Baseline Water Quality Data

Inventory and Analysis

Lake Meredith
National Recreation Area



Water Resources Division and Servicewide Inventory and Monitoring Program

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

LAKE MEREDITH NATIONAL RECREATION AREA

National Park Service
Water Resources Division
Fort Collins, CO 80525

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EXECUTIVE SUMMARY

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

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located no industrial/municipal dischargers; seven drinking water intakes; five active or inactive U. S. Geological Survey (USGS) and U.S. National Weather Service water gages (including lake and stream); and four water impoundments. The results of the STORET retrieval for the study area yielded 105,012 observations for 552 separate parameters collected by the NPS, USGS, EPA, and the Texas Natural Resource Conservation Commission at 87 monitoring stations from 1938 through 1998. Approximately 63 percent of the observations within the study area were reported by the NPS from 1965 through 1998, including routine monitoring data collected by the Canadian River Municipal Water Authority for the Canadian River Project from 1967 through 1998. Of the 87 monitoring stations, 60 stations were located within the park boundary (see Station Period of Record Tabulation). One EPA station within the study area (none within the park boundary) was established but contained no data.

Many of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Thirty-one stations within the study area (22 within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the park boundary are: (1) Lake Meredith-Intake Structure (LAMR 0006); (2) Lake Meredith-Alibates (LAMR 0059); (3) Lake Meredith at Sanford Dam (LAMR 0015); (4) Lake Meredith-Big Blue Canyon (LAMR 0052); and (5) Lake Meredith-North Turkey Creek (LAMR 0034). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) Canadian River near Amarillo (at the U. S. Route 87-287 Bridge) (LAMR 0082); (2) Bugbee Canyon (LAMR 0028); (3) Canadian River at the U. S. Route 87-287 Bridge (LAMR 0081); (4) East Amarillo Creek at the U. S. Route 87-287 Bridge (LAMR 0076); and (5) East Amarillo Creek at the U. S. Route 87-287 Bridge (LAMR 0077)[†].

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

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

the exceeded criteria in this report. The results of the LAMR water quality criteria screen found 16 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chloride, cadmium, copper, mercury, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Chloride, fluoride, sulfate, nitrate, nitrite, cadmium, lead, and mercury exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform, fecal coliform, and *E. coli*) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 4,959 times at 56 monitoring stations from 1964 through 1998. Of the 4,927 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 276 observations at 15 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life from 1964 through 1997. Approximately 92 percent of the observations exceeding the criterion were reported during depth sampling at five stations within the park in Lake Meredith near Sanford Dam (LAMR 0006, LAMR 0011, LAMR 0012, LAMR 0015, LAMR 0016) from 1967 through 1997.

The pH was measured 4,322 times at 51 monitoring stations from 1948 through 1998. Sixty-five observations at 11 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1959 through 1997. Forty-seven observations were greater than or equal to pH 9.0 and 18 observations were less than or equal to pH 6.5. Approximately 68 percent of the observations exceeding the criteria were reported from seven stations within the park in Lake Meredith (LAMR 0011, LAMR 0015, LAMR 0016, LAMR 0034, LAMR 0049, LAMR 0052, LAMR 0059) from 1967 through 1987, including the highest pH of 10.4 SU at Sanford Dam (LAMR 0015) and the lowest pH of 2.0 SU in the Alibates area (LAMR 0059), in May 1982 and September 1968, respectively.

Turbidity was measured 1,415 times at 34 monitoring stations from 1967 through 1998. Of the 1,414 observations used in the criteria analysis (see EPA Water Quality Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 193 observations at 20 stations exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1967 through 1998. Approximately 53 percent of the observations exceeding the criterion were reported at three stations in the Canadian River near the U. S. Route 87-287 Bridge (LAMR 0080, LAMR 0081, LAMR 0082) from 1968 through 1998, including the highest concentration of 24,000 FTU at the bridge (LAMR 0082) in June 1982.

Total coliform concentrations were measured 6,427 times at 37 monitoring stations from 1966 through 1998. Of the 6,354 observations used in the criteria analysis (see Remark Code screen in the Methodology for explanation), 143 observations at 14 stations exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1966 through 1993. Approximately 59 percent of the observations exceeding the criterion were reported at three stations, in East Amarillo Creek at the U. S. Route 87-287 Bridge (LAMR 0077) and the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0080, LAMR 0081) from 1966 through 1977, including the highest concentration of 200,000 CFU/100 ml in East Amarillo Creek at the U. S. Route 87-287 Bridge (LAMR 0077) in February 1970. Of the 14 observations exceeding the criterion since 1985, 12 observations were reported at two stations within the park in the Spring Canyon swimming area (LAMR 0003, LAMR 0007) during 1986 and 1989. Fecal coliform concentrations were measured 6,333 times at 36 monitoring stations from 1968 through 1998. Of the 6,293 observations used in the criteria analysis (see Remark Code screen in the Methodology for explanation), 247 observations at 24 stations equaled or exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1969 through 1997. The highest concentration of 70,000 CFU/100 ml was reported in East Amarillo Creek at the U. S. Route 87-287 Bridge (LAMR 0077) in January 1969. Of the 70 observations exceeding the criterion since 1985, 41 observations were reported at two stations within the park in the Spring Canyon swimming area (LAMR 0003, LAMR 0007) during 1986 and 1989. *E. coli* concentrations were measured 29 times at three monitoring stations (LAMR 0054, LAMR 0076, LAMR 0081) during 1997 and 1998. Five observations, ranging from 170 CFU/100 ml to at least 1,000 CFU/100 ml at two stations, in East Amarillo Creek at the U. S. Route 87-287 Bridge (LAMR 0076) and the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0081), exceeded the WRD bathing water screening criterion of 126 CFU/100 ml during 1997 and 1998. The highest concentration of at least 1,000

CFU/100 ml was reported in East Amarillo Creek at the U. S. Route 87-287 Bridge (LAMR 0076) in September 1997.

Chloride concentrations (including dissolved and total) were measured 3,541 times at 46 monitoring stations from 1948 through 1998. Two-thousand-one-hundred-seventy-one concentrations at 35 stations equaled or exceeded the secondary drinking water criterion of 250 mg/L from 1948 through 1998. Eighty-one of these 2,171 observations also exceeded the acute freshwater criterion of 860 mg/L from 1969 through 1998. Approximately 67 percent of the observations exceeding the criteria were reported at 26 stations within the park from 1965 through 1998. The highest concentration of 1,580 mg/L was reported in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0081) in January 1979.

Dissolved fluoride concentrations were measured 2,319 times at 28 monitoring stations from 1957 through 1998. Seven observations, ranging from 5 mg/L to 7 mg/L in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0082), exceeded the drinking water criterion of 4 mg/L from 1963 through 1971. The highest concentration of 7 mg/L was reported in November 1971.

Total sulfate concentrations were measured 3,140 times at 47 monitoring stations from 1948 through 1998. One-thousand-eight-hundred-twenty-three observations at 33 stations equaled or exceeded the secondary drinking water criterion of 250 mg/L from 1948 through 1998. Approximately 71 percent of the observations exceeding the criterion were reported at 25 stations within the park from 1967 through 1998. The highest concentration of 1,500 mg/L was reported in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0082) in June 1960.

Nitrate concentrations (including dissolved and total as N and dissolved and total as NO_3) were measured 2,647 times at 41 monitoring stations from 1948 through 1998. One-hundred-twenty-three concentrations at four stations, in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0080, LAMR 0081, LAMR 0082) and East Amarillo Creek at the U. S. Route 87-287 Bridge (LAMR 0076), exceeded the drinking water criteria of 10 mg/L for nitrate as N or 44 mg/L for nitrate as NO_3 from 1948 through 1994. Seven nitrate as N concentrations, ranging from 10.8 mg/L to 14 mg/L at three stations, in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0081, LAMR 0082) and East Amarillo Creek at the U. S. Route 87-287 Bridge (LAMR 0076), exceeded the drinking water criterion of 10 mg/L for nitrate as N from 1962 through 1994. One-hundred-sixteen nitrate as NO_3 concentrations at two stations in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0080, LAMR 0082) equaled or exceeded the drinking water criterion of 44 mg/L for nitrate as NO_3 from 1948 through 1973. Approximately 97 percent of the observations exceeding the criteria were reported in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0082) from 1948 through 1972, including the highest concentration of 98 mg/L for nitrate as NO_3, reported twice in November 1959.

Nitrite concentrations (including dissolved and total as N and dissolved and total as NO_2) were measured 468 times at 22 monitoring stations from 1963 through 1998. Seventeen concentrations in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0082) exceeded the drinking water criteria of 1 mg/L for nitrite as N or 3.3 mg/L for nitrite as NO_2 from 1963 through 1976. Eleven nitrite as N concentrations, ranging from 1.1 mg/L to 3.2 mg/L, exceeded the drinking water criterion of 1 mg/L for nitrite as N from 1963 through 1976. Six dissolved as NO_2 concentrations, ranging from 3.7 mg/L to 11 mg/L, exceeded the drinking water criterion of 3.3 mg/L for nitrite as NO_2 from 1963 through 1966. The highest concentration of 11 mg/L for nitrite as NO_2 was reported in March 1966.

Cadmium concentrations (including dissolved and total) were measured 93 times at 11 monitoring stations from 1970 through 1998. Of the 92 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), four concentrations of 5 micrograms per liter (µg/L) at four stations, within the park in Lake Meredith (LAMR 0004, LAMR 0048) and the Canadian River at or near the U. S. Route 87-287 Bridge (LAMR 0079, LAMR 0082), exceeded the acute freshwater criterion of 3.9 µg/L and equaled the drinking water criterion of 5.0 µg/L during 1972 and 1978.

Copper concentrations (including dissolved and total) were measured 97 times at 13 monitoring stations from 1970 through 1998. Two dissolved concentrations, 27 µg/L and 25 µg/L in the Canadian River at the U. S. Route 87-

287 Bridge (LAMR 0082), exceeded the acute freshwater criterion of 18 µg/L in May 1974 and February 1972, respectively.

Lead concentrations (including dissolved and total) were measured 90 times at eight monitoring stations from 1970 through 1998. One dissolved concentration of 26 µg/L in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0082) exceeded the drinking water criterion of 15 µg/L in May 1974.

Mercury concentrations (including dissolved and total) were measured 102 times at 11 monitoring stations from 1970 through 1998. One dissolved concentration of 3.6 µg/L in the Canadian River at the U. S. Route 87-287 Bridge (LAMR 0081) exceeded the drinking water criterion of 2.0 µg/L and the acute freshwater criterion of 2.4 µg/L in November 1989.

Zinc concentrations (including dissolved and total) were measured 100 times at 16 monitoring stations from 1970 through 1998. Four total concentrations of 200 µg/L at three stations, within the park in Lake Meredith (LAMR 0004, LAMR 0048) and the Canadian River near the U. S. Route 87-287 Bridge (LAMR 0079), exceeded the acute freshwater criterion of 120 µg/L during June 1971 and June 1972.

The IDEA conducted for LAMR indicates that STORET data exist for all 13 Level I parameter groups in the study area. For eight groups (Alkalinity, pH, Dissolved Oxygen, Water Temperature, Flow, Nitrate/Nitrogen, Phosphate/Phosphorus, and Sulfates/Total Dissolved Solids/Hardness) less than 25 percent of the observations were recorded since 1985. Overall, approximately 22 percent of the observations for Level I parameters were recorded since 1985. Data for four groups (Flow, Chlorophyll, Bacteria, and Toxic Elements) were recorded at less than half of the 86 monitoring stations with data. Relative to other parameter groups, data were limited for the groups Flow, Clarity/Turbidity, Phosphate/Phosphorus, Chlorophyll, and Toxic Elements. Results for 50 of the 126 EPA priority toxic pollutants (consisting of inorganic and organic parameters, metals, and pesticides) were retrieved from STORET.

Surface water resources in the LAMR study area include the Canadian River; Lake Meredith and many other smaller water impoundments; Alibates, Bugbee, East Amarillo, and numerous other creeks and washes; and Tincup, Pretty, Bullfrog, and other springs. Based on the data inventories and analyses contained in this report, surface water quality within the study area appears to have been impacted by human activities. Potential natural sources of contaminants include erosion from seasonal rainfall. Potential anthropogenic sources of contaminants include natural gas and oil production operations; stormwater runoff; recreational use; municipal and industrial wastewater discharges; quarrying and gravel pit operations; ranching activities; and atmospheric deposition.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

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

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

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

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

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

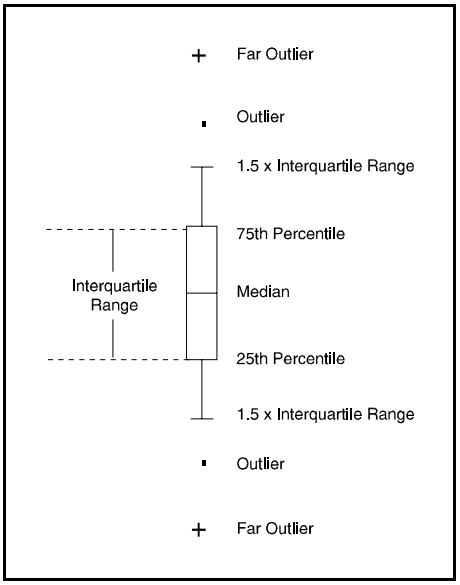
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR LAMR

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:	313785	41543
# STORET Stations:	87	60
# Stations With No Data:	1	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	31	22
Date of STORET Retrieval:	03/04/99	03/04/99
Period of Record:	07/19/38-06/23/98	02/01/65-06/01/98
# Parameters Measured:	552	477
# Water Quality Observations:	105012	74005
# Industrial/Municipal Facilities:	0	0
# Drinking Water Intakes:	7	7
# Water Gages:	5	1
# Water Impoundments:	4	1
# Total Plots:	160	97
# Time Series:	69	45
# Annual:	30	15
# Seasonal:	61	37

Hydrologic Definition of Seasons:

1. April 15 - October 31
2. November 1 - April 14

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 25 years and at least 225 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 22 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.

