1.065	1.278	1.708	2.114
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			36.048								

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

Seasonal Analysis for Season #2: 11/01 to 4/20 - Station OZAR0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/74-10/21/93	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	1	766.	766.	766.	766.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/74-10/21/93	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/74-10/21/93	1	305.	305.	305.	305.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/74-10/21/93	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/74-10/21/93	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/74-10/21/93	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/74-10/21/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/74-09/30/92	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/74-10/21/93	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/74-10/21/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/74-10/21/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/74-10/21/93	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/74-10/21/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/75-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/23/75-10/21/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/23/75-10/21/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/75-10/21/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/06/77-10/21/93	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/06/77-10/21/93	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/06/77-10/21/93	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/06/77-10/21/93	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			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: 4/21 to 7/31 - Station OZAR0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/74-10/21/93	16	13.5	13.531	14.5	12.	0.416	0.645	12.7	13.	14.	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	05/24/83-10/21/93	9	760.	750.778	769.	659.	1202.944	34.683	659.	757.5	766.5	769.
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/74-10/21/93	16	104.	100.625	151.	8.	1412.383	37.582	44.4	71.	132.	143.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/74-10/21/93	16	228.	234.313	290.	177.	1070.363	32.716	193.1	208.25	263.	283.
00300	OXYGEN, DISSOLVED MG/L	07/09/74-10/21/93	16	8.7	8.837	10.3	7.4	0.536	0.732	7.96	8.4	9.475	9.95
00400	PH (STANDARD UNITS)	07/09/74-10/21/93	16	7.3	7.319	7.7	6.9	0.044	0.21	7.04	7.2	7.5	7.63
00400	CONVERTED PH (STANDARD UNITS)	07/09/74-10/21/93	16	7.3	7.272	7.7	6.9	0.047	0.216	7.04	7.2	7.5	7.63
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/74-10/21/93	16	0.05	0.053	0.126	0.02	0.001	0.027	0.024	0.032	0.063	0.093
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/74-09/30/92	15	122.	119.267	206.	82.	831.352	28.833	88.6	98.	130.	163.4
00440	BICARBONATE ION (MG/L AS HCO3)	07/09/74-05/23/89	9	154.	143.333	160.	100.	469.	21.656	100.	125.	160.	160.
00445	CARBONATE ION (MG/L AS CO3)	07/09/74-05/23/89	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/74-10/21/93	15	0.02	0.023	0.06	0.005	0.	0.019	0.005	0.005	0.03	0.06
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/74-10/21/93	15 ##	0.005	0.007	0.02	0.	0.	0.005	0.003	0.005	0.01	0.014
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/74-10/21/93	16	0.135	0.768	7.8	0.03	3.614	1.901	0.079	0.1	0.7	3.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/74-10/21/93	15	0.77	0.76	0.97	0.57	0.016	0.126	0.588	0.64	0.88	0.946
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/74-10/21/93	15	0.01	0.019	0.07	0.005	0.	0.018	0.005	0.01	0.02	0.058
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/75-10/21/93	15 ##	0.5	0.733	3.	0.	0.602	0.776	0.	0.5	0.5	2.4
01051	LEAD, TOTAL (UG/L AS PB)	09/23/75-10/21/93	15	3.	14.	140.	0.5	1257.607	35.463	0.5	0.5	9.	71.
01077	SILVER, TOTAL (UG/L AS AG)	09/23/75-10/21/93	15 ##	0.5	0.433	1.	0.	0.102	0.32	0.	0.	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/75-10/21/93	15	10.	11.667	30.	5.	55.952	7.48	5.	5.	20.	24.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/06/77-10/21/93	15	17.	35.467	280.	3.	4725.267	68.741	3.6	8.	32.	139.6
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/06/77-10/21/93	15	1.23	1.223	2.447	0.477	0.235	0.484	0.552	0.903	1.505	1.977
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			16.704								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/06/77-10/21/93	15	50.	185.467	1300.	3.	131666.695	362.859	4.8	12.	140.	982.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/06/77-10/21/93	15	1.699	1.681	3.114	0.477	0.544	0.738	0.658	1.079	2.146	2.977
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			47.975								