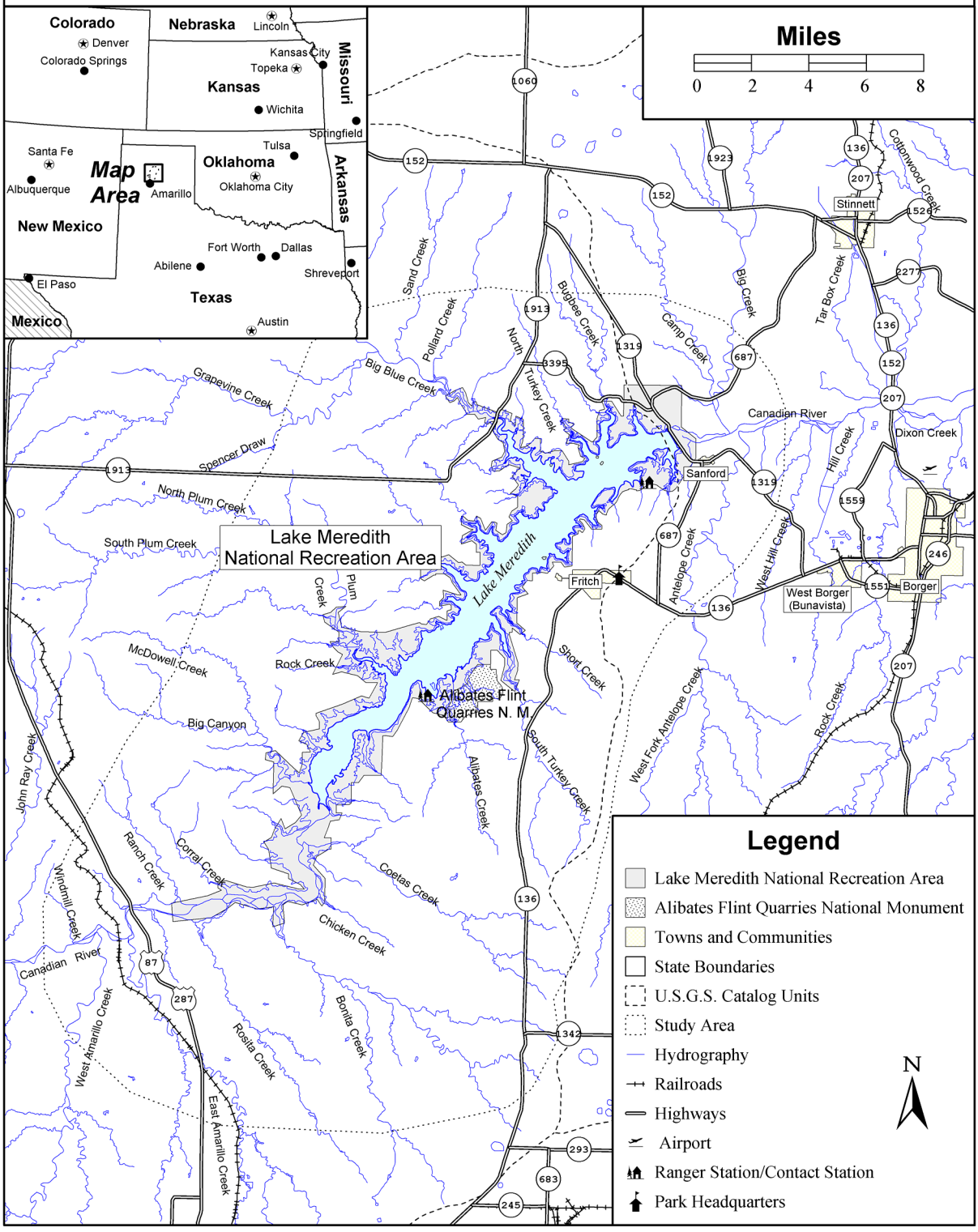
Seasonal Analysis Criteria:

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 30 years and observations in at least 6 of the 30 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.