** - Less than 9 observations ## - Computed 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: OZAR0106

NPS Station ID: OZAR0106
LAT/LON: 37.458338/ -91.683893
Agency: 112WRD
Date Created: 02/28/78
Location: T32N R07W 22DAA1
FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372730091410201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008038
RF1 Mile Point: 3.990
Distance from RF1: 22.20
On/Off RF1: ON
RF3 Index: 11010008075901.40
RF3 Mile Point: 2.67
Distance from RF3: 0.19
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/71-04/16/71	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/71-04/16/71	1	275.	275.	275.	275.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/16/71-04/16/71	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/16/71-04/16/71	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/71-04/16/71	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/71-04/16/71	1	131.	131.	131.	131.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/16/71-04/16/71	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/16/71-04/16/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/71-04/16/71	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/71-04/16/71	1	126.	126.	126.	126.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/16/71-04/16/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/16/71-04/16/71	1	29.2	29.2	29.2	29.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/71-04/16/71	1	12.9	12.9	12.9	12.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/16/71-04/16/71	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/71-04/16/71	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/71-04/16/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/71-04/16/71	1	3.	3.	3.	3.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/71-04/16/71	1	153.	153.	153.	153.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/16/71-04/16/71	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	04/16/71-04/16/71	1	850.	850.	850.	850.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
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: OZAR0107

NPS Station ID: OZAR0107
LAT/LON: 37.463337/ -91.687505
Agency: 112WRD
Date Created: 02/28/78
Location: T32N R07W 22A
FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 372748091411501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008038
RF1 Mile Point: 4.440
Distance from RF1: 0.20
On/Off RF1: ON
RF3 Index: 11010008093000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/71-04/16/71	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/71-04/16/71	1	275.	275.	275.	275.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/16/71-04/16/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/16/71-04/16/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/71-04/16/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/71-04/16/71	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/16/71-04/16/71	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/16/71-04/16/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/71-04/16/71	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/71-04/16/71	1	126.	126.	126.	126.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/16/71-04/16/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/16/71-04/16/71	1	29.2	29.2	29.2	29.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/71-04/16/71	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/16/71-04/16/71	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/71-04/16/71	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/71-04/16/71	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/71-04/16/71	1	4.	4.	4.	4.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/71-04/16/71	1	153.	153.	153.	153.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/16/71-04/16/71	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
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: OZAR0108

NPS Station ID: OZAR0108
LAT/LON: 37.456670/ -91.695560
Agency: 112WRD
Date Created: / /
Location: PIGEON CREEK AT MONTAUK, MO
FIPS State/County: 29065 MISSOURI/DENT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07064100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008038
RF1 Mile Point: 4.190
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008165200.00
RF3 Mile Point: 0.76
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/74-07/09/74	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/65-10/14/65	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/74-07/09/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/65-10/14/65	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/14/65-07/09/74	2	274.5	274.5	290.	259.	480.5	21.92	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/74-07/09/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/09/74-07/09/74	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/14/65-07/09/74	2	7.5	7.5	7.8	7.2	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/14/65-07/09/74	2	7.404	7.404	7.8	7.2	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/65-07/09/74	2	0.039	0.039	0.063	0.016	0.001	0.033	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/09/74-07/09/74	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/14/65-07/09/74	2	134.5	134.5	148.	121.	364.5	19.092	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/14/65-07/09/74	2	164.	164.	180.	148.	512.	22.627	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/14/65-07/09/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/09/74-07/09/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/74-07/09/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/74-07/09/74	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/74-07/09/74	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/74-07/09/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/14/65-10/14/65	1	149.	149.	149.	149.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/14/65-10/14/65	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/14/65-10/14/65	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/14/65-10/14/65	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/14/65-10/14/65	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/14/65-10/14/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/14/65-10/14/65	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/65-10/14/65	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/65-10/14/65	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/65-10/14/65	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/14/65-10/14/65	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/14/65-10/14/65	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/14/65-10/14/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/74-07/09/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/74-07/09/74	1	1.544	1.544	1.544	1.544	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			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