Lake Meredith National Recreation Area

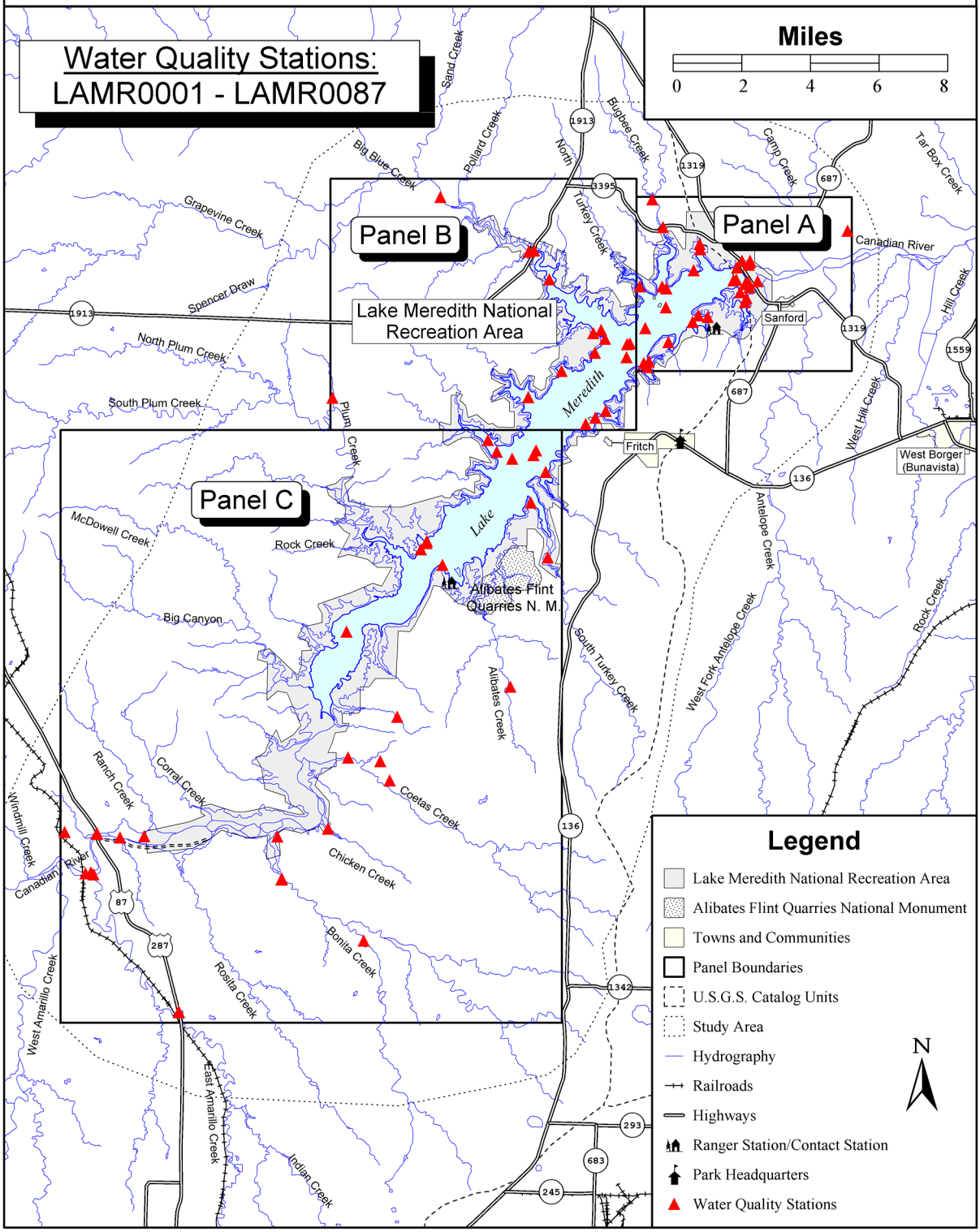
Regional Location Map



Lake Meredith National Recreation Area

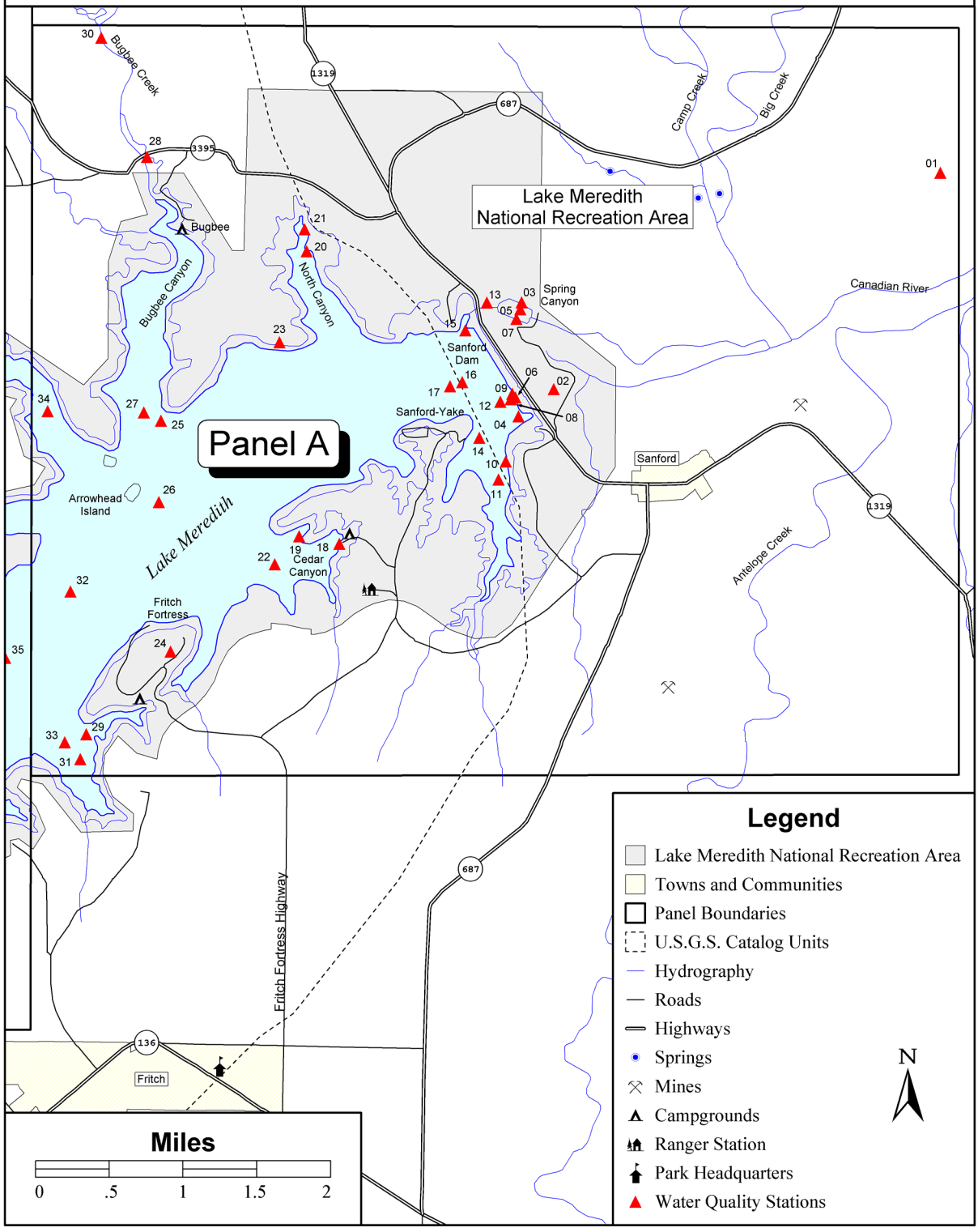
Water Quality Monitoring Locations

Graphic Panel Index



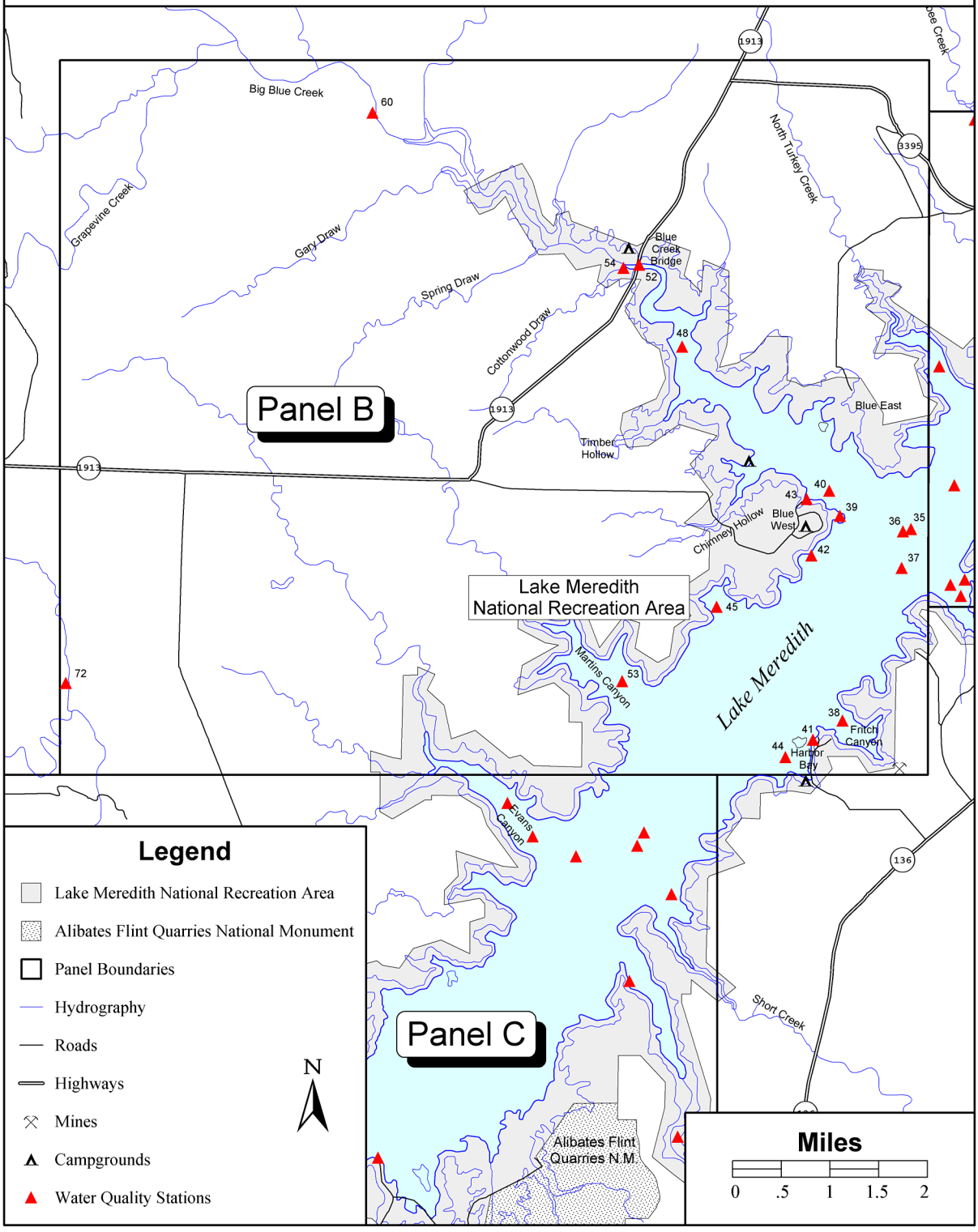
Lake Meredith National Recreation Area

Water Quality Monitoring Locations



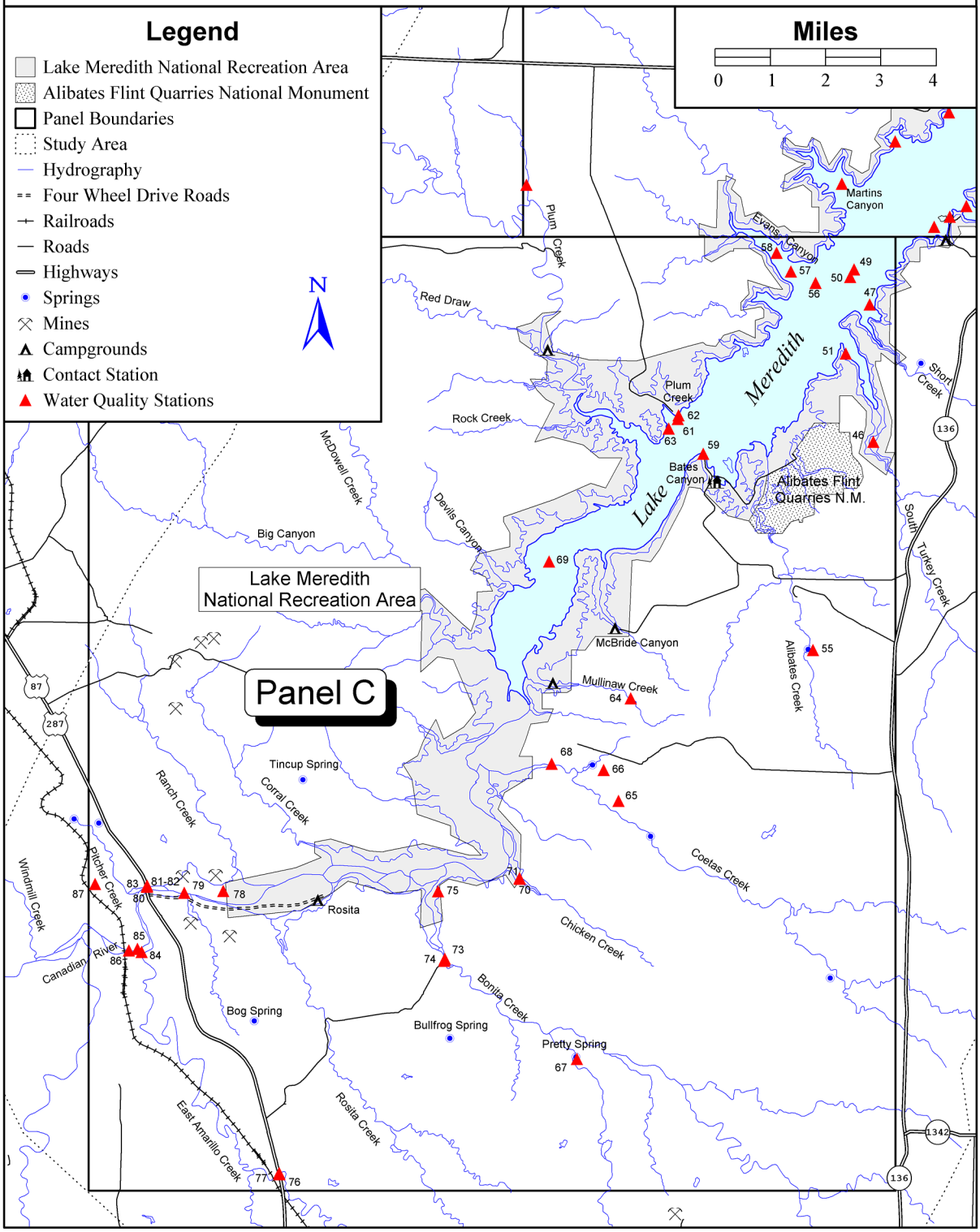
Lake Meredith National Recreation Area

Water Quality Monitoring Locations



Lake Meredith National Recreation Area

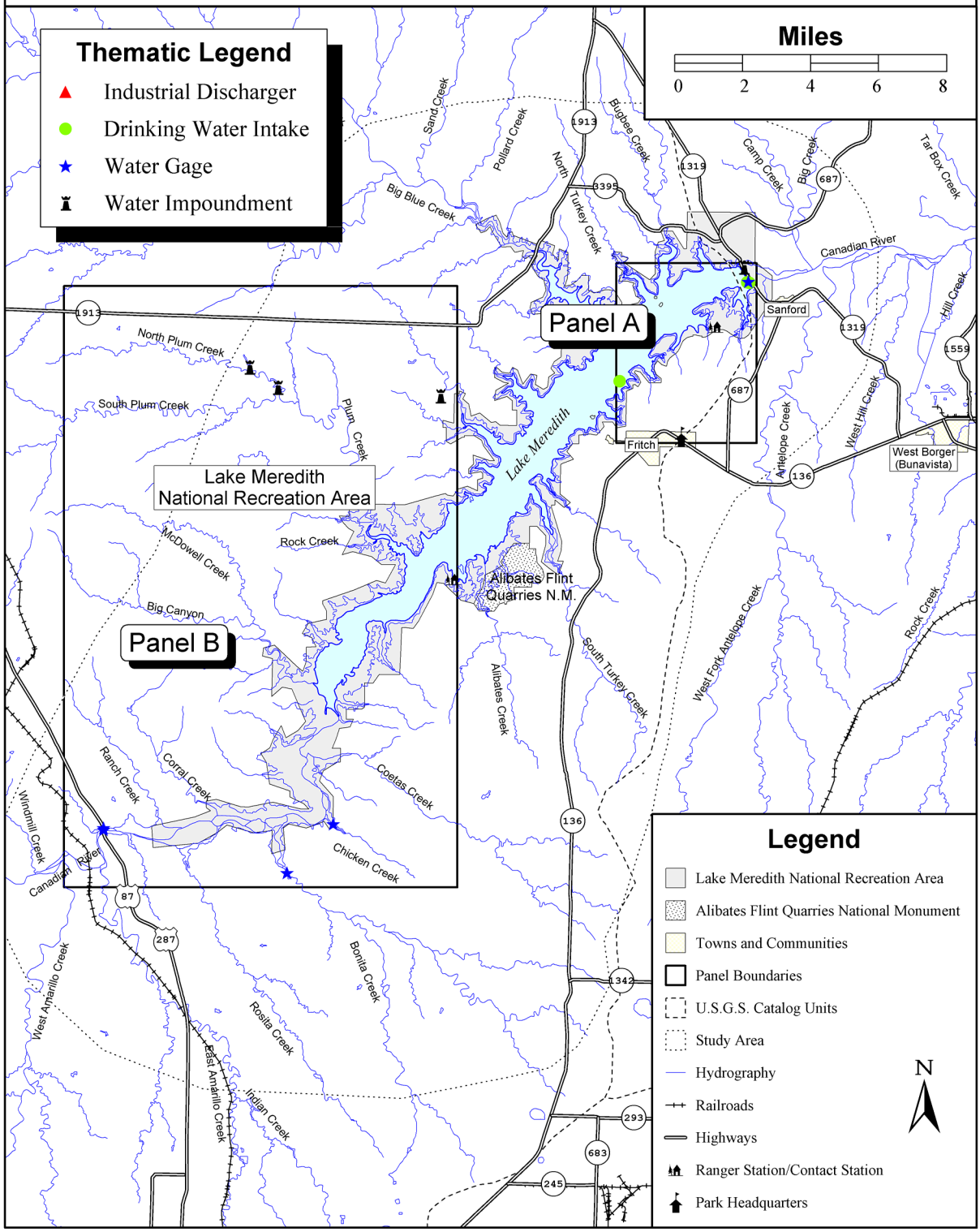
Water Quality Monitoring Locations



Lake Meredith National Recreation Area

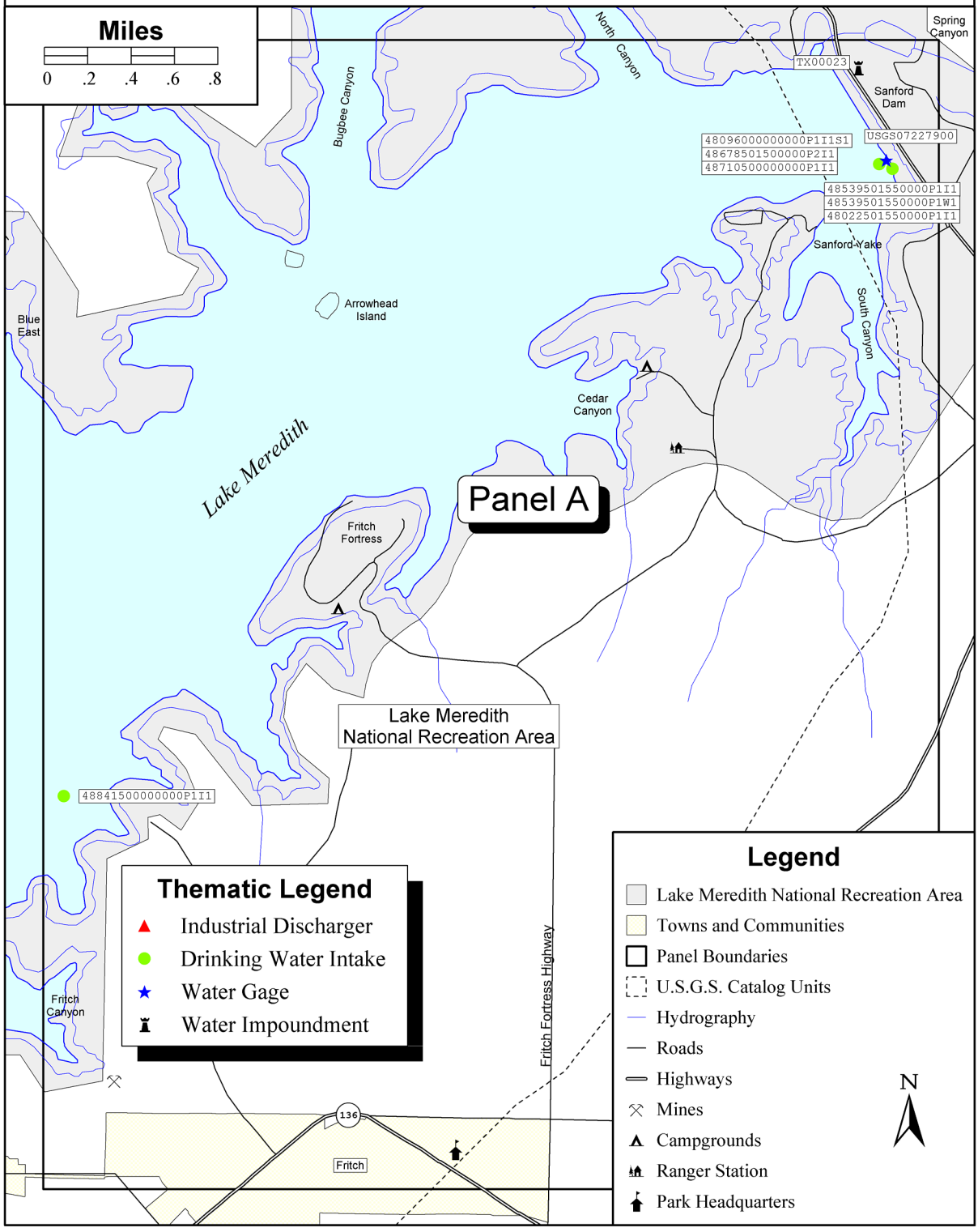
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