Parameter Inventory for Station: OZAR0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/09/74-07/09/74	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/09/74-07/09/74	1	2.041	2.041	2.041	2.041	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			110.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/14/65-10/14/65	1	159.	159.	159.	159.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/14/65-10/14/65	1	151.	151.	151.	151.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/65-10/14/65	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/14/65-10/14/65	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/14/65-10/14/65	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/14/65-10/14/65	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/09/74-07/09/74	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
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									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OZAR0109

NPS Station ID: OZAR0109
LAT/LON: 37.063892/ -91.697226
Agency: 112WRD
Date Created: 02/20/76
Location: JACKS FORK ABOVE VFW CAMPGROUND
FIPS State/County: 29215 MISSOURI/TEXAS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07065180
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11010008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11010008044
RF1 Mile Point: 25.810
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 11010008004423.04
RF3 Mile Point: 23.03
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: OZAR0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/74-07/09/74	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/74-07/09/74	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/74-07/09/74	1	402.	402.	402.	402.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/74-07/09/74	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/09/74-07/09/74	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/74-07/09/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/74-07/09/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/74-07/09/74	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/09/74-07/09/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/74-07/09/74	1	194.	194.	194.	194.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/09/74-07/09/74	1	236.	236.	236.	236.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/09/74-07/09/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/09/74-07/09/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/74-07/09/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/74-07/09/74	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/74-07/09/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/74-07/09/74	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/74-07/09/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/74-07/09/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/74-07/09/74	1	0.903	0.903	0.903	0.903	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/09/74-07/09/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/09/74-07/09/74	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			30.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/09/74-07/09/74	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: OZAR0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 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			

& - 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: OZAR0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OZAR0110

NPS Station ID: OZAR0110 | LAT/LON: 37.076809/ -91.731920 | Agency: 11NPSWRD | Date Created: 06/24/95
Location: JACKS FORK - NORTH PRONG | FIPS State/County: 29215 MISSOURI/TEXAS
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): JFNP
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FORK - NORTH PRONG AT THE CONFLUENCE WITH THE JACKS FORK - SOUTH PRONG.

Parameter Inventory for Station: OZAR0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00600	NITROGEN, TOTAL (MG/L AS N)	11/20/91-03/04/92	4	0.305	0.335	0.62	0.11	0.048	0.22	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/91-01/07/92	3	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/91-03/04/92	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/91-03/04/92	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/23/91-03/04/92	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/23/91-03/04/92	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/23/91-03/04/92	5	0.6	0.72	1.4	0.3	0.167	0.409	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0110

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	1	0	0.00	4	0	0.00						

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

Station Inventory for Station: OZAR0111

NPS Station ID: OZAR0111 | LAT/LON: 37.076782/ -91.732309 | Agency: 11NPSWRD | Date Created: 06/24/95
Location: JACKS FORK - SOUTH PRONG | FIPS State/County: 29215 MISSOURI/TEXAS
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): JFSP
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11010008 | Depth of Water: 0 | Aquifer:
Major Basin: S. CENTRAL LOWER MISS R. | Elevation: 0 | Water Body Id:
Minor Basin: LOWER MISS. RIVER - BIG BLACK RIVER | ECO Region:
RF1 Index: 11010008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 11010008119700.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.16 | On/Off RF3:
Description:
STATION IS THE RESPONSIBILITY OF MIKE GOSSETT - OZARK NATIONAL SCENIC RIVERWAYS - P.O. BOX 490 - VAN BUREN MISSOURI 63965. TELEPHONE NUMBERS: VOICE (314) 323-4236 FAX (314) 323-4140. STATION IS LOCATED ON THE JACKS FORK - SOUTH PRONG AT THE CONFLUENCE WITH THE JACKS FORK - NORTH PRONG.