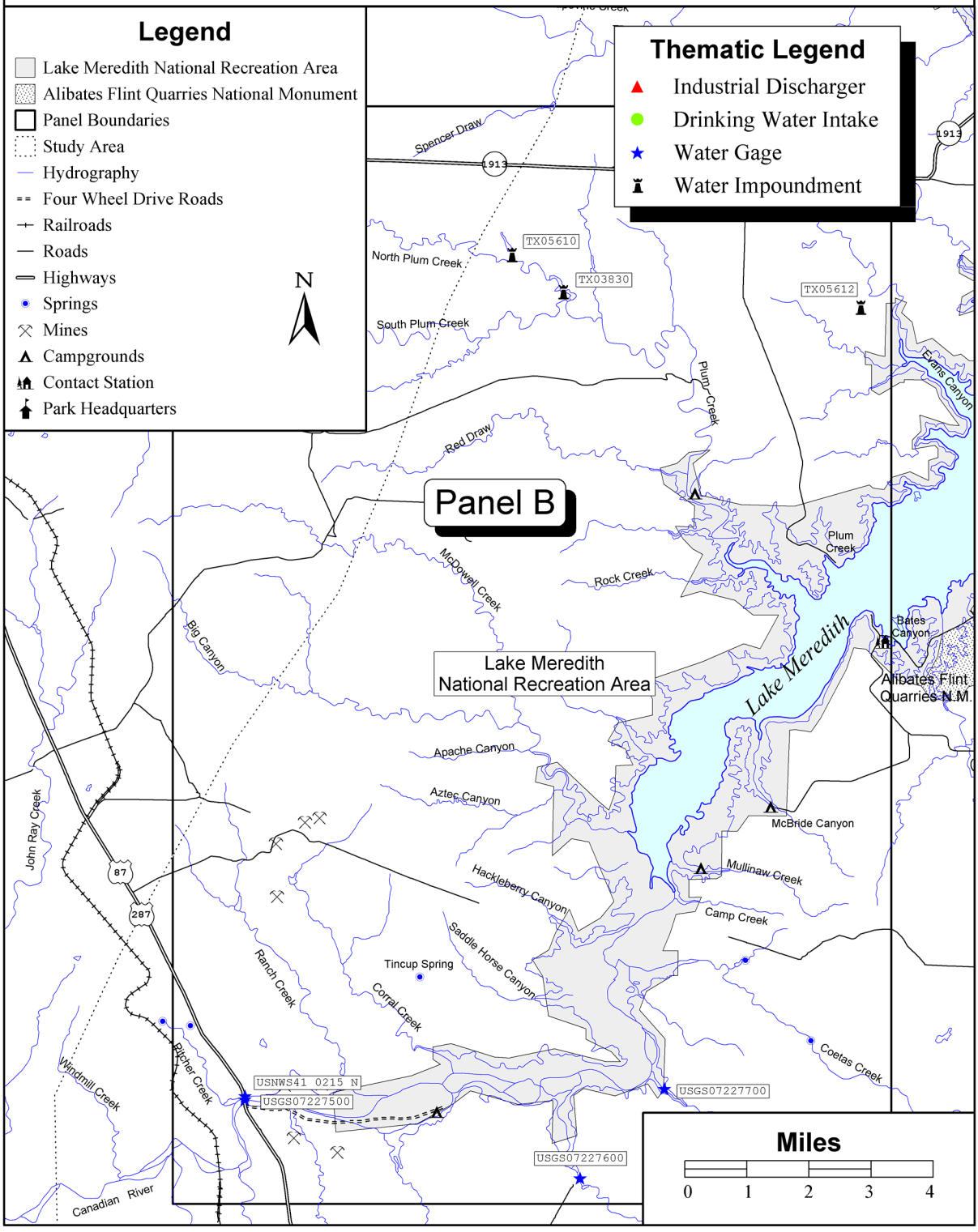
Lake Meredith National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Lake Meredith National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name

No IFD sites available for this study area.

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
48022501550000P1I1	LAKE MEREDITH	AMARILLO	145790	0.00
48096000000000P1I1S1	LAKE MEREDITH	BORGER	22658	
48539501550000P1I1	LAKE MEREDITH	LUBBOCK	187590	0.00
48539501550000P1W1	SAND HILLS FIELD	LUBBOCK	187590	0.00
48678501500000P2I1	LAKE MEREDITH	PAMPA	22500	
48710500000000P1I1	LAKE MEREDITH	PLAINVIEW	25000	
48841500000000P1I1	LAKE MEREDITH	SLATON	6804	

Water Gages

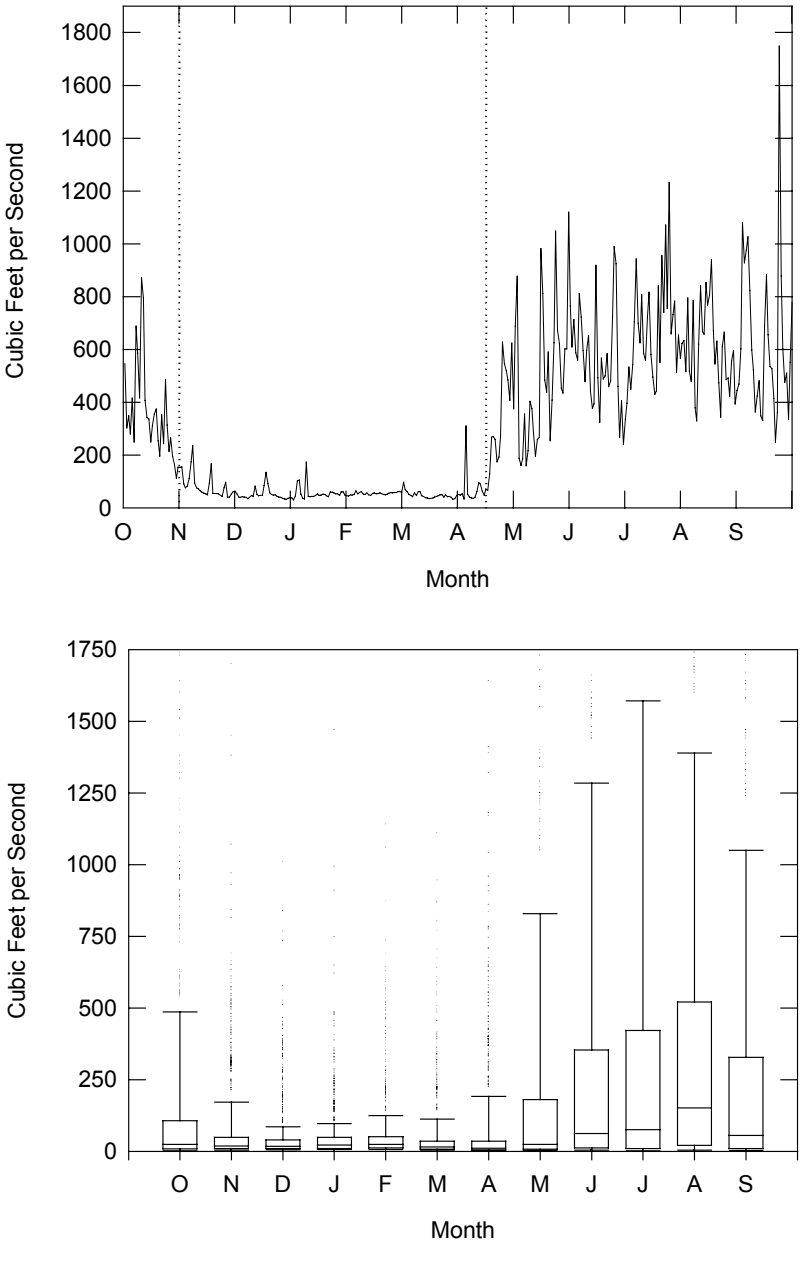
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS07227500	CANADIAN RIVER NR AMARILLO, TX	Stream	19445.0	1924	1998
USGS07227600	BONITA C NR AMARILLO	Stream			
USGS07227700	CHICKEN CR NR AMARIL	Stream			
USGS07227900	LAKE MEREDITH NR SANFORD, TX	Lake	20220.0	1965	1987
USNWS41 0215 N	AMARILLO 19N TEX ON	Stream			

Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
TX00023	SANFORD DAM	DOI BR	Flood	Earth	Low	1965
TX03830	WEYMOUTH MIDDLE LAKE DAM	C E WEYMOUTH	Supply	Earth	Low	1953
TX05610	THOMPSON ESTATE LAKE DAM	C TERRY THOMPSON ESTATE	Farm	Earth	Significant	1953
TX05612	WEYMOUTH R. LOWER LAKE DAM	WEYMOUTH RANCH	Rec.	Earth	Significant	1953

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

LAKE MEREDITH NATIONAL RECREATION AREA
ALIBATES FLINT QUARRIES NATIONAL MONUMENT
Canadian River near Amarillo, TX
07227500, 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 Lake Meredith National Recreation Area and Alibates Flint Quarries National Monument are: Apr. 15 to Oct. 31, and Nov. 1 to Apr. 14.

CONTACTS FOR AGENCY CODES RETRIEVED FOR LAMR

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
21TXWQB	DEACON, ROY	TEXAS WATER COMMISSION	(512)239-0870	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259	
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
EFTX1	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	

QUANTITY OF DATA RETRIEVED FOR LAMR BY AGENCY CODE

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

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	/ Park Only	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park
21TXWQB	TEXAS WATER COMMISSION	09/24/68-06/23/98	09/24/68-06/01/98	8	3	4	2	0	0	13879	10474	276	259
11NPSWRD	NATIONAL PARK SERVICE	02/01/65-06/01/98	02/01/65-06/01/98	66	50	25	19	0	0	65645	61418	377	363
11EPALES	USEPA	03/05/74-08/12/75	03/05/74-08/12/75	10	6	0	0	0	0	1520	1246	20	20
112WRD	US GEOLOGICAL SURVEY	07/19/38-02/19/97	11/17/65-01/03/84	2	1	2	1	0	0	23968	867	171	47
EFTX1	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
Totals		07/19/38-06/23/98	02/01/65-06/01/98	87	60	31	22	1	0	105012	74005	552	477

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

Station Period of Record Tabulation
From 07/19/38 To 06/23/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75
LAMR0001	CAMEX INCORPORATED	No	0	0	0	0
LAMR0002	AQUEDUCT	Yes	64	0	40	24
LAMR0003	STILLING BASIN-NORTH	Yes	462	84	367	11
LAMR0004	Lake Meredith Near the Dam	Yes	13	0	0	13
LAMR0005[1]	STILLING BASIN-CENTER	Yes	942	41	119	782
LAMR0006[1]	LAKE MEREDITH-INTAKE STRUCTURE	Yes	11188	1787	3340	6061
LAMR0007	STILLING BASIN-SOUTH	Yes	479	84	376	19
LAMR0008	LAKE MEREDITH-SOUTH CANYON	Yes	212	191	21	0
LAMR0009[1]	LAKE MEREDITH NR SANFORD, TX	Yes	867	0	329	538
LAMR0010	HEADQUARTERS	Yes	13	9	4	0
LAMR0011	LAKE MEREDITH-SOUTH CANYON	Yes	896	499	237	160
LAMR0012	LAKE MEREDITH	Yes	335	0	0	335
LAMR0013	CANADIAN RIVER	Yes	69	0	45	24
LAMR0014[1]	LAKE MEREDITH-SANFORD YAKE MARINA	Yes	1359	440	235	684
LAMR0015[1]	LAKE MEREDITH AT DAM	Yes	8603	3580	4171	852
LAMR0016[1]	SANFORD-YAKE AREA	Yes	8923	0	63	8860
LAMR0017	Lake Meredith Reservoir Near Dam	Yes	27	0	27	0
LAMR0018[1]	LAKE MEREDITH-CEDAR CANYON	Yes	1430	458	521	451
LAMR0019	LAKE MEREDITH-CEDAR CANYON	Yes	217	196	21	0
LAMR0020	LAKE MEREDITH-NORTH CANYON	Yes	203	182	21	0
LAMR0021[1]	LAKE MEREDITH-NORTH CANYON	Yes	933	443	198	292
LAMR0022	Lake Meredith Reservoir Near Cedar Canyon	Yes	27	0	27	0
LAMR0023	LAKE MEREDITH-SW OF SOUTH CANYON	Yes	188	167	21	0
LAMR0024	FRITCH FORTRESS WATER TOWER	Yes	31	0	0	31
LAMR0025	LAKE MEREDITH-BUGBEE CANYON	Yes	208	187	21	0
LAMR0026	LAKE MEREDITH-CENTER NEAR N.TURKEY CR.	Yes	203	182	21	0
LAMR0027	Lake Meredith Reservoir Near Bugbee Canyon	Yes	27	0	27	0
LAMR0028[1]	BUGBEE CANYON	No	1627	468	458	701
LAMR0029	LAKE MEREDITH-MEREDITH CANYON	Yes	213	192	21	0
LAMR0030	BUGBEE CREEK	No	69	0	45	24
LAMR0031[1]	LAKE MEREDITH-MEREDITH HARBOR	Yes	1125	471	421	233
LAMR0032	LAKE MEREDITH MID-LAKE BETWEEN BLUE EAST AND FRI	Yes	135	4	0	131
LAMR0033	Lake Meredith Reservoir at Fritch Fortress	Yes	27	0	27	0
LAMR0034[1]	LAKE MEREDITH-NORTH TURKEY CREEK	Yes	2707	1421	934	352
LAMR0035	CENTER OF LAKE MEREDITH	Yes	47	28	0	19
LAMR0036[1]	FRITCH FORTRESS-BLUE CREEK AREA	Yes	6939	0	63	6876
LAMR0037	LAKE MEREDITH	Yes	320	0	0	320
LAMR0038[1]	LAKE MEREDITH-FRITCH CANYON	Yes	1625	484	439	702
LAMR0039	LAKE MEREDITH-BLUE WEST	Yes	193	172	21	0
LAMR0040	Lake Meredith Reservoir Near Blue West Rec Area	Yes	27	0	27	0
LAMR0041[1]	LAKE MEREDITH-HARBOR BAY	Yes	1329	477	434	418
LAMR0042	LAKE MEREDITH-SW OF BLUE WEST	Yes	124	100	24	0
LAMR0043	LAKE MEREDITH-BLUE WEST	Yes	89	0	0	89
LAMR0044	Lake Meredith Reservoir Near Harbor Bay	Yes	27	0	27	0
LAMR0045	LAKE MEREDITH-BASS BOAT	Yes	107	86	21	0
LAMR0046[1]	LAKE MEREDITH-SOUTH TURKEY CREEK	Yes	1185	508	276	401
LAMR0047[1]	LAKE MEREDITH-SHORT CREEK	Yes	880	443	192	245
LAMR0048	Lake Meredith in Blue (Creek) West Area	Yes	15	0	0	15
LAMR0049[1]	MARTINS CANYON-TURKEY CREEK AREA	Yes	6117	0	63	6054
LAMR0050	LAKE MEREDITH-SANDY POINT	Yes	3	0	3	0
LAMR0051	LAKE MEREDITH-SOUTH TURKEY CREEK	Yes	101	80	21	0
LAMR0052[1]	LAKE MEREDITH-BIG BLUE CANYON	Yes	3452	1936	780	736
LAMR0053[1]	LAKE MEREDITH-MARTINS CANYON	Yes	1024	468	235	321
LAMR0054	BIG BLUE CREEK 21 MILES SE OF DUMAS	Yes	249	249	0	0
LAMR0055	018240	No	43	0	43	0
LAMR0056	Lake Meredith Reservoir Near Evans Canyon	Yes	27	0	27	0
LAMR0057	LAKE MEREDITH	Yes	264	0	0	264
LAMR0058[1]	LAKE MEREDITH-EVANS CANYON	Yes	638	256	192	190
LAMR0059[1]	LAKE MEREDITH-ALIBATES	Yes	3636	1367	745	1524
LAMR0060	BIG BLUE CREEK	No	68	0	44	24
LAMR0061	LAKE MEREDITH-PLUM CREEK	Yes	50	0	3	47
LAMR0062[1]	LAKE MEREDITH MID-LAKE BETWEEN PLUM CREEK BOAT R	Yes	1736	1067	555	114
LAMR0063[1]	ALIBATES AREA	Yes	1464	0	42	1422
LAMR0064	018328	No	42	0	42	0
LAMR0065	018955	No	41	0	41	0
LAMR0066	COETAS CREEK ON ALIBATES RANCH	No	17	17	0	0
LAMR0067	018957	No	42	0	42	0
LAMR0068[1]	COETAS CREEK	No	343	0	31	312
LAMR0069	LAKE MEREDITH	Yes	194	0	0	194
LAMR0070[1]	CHICKEN CREEK	No	353	0	31	322
LAMR0071	CHICKEN CREEK ON LX RANCH	No	17	17	0	0

Station Period of Record Tabulation
From 07/19/38 To 06/23/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75
LAMR0072	018960	No	43	0	43	0
LAMR0073[1]	BONITA CREEK	No	322	0	31	291
LAMR0074	BONITA CREEK	No	68	0	45	23
LAMR0075	BONITA CREEK ON LX RANCH	Yes	17	17	0	0
LAMR0076[1]	EAST AMARILLO CREEK AT US 287	No	619	619	0	0
LAMR0077[1]	EAST AMARILLO CREEK AT 287	No	713	0	67	646
LAMR0078	CANADIAN RIVER 2400 METERS DOWNSTREAM OF HWY 287	No	54	54	0	0
LAMR0079	Fulton Ranch on Canadian River	No	18	0	0	18
LAMR0080[1]	CANADIAN RIVER AT 287	No	566	28	41	497
LAMR0081[1]	CANADIAN RIVER AT US 87-287	No	2549	804	860	885
LAMR0082[1]	CANADIAN RIVER NR AMARILLO, TX	No	23101	2257	4305	16539
LAMR0083	CANADIAN RIVER	No	69	0	43	26
LAMR0084	EAST AMARILLO CREEK 10 METERS UPSTREAM OF CANADI	No	93	93	0	0
LAMR0085	CANADIAN RIVER 10 METERS UPSTREAM OF EAST AMARIL	No	90	90	0	0
LAMR0086	Canadian River 100 Yds Downstr. From AT&SF Brdge	No	13	0	0	13
LAMR0087	Canadian River at US Hwy 87-287 Br N of Amarillo	No	27	0	27	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 07/19/38 To 06/23/98

Parameter Code	Name	Total Obs	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	6041	1360	1946	2735	32	24
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	97	16	4	77	9	6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2109	928	767	414	43	30
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	4040	123	1201	2716	37	26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	485	391	78	16	13	12
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	1229	91	635	503	4	3
00024	SAMPLE LENGTH IN INCHES	1	1	0	0	1	1
00025	BAROMETRIC PRESSURE (MM OF HG)	86	73	13	0	1	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	115	77	23	15	2	1
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	414	77	59	278	2	1
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	5	0	0	5	4	4
00049	SURFACE AREA IN SQUARE MILES	278	0	0	278	1	0
00054	RESERVOIR STORAGE - ACRE FEET	15	0	0	15	1	1
00060	FLOW, STREAM, MEAN DAILY CFS	655	0	0	655	1	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	664	141	125	398	7	2
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	211	191	7	13	12	11
00065	STAGE, STREAM (FEET)	11	1	10	0	2	1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1355	0	61	1294	32	24
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	76	0	0	76	4	4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	46	11	35	0	1	0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	102	36	50	16	8	8
00078	TRANSPARENCY, SECCHI DISC (METERS)	480	477	3	0	19	16
00080	COLOR (PLATINUM-COBALT UNITS)	1097	11	70	1016	6	5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	2764	809	559	1396	53	40
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1507	253	262	992	24	17
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	450	372	78	0	11	11
00300	OXYGEN, DISSOLVED MG/L	4509	624	1292	2593	45	31
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	87	0	55	32	2	1
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	9	9	0	0	5	0
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	9	9	0	0	5	0
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	9	9	0	0	5	0
00310	BOD, 5 DAY, 20 DEG C MG/L	453	57	60	336	24	16
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	9	9	0	0	5	0
00335	COD, .025N K2CR2O7 MG/L	43	12	20	11	3	1
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	13	0	11	2	4	3
00340	COD, .25N K2CR2O7 MG/L	2	0	1	1	1	0
00400	PH (STANDARD UNITS)	3730	685	588	2457	51	32
00403	PH, LAB, STANDARD UNITS SU	592	260	192	140	20	13
00405	CARBON DIOXIDE (MG/L AS CO2)	847	0	57	790	6	5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	2543	373	324	1846	48	29
00411	ALKALINITY,METHYLORANGE MG/L	23	18	5	0	9	4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1658	188	142	1328	31	23
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	1	0	1	0	1	0
00440	BICARBONATE ION (MG/L AS HCO3)	2428	169	209	2050	26	19
00445	CARBONATE ION (MG/L AS CO3)	2257	167	209	1881	26	19
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	14	14	0	0	1	0
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	14	14	0	0	1	0
00480	SALINITY - PARTS PER THOUSAND	39	30	9	0	5	3
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	8	3	5	0	3	2
00500	RESIDUE, TOTAL (MG/L)	3	0	3	0	3	2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	9	0	3	6	4	2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	880	247	255	378	30	18
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	400	148	181	71	19	12
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	29	3	26	0	1	0
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	15	4	10	1	5	4
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	6	0	4	2	3	2
00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	10	10	0	0	3	1
00600	NITROGEN, TOTAL (MG/L AS N)	49	0	47	2	1	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	73	0	50	23	1	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	30	30	0	0	2	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	628	196	245	187	34	21
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	107	24	0	83	2	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	202	101	60	41	16	6
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	77	57	0	20	3	2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	640	166	228	246	26	15
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	25	24	1	0	2	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	370	133	134	103	19	9
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	19	3	13	3	5	4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	339	97	140	102	19	10
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	24	24	0	0	2	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	477	14	127	336	31	21

Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Parameter Code	Name	Total Obs	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00655	PHOSPHATE, POLY (MG/L AS PO4)	995	0	11	984	4	4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	186	14	125	47	18	12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	618	181	248	189	35	19
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	25	24	1	0	2	0
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	20	3	14	3	5	4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	471	146	178	147	29	18
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	372	139	182	51	16	12
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	9	9	0	0	5	0
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	3	3	0	0	3	2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	2496	174	233	2089	30	23
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	777	0	89	688	2	1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	996	152	156	688	9	6
00916	CALCIUM, TOTAL (MG/L AS CA)	1567	115	89	1363	33	18
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000	156	156	688	9	6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1549	110	89	1350	33	18
00929	SODIUM, TOTAL (MG/L AS NA)	562	137	87	338	29	14
00930	SODIUM, DISSOLVED (MG/L AS NA)	970	259	156	555	9	6
00931	SODIUM ADSORPTION RATIO	710	0	89	621	2	1
00932	SODIUM, PERCENT	362	0	89	273	2	1
00933	SODIUM,PLUS POTASSIUM (MG/L)	1142	0	22	1120	6	5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	343	79	100	164	4	2
00937	POTASSIUM, TOTAL MG/L AS K)	36	0	13	23	15	6
00940	CHLORIDE,TOTAL IN WATER MG/L	3425	555	399	2471	46	28
00941	CHLORIDE, DISSOLVED IN WATER MG/L	116	0	43	73	14	12
00945	SULFATE, TOTAL (MG/L AS SO4)	3140	441	380	2319	47	28
00950	FLUORIDE, DISSOLVED (MG/L AS F)	2319	243	243	1833	28	20
00955	SILICA, DISSOLVED (MG/L AS SI02)	887	79	101	707	4	2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	84	36	33	15	6	3
01002	ARSENIC, TOTAL (UG/L AS AS)	14	5	8	1	10	4
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	38	9	26	3	14	12
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	16	15	1	0	2	2
01005	BARIUM, DISSOLVED (UG/L AS BA)	52	27	25	0	3	2
01007	BARIUM, TOTAL (UG/L AS BA)	16	7	5	4	13	6
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	11	5	6	0	3	2
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2	2	0	0	1	0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	9	4	5	0	7	2
01020	BORON, DISSOLVED (UG/L AS B)	17	0	6	11	2	1
01022	BORON, TOTAL (UG/L AS B)	9	0	5	4	8	2
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	3	0	3	0	1	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	84	36	33	15	6	3
01027	CADMIUM, TOTAL (UG/L AS CD)	9	5	0	4	7	5
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	34	9	22	3	14	12
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	34	9	22	3	14	12
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	83	36	33	14	6	3
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	1	0	0	1	1	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	16	9	5	2	11	4
01035	COBALT, DISSOLVED (UG/L AS CO)	25	2	8	15	1	0
01037	COBALT, TOTAL (UG/L AS CO)	5	0	5	0	5	0
01040	COPPER, DISSOLVED (UG/L AS CU)	84	36	33	15	6	3
01042	COPPER, TOTAL (UG/L AS CU)	13	7	5	1	9	4
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	34	9	22	3	14	12
01045	IRON, TOTAL (UG/L AS FE)	1070	66	34	970	27	16
01046	IRON, DISSOLVED (UG/L AS FE)	81	25	39	17	3	2
01049	LEAD, DISSOLVED (UG/L AS PB)	84	36	33	15	6	3
01051	LEAD, TOTAL (UG/L AS PB)	6	5	0	1	4	3
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	33	9	22	2	14	12
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	32	7	22	3	13	11
01055	MANGANESE, TOTAL (UG/L AS MN)	322	67	23	232	31	20
01056	MANGANESE, DISSOLVED (UG/L AS MN)	80	25	39	16	3	2
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	4	4	0	0	2	1
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	6	1	5	0	6	1
01065	NICKEL, DISSOLVED (UG/L AS NI)	38	15	8	15	6	3
01067	NICKEL, TOTAL (UG/L AS NI)	13	7	5	1	9	4
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	34	9	22	3	14	12
01075	SILVER, DISSOLVED (UG/L AS AG)	62	36	26	0	6	3
01077	SILVER, TOTAL (UG/L AS AG)	15	9	5	1	10	4
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	34	9	22	3	14	12
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	25	2	8	15	1	0
01082	STRONTIUM, TOTAL (UG/L AS SR)	8	0	5	3	8	2
01085	VANADIUM, DISSOLVED (UG/L AS V)	2	2	0	0	1	0
01087	VANADIUM, TOTAL (UG/L AS V)	5	0	5	0	5	0

Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Parameter Code	Name	Total Obs	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01090	ZINC, DISSOLVED (UG/L AS ZN)	83	35	33	15	6	3
01092	ZINC, TOTAL (UG/L AS ZN)	17	7	5	5	12	6
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	34	9	22	3	14	12
01105	ALUMINUM, TOTAL (UG/L AS AL)	16	6	5	5	11	5
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	35	12	8	15	6	3
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	3	3	0	0	2	2
01112	CERIUM, TOTAL (UG/L AS CE)	5	0	5	0	5	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	25	2	8	15	1	0
01132	LITHIUM, TOTAL (UG/L AS LI)	5	0	5	0	5	0
01142	SILICON, TOTAL (UG/L AS SI)	544	0	5	539	9	4
01145	SELENIUM, DISSOLVED (UG/L AS SE)	59	34	25	0	5	2
01147	SELENIUM, TOTAL (UG/L AS SE)	16	10	5	1	11	4
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	19	9	10	0	5	4
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	16	16	0	0	2	2
01152	TITANIUM, TOTAL (UG/L AS TI)	5	0	5	0	5	0
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	5	0	5	0	5	0
01182	LANTHANUM, TOTAL (UG/L AS LA)	5	0	5	0	5	0
01189	SCANDIUM, TOTAL (UG/L AS SC)	5	0	5	0	5	0
01203	YTTRIUM, TOTAL (UG/L AS Y)	5	0	5	0	5	0
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	4	4	0	0	3	2
01239	NIOBIUM, TOTAL UG/L	5	0	5	0	5	0
01243	HAFNIUM,TOTAL UG/L	5	0	5	0	5	0
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	35	35	0	0	2	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	6338	2708	1815	1815	34	27
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	89	0	0	89	5	4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	6333	2760	1930	1643	36	28
31619	FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,48HR	1	0	0	1	1	1
31648	E. COLI - MTEC-MF N0/100ML	29	29	0	0	3	1
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	48	48	0	0	16	15
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	4712	2518	1258	936	32	26
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	188	0	15	173	25	20
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1	1	0	0	1	1
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1	1	0	0	1	1
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	1	1	0	0	1	1
32104	BROMOFORM,WHOLE WATER,UG/L	1	1	0	0	1	1
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1	1	0	0	1	1
32106	CHLOROFORM,WHOLE WATER,UG/L	1	1	0	0	1	1
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	312	134	124	54	18	12
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	16	0	0	16	4	4
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	204	133	71	0	9	4
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	13	0	0	13	1	0
32734	PHENOLICS,TISSUE,WET WEIGHT,MG/KG	1	0	1	0	1	1
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34204	ACENAPHTHYLENE WET WGTTISMG/KG	1	0	1	0	1	1
34208	ACENAPHTHENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34209	ACENAPHTHENE WET WGTTISMG/KG	1	0	1	0	1	1
34218	ACRYLONITRILE DRY WGTBOTUG/KG	2	2	0	0	1	1
34223	ANTHRACENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34224	ANTHRACENE WET WGTTISMG/KG	1	0	1	0	1	1
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	2	2	0	0	1	1
34237	BENZENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34241	BENZIDINE WET WGTTISMG/KG	1	0	1	0	1	1
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	2	2	0	0	1	1
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	1	0	1	0	1	1
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34251	BENZO-A-PYRENE WET WGTTISMG/KG	1	0	1	0	1	1
34258	B-BHC-BETA WET WGTTISMG/KG	1	0	1	0	1	1
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	1	0	1	0	1	1
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	2	2	0	0	1	1
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	1	0	1	0	1	1
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	1	0	1	0	1	1
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	2	2	0	0	1	1
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	1	0	1	0	1	1
34290	BROMOFORM DRY WGTBOTUG/KG	2	2	0	0	1	1
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	2	2	0	0	1	1
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	2	2	0	0	1	1
34301	CHLOROBENZENE TOTWUG/L	1	1	0	0	1	1
34304	CHLOROBENZENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34311	CHLOROETHANE TOTWUG/L	1	1	0	0	1	1

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Parameter Code	Name	Total Obs	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34314	CHLOROETHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34318	CHLOROFORM DRY WGTBOTUG/KG	2	2	0	0	1	1
34323	CHRYSENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34324	CHRYSENE WET WGTTISMG/KG	1	0	1	0	1	1
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	2	2	0	0	1	1
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	1	0	1	0	1	1
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	2	2	0	0	1	1
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	1	0	1	0	1	1
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	2	2	0	0	1	1
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	1	0	1	0	1	1
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	5	5	0	0	2	2
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	1	0	1	0	1	1
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	2	2	0	0	1	1
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	1	0	1	0	1	1
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	2	2	0	0	1	1
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	2	2	0	0	1	1
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	1	0	1	0	1	1
34374	ETHYLBENZENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34379	FLUORANTHENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34380	FLUORANTHENE WET WGTTISMG/KG	1	0	1	0	1	1
34384	FLUORENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34385	FLUORENE WET WGTTISMG/KG	1	0	1	0	1	1
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	1	0	1	0	1	1
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34400	HEXACHLOROETHANE WET WGTTISMG/KG	1	0	1	0	1	1
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	1	0	1	0	1	1
34411	ISOPHORONE DRY WGTBOTUG/KG	2	2	0	0	1	1
34412	ISOPHORONE WET WGTTISMG/KG	1	0	1	0	1	1
34418	METHYL CHLORIDE TOTWUG/L	1	1	0	0	1	1
34423	METHYLENE CHLORIDE TOTWUG/L	1	1	0	0	1	1
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	2	2	0	0	1	1
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	2	2	0	0	1	1
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	1	0	1	0	1	1
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	2	2	0	0	1	1
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	1	0	1	0	1	1
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	2	2	0	0	1	1
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	1	0	1	0	1	1
34445	NAPHTHALENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34446	NAPHTHALENE WET WGTTISMG/KG	1	0	1	0	1	1
34450	NITROBENZENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34451	NITROBENZENE WET WGTTISMG/KG	1	0	1	0	1	1
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	2	2	0	0	1	1
34464	PHENANTHRENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34465	PHENANTHRENE WET WGTTISMG/KG	1	0	1	0	1	1
34472	PYRENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34473	PYRENE WET WGTTISMG/KG	1	0	1	0	1	1
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34483	TOLUENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	1	1	0	0	1	1
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	2	2	0	0	1	1
34496	1,1-DICHLOROETHANE TOTWUG/L	1	1	0	0	1	1
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34501	1,1-DICHLOROETHYLENE TOTWUG/L	1	1	0	0	1	1
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	1	1	0	0	1	1
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	1	1	0	0	1	1
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	2	2	0	0	1	1
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	2	2	0	0	1	1
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	1	0	1	0	1	1
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34536	1,2-DICHLOROBENZENE TOTWUG/L	1	1	0	0	1	1
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	1	0	1	0	1	1
34541	1,2-DICHLOROPROPANE TOTWUG/L	1	1	0	0	1	1

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34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	2	2	0	0	1	1
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	1	1	0	0	1	1
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	2	2	0	0	1	1
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	1	0	1	0	1	1
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34561	1,3-DICHLOROPROPENE TOTWUG/L	1	1	0	0	1	1
34566	1,3-DICHLOROBENZENE TOTWUG/L	1	1	0	0	1	1
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	1	0	1	0	1	1
34571	1,4-DICHLOROBENZENE TOTWUG/L	1	1	0	0	1	1
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	1	0	1	0	1	1
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	2	2	0	0	1	1
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	1	0	1	0	1	1
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	1
34594	2-NITROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	1
34595	2-NITROPHENOL WET WGTTISMG/KG	1	0	1	0	1	1
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	2	2	0	0	1	1
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	1	0	1	0	1	1
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	1
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	1	0	1	0	1	1
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	1
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	1	0	1	0	1	1
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	1	0	1	0	1	1
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	1
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	1	0	1	0	1	1
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	1
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	1	0	1	0	1	1
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	2	2	0	0	1	1
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	1	0	1	0	1	1
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	2	2	0	0	1	1
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	1	0	1	0	1	1
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	2	2	0	0	1	1
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	1	0	1	0	1	1
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	2	2	0	0	1	1
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	1	0	1	0	1	1
34649	4-NITROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	1
34650	4-NITROPHENOL WET WGTTISMG/KG	1	0	1	0	1	1
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	2	2	0	0	1	1
34668	DICHLORODIFUOROMETHANE TOTWUG/L	1	1	0	0	1	1
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	7	5	2	0	2	2
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	7	6	1	0	2	2
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	1	0	1	0	1	1
34685	ENDRIN WET WGTTISMG/KG	7	5	2	0	2	2
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	7	6	1	0	2	2
34687	HEPTACHLOR WET WGTTISMG/KG	7	5	2	0	2	2
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	7	6	1	0	2	2
34691	TOXAPHENE WET WGTTISMG/KG	7	5	2	0	2	2
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	2	2	0	0	1	1
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	2	2	0	0	1	1
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	1	1
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	151	0	29	122	2	1
38680	CHLOROTOLUENE,2-, TOTAL, WATER UG/L	1	1	0	0	1	1
38877	STIROFOS WATER, TOTUG/L	1	1	0	0	1	1
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	1	1	0	0	1	1
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	9	0	9	0	1	0
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	30	30	0	0	1	0
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	1	0	1	0	1	1
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	11	5	6	0	2	2
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	5	4	1	0	1	1
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	8	2	6	0	1	1
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	5	3	2	0	1	1
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	8	2	6	0	1	1
39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	5	2	3	0	1	1
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	5	4	1	0	1	1
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	8	2	6	0	1	1
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	5	3	2	0	1	1
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	7	6	1	0	2	2

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39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	13	7	6	0	3	3
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	15	15	0	0	1	0
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	1	0	1	0	1	1
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	8	2	6	0	2	2
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	8	2	6	0	2	2
39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	2	2	0	0	1	1
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	2	2	0	0	1	1
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1	1	0	0	1	1
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1	1	0	0	1	1
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	16	0	16	0	1	0
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	3	0	3	0	1	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	8	2	6	0	1	1
39302	P P DDT IN TISSUE WET WGT (UG/G)	5	3	2	0	1	1
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	8	2	6	0	1	1
39307	O P DDT IN TISSUE WET WGT (UG/G)	5	4	1	0	1	1
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	8	2	6	0	1	1
39312	P P DDD IN TISSUE WET WGT (UG/G)	5	3	2	0	1	1
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	8	2	6	0	1	1
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	8	2	6	0	1	1
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	5	4	1	0	1	1
39325	O,P DDD IN TISSUE WET WGT (UG/G)	5	3	2	0	1	1
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	8	2	6	0	1	1
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	5	4	1	0	1	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	58	1	24	33	6	3
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	65	8	41	16	15	12
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	59	2	24	33	7	3
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	37	0	23	14	1	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	45	1	24	20	2	1
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	65	8	41	16	15	12
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	54	1	24	29	3	1
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	65	8	41	16	15	12
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	54	1	24	29	3	1
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	65	8	41	16	15	12
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	54	1	24	29	3	1
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	64	7	41	16	15	12
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	7	5	2	0	2	2
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	58	1	24	33	6	3
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	64	8	40	16	15	12
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	15	1	14	0	2	1
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	6	3	3	0	2	1
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	60	3	24	33	8	4
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	65	8	41	16	15	12
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	20	0	20	0	1	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	38	3	24	11	8	4
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	55	8	41	6	15	12
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	7	6	1	0	2	2
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	60	1	28	31	6	3
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	64	7	41	16	15	12
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	60	1	28	31	6	3
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	65	8	41	16	15	12
39430	ISODRIN IN WHOLE WATER SAMPLE (UG/L)	1	0	0	1	1	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	14	3	9	2	7	4
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	33	8	23	2	15	12
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	4	4	0	0	2	2
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	4	4	0	0	2	2
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	4	4	0	0	2	2
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	4	4	0	0	2	2
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	2	2	0	0	1	1
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	4	4	0	0	2	2
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	4	4	0	0	2	2
39515	PCBS (MG/KG) FISH TISSUE MG/KG	7	5	2	0	2	2
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	39	1	28	10	5	3
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	55	4	41	10	14	11
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	47	1	28	18	5	3
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	9	6	0	3	3	2
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	48	1	28	19	6	3
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	29	6	18	5	14	11
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	41	1	24	16	2	1
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	26	6	18	2	13	11
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	2	0	0	1	1
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	44	0	24	20	4	2