Parameter Inventory for Station: OZAR0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00600	NITROGEN, TOTAL (MG/L AS N)	11/20/91-03/04/92	4	0.235	0.263	0.44	0.14	0.016	0.127	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/91-01/07/92	2	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/91-03/04/92	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/91-03/04/92	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/23/91-03/04/92	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/23/91-03/04/92	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10/23/91-03/04/92	5	0.5	0.52	0.9	0.3	0.062	0.249	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OZAR0111

				Total	Exceed	Prop.	8/01-10/31			11/01-4/20			4/21-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	1	0	0.00	4	0	0.00						

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

EPA Water Quality Criteria Analysis for Entire OZAR Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	84	1	0.01	26	0	0.00	27	0	0.00	31	1	0.03			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	0	0.00	6	0	0.00	3	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	693	0	0.00	310	0	0.00	80	0	0.00	303	0	0.00			
00400	PH	Other-Hi Lim.	9.	1411	0	0.00	521	0	0.00	158	0	0.00	732	0	0.00			
		Other-Lo Lim.	6.5	1411	1	0.00	521	0	0.00	158	0	0.00	732	1	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	50	0	0.00	20	0	0.00	17	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	50	0	0.00	20	0	0.00	17	0	0.00	13	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	245	0	0.00	63	0	0.00	20	0	0.00	162	0	0.00			
		Other-Lo Lim.	6.5	245	0	0.00	63	0	0.00	20	0	0.00	162	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	45	0	0.00	17	0	0.00	16	0	0.00	12	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	445	0	0.00	212	0	0.00	36	0	0.00	197	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	31	0	0.00	12	0	0.00	4	0	0.00	15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	362	0	0.00	142	0	0.00	31	0	0.00	189	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	420	0	0.00	194	0	0.00	33	0	0.00	193	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	46	0	0.00	17	0	0.00	16	0	0.00	13	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	182	0	0.00	54	0	0.00	72	0	0.00	56	0	0.00			
		Drinking Water	250.	182	0	0.00	54	0	0.00	72	0	0.00	56	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	174	0	0.00	50	0	0.00	72	0	0.00	52	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	149	0	0.00	46	0	0.00	56	0	0.00	47	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	50.	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	27	0	0.00	9	0	0.00	13	0	0.00	5	0	0.00			
		Drinking Water	50.	27	0	0.00	9	0	0.00	13	0	0.00	5	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	26	0	0.00	8	0	0.00	13	0	0.00	5	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	4.	24 &	0	0.00	13	0	0.00	6	0	0.00	5	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	35	0	0.00	14	0	0.00	14	0	0.00	7	0	0.00			
		Drinking Water	5.	35	0	0.00	14	0	0.00	14	0	0.00	7	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	292 &	9	0.03	125	0	0.00	29	0	0.00	138	9	0.07			
		Drinking Water	5.	292 &	6	0.02	125	0	0.00	29	0	0.00	138	6	0.04			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	27	0	0.00	9	0	0.00	13	0	0.00	5	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	36	1	0.03	15	1	0.07	14	0	0.00	7	0	0.00			
		Drinking Water	1300.	36	0	0.00	15	0	0.00	14	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	42	2	0.05	12	2	0.17	21	0	0.00	9	0	0.00			
		Drinking Water	1300.	42	0	0.00	12	0	0.00	21	0	0.00	9	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	35	0	0.00	14	0	0.00	14	0	0.00	7	0	0.00			