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39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	25	2	18	5	13	10
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	1
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12	6	6	0	2	2
39704	HEXACHLOROBUTADIENE IN FISH OR ANIMAL WET WGT UG/K	1	0	1	0	1	1
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	2	2	0	0	1	1
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	60	2	27	31	7	4
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	14	5	6	3	3	2
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	58	1	27	30	5	3
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	14	5	6	3	3	2
39755	MIREX, TOTAL (UG/L)	11	0	11	0	1	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	3	0	3	0	1	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	60	2	27	31	7	3
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	27	4	18	5	14	11
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	7	1	4	2	4	3
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	28	8	18	2	14	12
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	20	0	20	0	1	0
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	20	0	20	0	1	0
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	2	2	0	0	1	1
46290	BETA BHC IN SOIL (NG/G DRY WGT)	5	5	0	0	2	2
46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	5	5	0	0	2	2
46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	1	1	0	0	1	1
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	8	8	0	0	3	1
49547	BROMOMETHANE, TOTAL, WATER UG/L	1	1	0	0	1	1
50087	SIMULTANEOUSLY EXTRACTED METALS, TOT SED MMOL/KG	1	1	0	0	1	1
50088	ACID VOLATILE SULFIDE TOT SED MMOL/KG	5	5	0	0	4	2
50588	URANIUM TOTAL UG/L	5	0	5	0	5	0
50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	5	0	5	0	5	0
50979	E.COLI,MPN,COLI-COMPLETE #/100ML	11	0	0	11	7	1
61501	MERCURY SLUDGE TOTAL FRACTION MG/L	1	1	0	0	1	1
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	46	46	0	0	2	2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	1365	90	51	1224	24	13
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	523	88	90	345	10	5
70302	SOLIDS, DISSOLVED-TONS PER DAY	543	0	75	468	1	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	598	0	90	508	2	1
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	12	0	0	12	1	0
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	12	0	0	12	1	0
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10	0	0	10	1	0
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10	0	0	10	1	0
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10	0	0	10	1	0
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	23	0	0	23	1	0
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10	0	0	10	1	0
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	22	0	0	22	1	0
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	9	0	0	9	1	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	35	35	0	0	8	3
71830	HYDROXIDE ION (MG/L AS OH)	34	0	0	34	10	5
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	474	0	11	463	14	8
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	1522	42	84	1396	22	15
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	408	0	0	408	2	1
71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	31	0	0	31	5	5
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	128	0	0	128	2	1
71870	BROMIDE (MG/L AS BR)	2	0	0	2	1	0
71885	IRON (UG/L AS FE)	1	0	0	1	1	1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	33	2	31	0	1	0
71887	NITROGEN, TOTAL, AS NO3 - MG/L	49	0	47	2	1	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	80	33	33	14	5	2
71900	MERCURY, TOTAL (UG/L AS HG)	22	15	0	7	11	6
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	32	7	22	3	13	11
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	34	16	13	5	3	3
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	17	15	2	0	2	2
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	17	16	1	0	2	2
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	17	15	2	0	2	2
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	17	16	1	0	2	2
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	278	0	0	278	1	0
72025	DEPTH OF POND OR RESERVOIR IN FEET	53	0	26	27	16	15
72053	DAYS SINCE PRECIPITATION EVENT DAYS	68	68	0	0	5	3
73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	2	2	0	0	1	1
73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	2	2	0	0	1	1
74069	FLOW, ESTIMATED STREAM CFS	9	9	0	0	2	0
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	1	1	0	0	1	1
77128	STYRENE WHOLE WATER,UG/L	1	1	0	0	1	1
77133	1,4-DIMETHYLBENZENE(P-XYLENE) WHOLE WATER,UG/L	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Parameter Code	Name	Total Obs	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	1	1	0	0	1	1
77135	O-XYLENE WHOLE WATER,UG/L	1	1	0	0	1	1
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	1	1	0	0	1	1
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	1	1	0	0	1	1
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	1	1	0	0	1	1
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	1	1	0	0	1	1
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	1	1	0	0	1	1
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	1	1	0	0	1	1
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	1	1	0	0	1	1
77596	METHYLENE BROMIDE WHOLE WATER,UG/L	1	1	0	0	1	1
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	1	1	0	0	1	1
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	1	1	0	0	1	1
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	1	1	0	0	1	1
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	2	2	0	0	1	1
78877	DIPHENYLAMINE IN TISSUE, WET WEIGHT MG/KG	1	0	1	0	1	1
79035	CHLOROPHENOL TISWETWTMG/KG	1	0	1	0	1	1
79036	4-CHLORO-3-CRESOL TISWETWTMG/KG	1	0	1	0	1	1
79037	2,6-DINITRO-2-CRESOL TISWETWTMG/KG	1	0	1	0	1	1
79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	1	0	1	0	1	1
79039	BENZO(J)FLUORANTHENE TISWETWTMG/KG	1	0	1	0	1	1
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	1	0	1	0	1	1
79041	BENZO(GHI)PERYLENE TISWETWTMG/KG	1	0	1	0	1	1
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	2	2	0	0	1	1
79800	MIREX SEDIMENT,DRY,WT,UG/KG	3	3	0	0	1	1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	288	0	2	286	1	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	3	0	2	1	1	0
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	1	1	0	0	1	1
80356	MERCURY, METHYL-, FISH/ANIMAL TISS, WET WT., MG/KG	5	5	0	0	1	1
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	6	6	0	0	4	2
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	3	3	0	0	1	1
81552	ACETONE WHL WATER SMPL UG/L	1	1	0	0	1	1
81555	BROMOBENZENE WHL WATER SMPL UG/L	1	1	0	0	1	1
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	1	1	0	0	1	1
81597	METHYL METHACRYLATE WHL WATER SMPL UG/L	1	1	0	0	1	1
81607	TETRAHYDROFURAN WHL WATER SMPL UG/L	1	1	0	0	1	1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	12	11	1	0	2	2
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	13	12	1	0	2	2
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	7	5	2	0	2	2
81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	2	2	0	0	1	1
81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	1	1	0	0	1	1
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	3	0	3	0	1	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	7	6	1	0	2	2
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	7	5	2	0	2	2
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	121	49	37	35	3	3
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	3	3	0	0	2	2
82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	1	1	0	0	1	1
82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	1	1	0	0	1	1
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	6	0	6	0	2	1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	14	14	0	0	3	1
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	3	0	3	0	1	0
82364	THORIUM, TOTAL IN WATER UG/L	5	0	5	0	5	0
82394	HARDNESS,TOTAL CALCULATED(CA,MG,FE) AS CACO3 MG/L	1	1	0	0	1	1
82398	SAMPLING METHOD (CODES)	13	13	0	0	1	0
82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	1	1	0	0	1	1
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	13	12	1	0	2	2

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0006	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	21	1899	
LAMR0009	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/75-08/24/76	0	4	
LAMR0011	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	18	62	
LAMR0012	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/74-10/28/74	0	25	
LAMR0015	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	29	1368	
LAMR0016	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	7	437	
LAMR0018	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	18	73	
LAMR0028	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	18	68	
LAMR0031	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-10/05/92	18	68	
LAMR0032	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-05/18/92	17	25	
LAMR0034	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	20	291	
LAMR0036	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	7	315	
LAMR0037	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/74-10/28/74	0	23	
LAMR0038	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	22	119	
LAMR0041	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-10/05/92	18	62	
LAMR0046	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-05/20/97	26	66	
LAMR0049	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	7	271	
LAMR0052	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	20	232	
LAMR0053	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	18	37	
LAMR0054	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/97-03/25/98	0	12	
LAMR0057	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/74-10/28/74	0	19	
LAMR0062	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	23	164	
LAMR0063	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/69-12/03/74	5	57	
LAMR0066	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/09/97-07/09/97	0	1	
LAMR0069	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/74-10/28/74	0	14	
LAMR0071	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/08/97-07/08/97	0	1	
LAMR0075	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/08/97-07/08/97	0	1	
LAMR0076	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-06/23/98	13	41	
LAMR0078	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-04/24/85	0	6	
LAMR0081	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	29	258	
LAMR0084	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-06/28/89	4	11	
LAMR0085	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-06/28/89	4	11	
LAMR0012	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/05/74-10/28/74	0	23	
LAMR0037	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/05/74-10/28/74	0	22	
LAMR0054	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/17/97-03/25/98	0	13	
LAMR0057	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/05/74-10/28/74	0	18	
LAMR0066	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/09/97-07/09/97	0	1	
LAMR0069	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/05/74-10/28/74	0	13	
LAMR0071	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/08/97-07/08/97	0	1	
LAMR0075	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/08/97-07/08/97	0	1	
LAMR0082	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/01/74-09/17/75	1	5	
LAMR0008	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	12	51	
LAMR0009	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/17/65-01/03/84	18	35	
LAMR0011	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-12/05/74	0	9	
LAMR0012	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/28/74	0	23	
LAMR0015	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	28	668	
LAMR0018	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-08/24/79	5	31	
LAMR0019	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	52	
LAMR0020	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	49	
LAMR0023	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	12	46	
LAMR0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	50	
LAMR0026	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	49	
LAMR0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-02/18/76	1	25	
LAMR0029	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	51	
LAMR0031	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-02/18/76	1	26	
LAMR0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-12/05/74	0	10	
LAMR0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-07/19/94	20	101	
LAMR0037	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/28/74	0	22	
LAMR0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-02/18/76	1	20	
LAMR0039	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	12	47	
LAMR0041	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-02/18/76	1	21	
LAMR0042	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/83-10/23/96	13	33	
LAMR0045	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-04/15/96	11	29	
LAMR0046	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-12/05/74	0	6	
LAMR0051	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-10/23/96	12	27	
LAMR0052	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-07/19/94	20	102	
LAMR0053	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-12/05/74	0	8	
LAMR0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/97-03/25/98	0	11	
LAMR0055	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/78-09/13/78	0	1	
LAMR0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/28/74	0	18	
LAMR0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-08/06/74	0	5	
LAMR0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/78-09/14/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0065	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/78-10/17/78	0	1	
LAMR0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/78-10/18/78	0	1	
LAMR0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/28/74	0	13	
LAMR0071	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/97-07/08/97	0	1	
LAMR0072	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/78-10/19/78	0	1	
LAMR0075	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/97-07/08/97	0	1	
LAMR0076	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-03/25/98	12	35	
LAMR0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-04/24/85	0	5	
LAMR0081	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	29	147	
LAMR0082	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	47	259	
LAMR0084	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-06/28/89	4	9	
LAMR0085	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-06/28/89	4	9	
LAMR0003	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/13/68-12/13/68	0	1	
LAMR0005	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/11/69-02/10/70	0	5	
LAMR0006	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	22	1883	
LAMR0007	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/13/68-12/13/68	0	1	
LAMR0011	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/18/74-12/05/74	0	9	
LAMR0014	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/18/69-02/10/70	0	12	
LAMR0015	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	16	434	
LAMR0016	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	8	415	
LAMR0018	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-08/24/79	10	41	
LAMR0021	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/10/70	1	13	
LAMR0028	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-02/18/76	7	46	
LAMR0031	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/18/74-02/18/76	1	26	
LAMR0032	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/18/74-12/05/74	0	10	
LAMR0034	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-07/02/85	16	56	
LAMR0036	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	8	307	
LAMR0038	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	7	96	
LAMR0041	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	7	34	
LAMR0046	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/17/69-12/05/74	5	26	
LAMR0047	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/13/68-02/10/70	1	14	
LAMR0049	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	8	270	
LAMR0052	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-07/02/85	16	65	
LAMR0053	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-12/05/74	5	19	
LAMR0058	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/10/70	1	10	
LAMR0059	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/10/70	1	11	
LAMR0061	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	05/12/69-07/15/69	0	2	
LAMR0062	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/18/74-08/06/74	0	5	
LAMR0063	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/27/69-04/22/75	6	64	
LAMR0068	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/10/69-01/20/70	0	6	
LAMR0070	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/10/69-01/20/70	0	6	
LAMR0073	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/05/69-01/20/70	0	5	
LAMR0076	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/85-04/24/85	0	5	
LAMR0077	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-11/11/69	0	8	
LAMR0078	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/85-04/24/85	0	5	
LAMR0080	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-01/20/70	1	7	
LAMR0081	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	16	114	
LAMR0084	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/85-04/24/85	0	5	
LAMR0085	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/85-04/24/85	0	4	
LAMR0008	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	12	49	
LAMR0015	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/68-08/13/69	0	8	
LAMR0019	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	51	
LAMR0020	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	48	
LAMR0023	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	12	44	
LAMR0025	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	49	
LAMR0026	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	48	
LAMR0029	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	12	50	
LAMR0039	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	12	45	
LAMR0042	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/83-10/23/96	13	31	
LAMR0045	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-04/15/96	11	27	
LAMR0051	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/24/84-10/23/96	12	27	
LAMR0081	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/12/68-07/29/69	0	8	
LAMR0006	Yes	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	17	1128	
LAMR0015	Yes	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	09/02/69-05/10/76	6	24	
LAMR0038	Yes	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/14/73-07/10/75	1	51	
LAMR0081	No	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	04/28/69-09/14/71	2	26	
LAMR0052	Yes	00024	SAMPLE LENGTH IN INCHES	04/24/91-04/24/91	0	1	
LAMR0082	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/28/82-02/19/97	14	86	
LAMR0009	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/29/81-01/03/84	2	3	
LAMR0082	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/08/58-02/19/97	38	112	
LAMR0009	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/29/78-01/03/84	5	6	
LAMR0082	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/19/38-02/19/97	58	408	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0012	Yes	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	10/28/74-10/28/74	0	2	
LAMR0037	Yes	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	10/28/74-10/28/74	0	1	
LAMR0057	Yes	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	10/28/74-10/28/74	0	1	
LAMR0069	Yes	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	10/28/74-10/28/74	0	1	
LAMR0082	No	00049	SURFACE AREA IN SQUARE MILES	07/12/48-09/01/62	14	278	
LAMR0009	Yes	00054	RESERVOIR STORAGE - ACRE FEET	12/30/69-07/18/74	4	15	
LAMR0082	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	16	655	
LAMR0054	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/17/97-03/25/98	0	12	
LAMR0066	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/97-07/09/97	0	1	
LAMR0071	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/97-07/08/97	0	1	
LAMR0075	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/97-07/08/97	0	1	
LAMR0076	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/28/94-06/23/98	4	24	
LAMR0081	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/23/70-06/23/98	28	73	
LAMR0082	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	58	552	
LAMR0011	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	4	7	
LAMR0015	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	24	86	
LAMR0018	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	4	9	
LAMR0028	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	4	9	
LAMR0031	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	4	9	
LAMR0034	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	4	9	
LAMR0038	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	4	9	
LAMR0041	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	03/14/87-08/04/92	5	9	
LAMR0046	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	4	9	
LAMR0052	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	4	12	
LAMR0053	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	4	10	
LAMR0062	Yes	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	05/03/76-09/01/92	16	33	
LAMR0009	Yes	00065	STAGE, STREAM (FEET)	01/03/84-01/03/84	0	1	
LAMR0082	No	00065	STAGE, STREAM (FEET)	07/27/83-03/14/85	1	10	
LAMR0005	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/11/69-12/02/69	0	4	
LAMR0006	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/30/68-01/12/70	1	17	
LAMR0011	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/18/74-08/06/74	0	2	
LAMR0014	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/18/69-07/15/69	0	5	
LAMR0015	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	11	68	
LAMR0016	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	8	376	
LAMR0018	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/24/79	10	8	
LAMR0021	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-07/15/69	0	6	
LAMR0028	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-08/18/75	6	13	
LAMR0031	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/18/74-08/06/74	0	2	
LAMR0032	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/18/74-08/06/74	0	2	
LAMR0034	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/27/79	10	10	
LAMR0036	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	8	296	
LAMR0038	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/06/74	5	10	
LAMR0041	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/06/74	5	9	
LAMR0046	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/17/69-08/06/74	5	7	
LAMR0047	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/18/69-07/15/69	0	6	
LAMR0049	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	8	262	
LAMR0052	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-08/27/79	10	19	
LAMR0053	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/06/74	5	6	
LAMR0058	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-07/15/69	0	3	
LAMR0059	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-01/12/70	0	10	
LAMR0061	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/12/69-07/15/69	0	2	
LAMR0062	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/06/74-08/06/74	0	1	
LAMR0063	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/69-04/22/75	6	64	
LAMR0068	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/10/69-08/05/69	0	2	
LAMR0070	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/10/69-08/05/69	0	2	
LAMR0073	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/05/69-08/05/69	0	1	
LAMR0077	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-11/11/69	0	6	
LAMR0080	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-01/20/70	1	7	
LAMR0081	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	12	83	
LAMR0082	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/70-08/24/78	7	46	
LAMR0012	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/28/74	0	23	
LAMR0037	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/28/74	0	22	
LAMR0057	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/28/74	0	18	
LAMR0069	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/28/74	0	13	
LAMR0082	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/20/78-08/26/86	7	46	
LAMR0012	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/28/74	0	4	
LAMR0015	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/09/76-01/31/89	12	44	
LAMR0018	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/16/77-08/24/79	1	3	
LAMR0034	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/16/77-01/31/89	11	19	
LAMR0037	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/28/74	0	4	
LAMR0052	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/16/77-01/31/89	11	20	
LAMR0057	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/28/74	0	4	