		Drinking Water	15.	35	1	0.03	14	1	0.07	14	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	312 &	10	0.03	136	4	0.03	35	0	0.00	141	6	0.04			
		Drinking Water	15.	308 &	29	0.09	132	7	0.05	35	0	0.00	141	22	0.16			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	100.	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	26	0	0.00	9	0	0.00	13	0	0.00	4	0	0.00			
		Drinking Water	100.	24 &	0	0.00	9	0	0.00	11	0	0.00	4	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	100.	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	286 &	1	0.00	132	1	0.01	18	0	0.00	136	0	0.00			
		Drinking Water	100.	315	1	0.00	149	1	0.01	27	0	0.00	139	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	35	0	0.00	14	0	0.00	14	0	0.00	7	0	0.00			
		Drinking Water	5000.	35	0	0.00	14	0	0.00	14	0	0.00	7	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	342	18	0.05	152	13	0.09	44	4	0.09	146	1	0.01			
		Drinking Water	5000.	342	0	0.00	152	0	0.00	44	0	0.00	146	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	6.	3	0	0.00	1	0	0.00	2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	25	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	50.	25	0	0.00	14	0	0.00	6	0	0.00	5	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			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
07000	TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Entire OZAR Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-4/20 Obs	11/01-4/20 Exceed	11/01-4/20 Prop.	4/21-7/31 Obs	4/21-7/31 Exceed	4/21-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	3	0	0.00	1	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	1	0.05				22	1	0.05						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1760	75	0.04	699	32	0.05	136	6	0.04	925	37	0.04			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	344	16	0.05	155	9	0.06	39	3	0.08	150	4	0.03			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	4	0	0.00	1	0	0.00				3	0	0.00			
38866	OXAMYL, DISSOLVED	Drinking Water	200.	3	0	0.00							3	0	0.00			
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	4	0	0.00	1	0	0.00				3	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	0.2	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	4	0	0.00	1	0	0.00				3	0	0.00			
		Drinking Water	0.2	4	0	0.00	1	0	0.00				3	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	2.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	1	0	0.00				3	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	3	0	0.00	3	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	2.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	6	0	0.00	3	0	0.00				3	0	0.00			
		Drinking Water	3.	6	0	0.00	3	0	0.00				3	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	0.4	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	0.2	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	3	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	6	0	0.00	3	0	0.00				3	0	0.00			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	4	0	0.00	1	0	0.00				3	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	4	0	0.00	1	0	0.00				3	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	4	0	0.00	1	0	0.00				3	0	0.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	56	0	0.00	19	0	0.00	8	0	0.00	29	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	12	0	0.00	2	0	0.00	8	0	0.00	2	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00							1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	11	0	0.00	8	0	0.00				3	0	0.00			
		Drinking Water	2.	11	0	0.00	8	0	0.00				3	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	36	0	0.00	9	0	0.00	20	0	0.00	7	0	0.00			
		Drinking Water	2.	36	0	0.00	9	0	0.00	20	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

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the OZAR Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the OZAR Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1344	912	292	140	75
00440	BICARBONATE ION (MG/L AS HCO3)	344	60	110	174	46
00445	CARBONATE ION (MG/L AS CO3)	341	60	110	171	46
		2029	1032	512	485	167 (79)[!]

pH		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	1412	890	306	216	99
00403	PH, LAB (STANDARD UNITS)	50	50	0	0	9
00406	PH, FIELD (STANDARD UNITS)	245	245	0	0	21
		1707	1185	306	216	129(103)[!]

Conductivity		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	1002	861	141	0	31
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	602	213	164	225	70
		1604	1074	305	225	101(101)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00300	OXYGEN, DISSOLVED (MG/L)	694	271	271	152	83
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	234	0	111	123	31
		928	271	382	275	114 (83)[!]

Water Temperature		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2131	1186	796	149	78
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	66	0	8	58	23
		2197	1186	804	207	101(101)[!]

Flow		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	1	1	0	0	1
00060	FLOW, STREAM, MEAN DAILY CFS	74	0	9	65	46
00061	FLOW, STREAM, INSTANTANEOUS CFS	474	196	155	123	36
00065	STAGE, STREAM (FEET)	26	25	1	0	3
		575	222	165	188	86 (54)[!]

[!]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 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	84	0	3	81	29
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	9	0	0	9	1
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	13	9	4	0	5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	12	0	0	3
		118	21	7	90	38 (33)[!]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	905	601	204	100	67
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	218	0	96	122	33
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	45	45	0	0	11
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	462	157	155	150	54
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	31	0	0	31	12
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	362	49	191	122	58
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	40	40	0	0	7
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	475	190	163	122	39
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	420	157	163	100	36
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	46	45	0	1	12
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	37	0	37	0	11
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	56	0	0	56	16
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12	0	0	12	4
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	1	0	0	1	1
		3110	1284	1009	817	361(104)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	37	0	13	24	15
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	16	0	0	16	7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1149	816	159	174	81
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	157	40	4	113	33
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	61	45	0	16	18
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	80	55	0	25	29
		1500	956	176	368	183 (91)[!]

Chlorophyll		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	523	523	0	0	25
		523	523	0	0	25 (25)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	137	0	13	124	43
00945	SULFATE, TOTAL (MG/L AS SO4)	174	50	9	115	48
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	153	53	4	96	42
		464	103	26	335	133 (49)[!]

Bacteria		Total Obs.	01/01/85 to 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	1195	933	262	0	0
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	22	0	0	22	22
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	1773	1042	584	147	89
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	345	200	145	0	16
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	1629	1163	443	23	68
		4964	3338	1434	192	195 (94)[!]

[!]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 04/12/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	3	3	0	0	2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	25	25	0	0	6
01002	ARSENIC, TOTAL (UG/L AS AS)	27	0	4	23	5
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	25	25	0	0	6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	35	35	0	0	8
01027	CADMIUM, TOTAL (UG/L AS CD)	324	158	143	23	14
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	25	25	0	0	6
01034	CHROMIUM, TOTAL (UG/L AS CR)	27	0	4	23	5
01040	COPPER, DISSOLVED (UG/L AS CU)	36	35	0	1	9
01042	COPPER, TOTAL (UG/L AS CU)	42	0	8	34	10
01049	LEAD, DISSOLVED (UG/L AS PB)	35	35	0	0	8
01051	LEAD, TOTAL (UG/L AS PB)	336	158	143	35	17
71890	MERCURY, DISSOLVED (UG/L AS HG)	11	11	0	0	3
71900	MERCURY, TOTAL (UG/L AS HG)	36	9	4	23	7
01065	NICKEL, DISSOLVED (UG/L AS NI)	25	25	0	0	6
01067	NICKEL, TOTAL (UG/L AS NI)	26	0	3	23	4
01145	SELENIUM, DISSOLVED (UG/L AS SE)	25	25	0	0	6
01147	SELENIUM, TOTAL (UG/L AS SE)	1	0	1	0	1
01075	SILVER, DISSOLVED (UG/L AS AG)	25	25	0	0	6
01077	SILVER, TOTAL (UG/L AS AG)	315	148	145	22	11
01090	ZINC, DISSOLVED (UG/L AS ZN)	35	35	0	0	8
01092	ZINC, TOTAL (UG/L AS ZN)	342	158	149	35	17
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	4	4	0	0	4
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	18	0	3	15	3
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	4	4	0	0	4
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	18	0	3	15	3
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3
34653	P,P'-DDE, DISSOLVED (UG/L)	4	4	0	0	4
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	4
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	18	0	3	15	3
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	6	0	3	3	3
		1983	951	637	395	214 (23)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	2029	1032	50.9	79	71.8	25.7	10/07/62-09/06/94	63.6
pH	1707	1185	69.4	103	93.6	16.6	06/20/61-04/12/95	50.5
Conductivity	1604	1074	67.0	101	91.8	15.9	03/27/61-04/12/95	47.1
Dissolved Oxygen	928	271	29.2	83	75.5	11.2	04/02/73-04/12/95	42.1
Water Temperature	2197	1186	54.0	101	91.8	21.8	03/27/61-04/12/95	64.5
Flow	575	222	38.6	54	49.1	10.6	10/07/62-04/12/95	17.7
Clarity/Turbidity	118	21	17.8	33	30.0	3.6	03/27/61-01/05/94	3.6
Nitrate/Nitrogen	3110	1284	41.3	104	94.5	29.9	04/25/61-03/21/95	91.7
Phosphate/Phosphorus	1500	956	63.7	91	82.7	16.5	04/25/61-03/21/95	44.2
Chlorophyll	523	523	100.0	25	22.7	20.9	08/08/88-09/06/94	86.0
Sulfates/Total Dissolved Solids/Hardness	464	103	22.2	49	44.5	9.5	10/07/62-03/21/95	14.3
Bacteria	4964	3338	67.2	94	85.5	52.8	04/02/73-04/12/95	225.3
Toxic Elements	1983	951	48.0	23	20.9	86.2	04/05/73-03/21/95	90.3

Water Quality Observations
Outside STORET Edit Criteria for OZAR

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
OZAR0001	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	671026		58.0000000	112WRD	365009090563100	x
OZAR0001	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	680123		55.0000000	112WRD	365009090563100	x
OZAR0004	00310	BOD, 5 DAY, 20 DEG C MG/L	740117	1420	176.0000000	112WRD	07067800	
OZAR0028	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	671026		58.0000000	112WRD	371105091103000	x
OZAR0071	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	671026		57.0000000	112WRD	370913091263200	x
OZAR0071	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	680123		56.0000000	112WRD	370913091263200	x
OZAR0073	00403	PH, LAB, STANDARD UNITS SU	930420	1430	0.0000000	112WRD	07065495	x
OZAR0104	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	671025		56.0000000	112WRD	372738091405800	x
OZAR0104	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	680122		56.0000000	112WRD	372738091405800	x

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) OZARTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) OZARSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) OZARAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) OZARAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) OZAROV0.DOC - Overview of park and retrieved data.

(e) OZAROV1.DOC - Station period of record table.

(f) OZAROV2.DOC - Parameter period of record table.

(g) OZAROV3.DOC - Station/parameter period of record table.

(h) OZARINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) OZARSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) OZAREPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) OZARIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) OZARBAD.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 OZAROV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\OZAROV1.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) OZARFIGS.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 OZAR0001. 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 OZAR0001) 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) OZARPARM.ZIP

This file compresses OZARPARM.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) OZARSITE.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) OZARWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) OZARIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) OZARDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) OZARGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) OZARDAMS.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) OZARMISC.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) OZAREXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) OZARTOC.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) OZARREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) OZARWQ - 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 (OZARWQA, OZARWQB, OZARWQC, etc.) and the index map name will end with an ampersand (&).

(g) OZARIDG - 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 (OZARIDGA, OZARIDGB, OZARIDGC, 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) OZARSEHY - 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 OZARFIGS.ZIP and OZARTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in OZARMISC.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) OZARRF3.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) OZARWQMW.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: OZARPARM.DBF in OZARPARM.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: OZARPARM.DBF in OZARPARM.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: OZARPARM.DBF in OZARPARM.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: OZARWQ.DBF in OZARSITE.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: OZARWQ.DBF in OZARSITE.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: OZARIFD.DBF in OZARSITE.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: OZARIFD.DBF in OZARSITE.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: OZARIFD.DBF in OZARSITE.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: OZARDRIN.DBF in OZARSITE.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: OZARDRIN.DBF in OZARSITE.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: OZARDRIN.DBF in OZARSITE.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: OZARGAGE.DBF in OZARSITE.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: OZARGAGE.DBF in OZARSITE.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: OZARDAMS.DBF in OZARSITE.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: OZARDAMS.DBF in OZARSITE.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: OZARDAMS.DBF in OZARSITE.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: OZARDAMS.DBF in OZARSITE.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 OZARRF3.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 OZARRF3.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 OZARRF3.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 OZARRF3.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 OZARRF3.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 OZARRF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

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
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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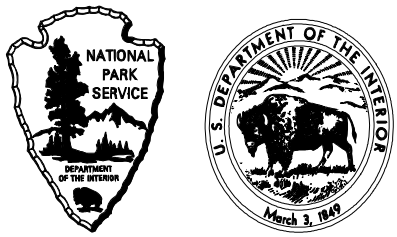
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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