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Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0069	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/28/74	0	4	
LAMR0008	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	11	42	
LAMR0009	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/22/75-09/09/75	0	3	
LAMR0015	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/89-08/18/97	7	20	
LAMR0019	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	11	43	
LAMR0020	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	11	39	
LAMR0023	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	11	37	
LAMR0025	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	11	41	
LAMR0026	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	11	40	
LAMR0029	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	11	42	
LAMR0034	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/89-07/19/94	4	10	
LAMR0039	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	11	38	
LAMR0042	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	11	24	
LAMR0045	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-04/15/96	11	21	
LAMR0051	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/22/85-10/23/96	11	20	
LAMR0052	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/89-07/19/94	4	11	
LAMR0054	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/97-10/21/97	0	6	
LAMR0066	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/09/97-07/09/97	0	1	
LAMR0076	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/91-10/22/97	6	20	
LAMR0081	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/91-10/22/97	6	22	
LAMR0009	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/14/73-10/18/73	0	2	
LAMR0016	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	8	379	
LAMR0036	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	8	299	
LAMR0049	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	8	261	
LAMR0063	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	02/27/69-04/22/75	6	63	
LAMR0082	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/14/70-08/26/86	15	93	
LAMR0005	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/66-01/16/95	28	45	
LAMR0006	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	32	197	S
LAMR0008	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	9	23	
LAMR0011	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-12/05/74	0	10	
LAMR0012	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/28/74	0	23	
LAMR0014	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/67-09/16/68	1	6	
LAMR0015	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	26	543	T,A
LAMR0016	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	8	345	
LAMR0018	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/67-06/07/78	10	34	
LAMR0019	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	9	23	
LAMR0020	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	9	21	
LAMR0021	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/15/67-11/20/67	0	2	
LAMR0023	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	9	19	
LAMR0025	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	9	22	
LAMR0026	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	9	21	
LAMR0028	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/24/66-02/18/76	10	30	
LAMR0029	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	9	23	
LAMR0031	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-02/18/76	1	23	
LAMR0032	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-12/05/74	0	11	
LAMR0034	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-07/19/94	20	113	
LAMR0035	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/98-06/01/98	0	4	
LAMR0036	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	8	271	
LAMR0037	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/28/74	0	22	
LAMR0038	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/13/65-02/18/76	10	25	
LAMR0039	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	9	20	
LAMR0041	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-05/12/81	14	22	
LAMR0042	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	9	4	
LAMR0045	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-10/11/93	6	2	
LAMR0046	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/70-09/23/80	10	12	
LAMR0049	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	8	241	
LAMR0051	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/93-10/11/93	0	1	
LAMR0052	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/14/66-07/19/94	28	120	
LAMR0053	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-12/05/74	0	9	
LAMR0054	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/97-03/25/98	0	12	
LAMR0057	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/28/74	0	18	
LAMR0059	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	31	172	S
LAMR0061	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-06/01/98	23	20	
LAMR0063	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/27/69-04/22/75	6	63	
LAMR0066	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/97-07/09/97	0	1	
LAMR0068	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-06/16/74	0	2	
LAMR0069	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/28/74	0	13	
LAMR0070	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-06/16/74	0	2	
LAMR0071	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/97-07/08/97	0	1	
LAMR0073	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-06/16/74	0	2	
LAMR0075	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	07/08/97-07/08/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0076	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-03/25/98	12	35	
LAMR0077	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-06/16/74	0	4	
LAMR0078	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-04/24/85	0	5	
LAMR0080	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-04/24/87	13	7	
LAMR0081	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	26	100	
LAMR0084	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-06/28/89	4	9	
LAMR0085	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-06/28/89	4	9	
LAMR0009	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/17/65-01/03/84	18	39	
LAMR0011	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/05/74	0	3	
LAMR0012	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/28/74	0	23	
LAMR0015	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	24	163	
LAMR0018	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-08/24/79	5	12	
LAMR0028	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/18/76	1	8	
LAMR0031	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/08/88	13	31	
LAMR0037	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/28/74	0	22	
LAMR0038	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/18/76	1	8	
LAMR0041	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-06/12/81	6	9	
LAMR0046	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	18	57	
LAMR0053	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/05/74	0	3	
LAMR0057	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/28/74	0	18	
LAMR0062	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	18	83	
LAMR0069	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/28/74	0	13	
LAMR0076	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/85-04/23/85	0	1	
LAMR0078	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/85-04/23/85	0	1	
LAMR0081	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/68-04/22/87	18	82	
LAMR0082	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	48	915	T,A,S
LAMR0084	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/85-04/23/85	0	1	
LAMR0085	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/85-04/23/85	0	1	
LAMR0008	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	12	47	
LAMR0019	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	12	48	
LAMR0020	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	12	46	
LAMR0023	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	12	42	
LAMR0025	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	12	46	
LAMR0026	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	12	45	
LAMR0029	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	12	47	
LAMR0039	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	12	43	
LAMR0042	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/83-10/23/96	13	32	
LAMR0045	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-04/15/96	11	28	
LAMR0051	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/24/84-10/23/96	12	26	
LAMR0005	Yes	00300	OXYGEN, DISSOLVED MG/L	08/11/69-02/10/70	0	5	
LAMR0006	Yes	00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	24	1898	
LAMR0009	Yes	00300	OXYGEN, DISSOLVED MG/L	01/22/75-08/24/76	1	5	
LAMR0011	Yes	00300	OXYGEN, DISSOLVED MG/L	06/18/74-12/05/74	0	9	
LAMR0012	Yes	00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/28/74	0	20	
LAMR0014	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/67-02/10/70	2	16	
LAMR0015	Yes	00300	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	28	680	T,A
LAMR0016	Yes	00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	8	271	
LAMR0018	Yes	00300	OXYGEN, DISSOLVED MG/L	01/17/67-08/24/79	12	50	
LAMR0021	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/67-02/10/70	2	16	
LAMR0028	No	00300	OXYGEN, DISSOLVED MG/L	02/09/67-02/18/76	9	63	
LAMR0031	Yes	00300	OXYGEN, DISSOLVED MG/L	06/18/74-02/18/76	1	28	
LAMR0032	Yes	00300	OXYGEN, DISSOLVED MG/L	06/18/74-12/05/74	0	11	
LAMR0034	Yes	00300	OXYGEN, DISSOLVED MG/L	11/08/67-07/19/94	26	127	
LAMR0036	Yes	00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	8	192	
LAMR0037	Yes	00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/28/74	0	20	
LAMR0038	Yes	00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	9	121	
LAMR0041	Yes	00300	OXYGEN, DISSOLVED MG/L	02/09/67-02/18/76	9	48	
LAMR0046	Yes	00300	OXYGEN, DISSOLVED MG/L	04/17/67-12/05/74	7	35	
LAMR0047	Yes	00300	OXYGEN, DISSOLVED MG/L	08/19/68-02/10/70	1	15	
LAMR0049	Yes	00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	8	158	
LAMR0052	Yes	00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	27	141	
LAMR0053	Yes	00300	OXYGEN, DISSOLVED MG/L	01/21/69-12/05/74	5	18	
LAMR0054	Yes	00300	OXYGEN, DISSOLVED MG/L	04/17/97-03/25/98	0	12	
LAMR0057	Yes	00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/28/74	0	16	
LAMR0058	Yes	00300	OXYGEN, DISSOLVED MG/L	08/19/68-02/10/70	1	12	
LAMR0059	Yes	00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/10/70	3	22	
LAMR0061	Yes	00300	OXYGEN, DISSOLVED MG/L	08/19/68-07/15/69	0	3	
LAMR0062	Yes	00300	OXYGEN, DISSOLVED MG/L	06/18/74-08/06/74	0	5	
LAMR0063	Yes	00300	OXYGEN, DISSOLVED MG/L	09/11/69-04/22/75	5	63	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0066	No	00300	OXYGEN, DISSOLVED MG/L	07/09/97-07/09/97	0	1	
LAMR0068	No	00300	OXYGEN, DISSOLVED MG/L	08/03/68-01/20/70	1	8	
LAMR0069	Yes	00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/28/74	0	11	
LAMR0070	No	00300	OXYGEN, DISSOLVED MG/L	08/03/68-01/20/70	1	8	
LAMR0071	No	00300	OXYGEN, DISSOLVED MG/L	07/08/97-07/08/97	0	1	
LAMR0073	No	00300	OXYGEN, DISSOLVED MG/L	08/03/68-01/20/70	1	7	
LAMR0075	Yes	00300	OXYGEN, DISSOLVED MG/L	07/08/97-07/08/97	0	1	
LAMR0076	No	00300	OXYGEN, DISSOLVED MG/L	04/23/85-03/25/98	12	35	
LAMR0077	No	00300	OXYGEN, DISSOLVED MG/L	10/04/67-11/11/69	2	11	
LAMR0078	No	00300	OXYGEN, DISSOLVED MG/L	04/23/85-04/24/85	0	5	
LAMR0080	No	00300	OXYGEN, DISSOLVED MG/L	08/03/68-01/20/70	1	8	
LAMR0081	No	00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	29	149	
LAMR0082	No	00300	OXYGEN, DISSOLVED MG/L	09/20/64-02/19/97	32	166	S
LAMR0084	No	00300	OXYGEN, DISSOLVED MG/L	04/23/85-06/28/89	4	9	
LAMR0085	No	00300	OXYGEN, DISSOLVED MG/L	04/23/85-06/28/89	4	9	
LAMR0009	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/75-08/24/76	1	5	
LAMR0082	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/14/68-03/21/83	15	82	
LAMR0076	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0078	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-04/23/85	0	1	
LAMR0081	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0084	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0085	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0076	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0078	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-04/23/85	0	1	
LAMR0081	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0084	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0085	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0076	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0078	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-04/23/85	0	1	
LAMR0081	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0084	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0085	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0005	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/65-10/07/69	4	3	
LAMR0006	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	11/09/66-02/11/71	4	26	
LAMR0014	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/67-03/17/69	1	6	
LAMR0015	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/68-06/18/73	4	46	
LAMR0018	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/67-02/18/69	2	10	
LAMR0021	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	06/22/67-03/17/69	1	6	
LAMR0028	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/67-03/07/69	2	21	
LAMR0034	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	11/08/67-03/17/69	1	8	
LAMR0038	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	11/09/66-03/17/69	2	30	
LAMR0041	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	11/09/66-03/17/69	2	19	
LAMR0046	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	04/17/67-03/17/69	1	9	
LAMR0047	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/68-03/17/69	0	4	
LAMR0052	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/65-02/11/71	6	23	
LAMR0053	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/21/69-03/17/69	0	2	
LAMR0058	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/68-03/17/69	0	4	
LAMR0059	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/67-02/11/71	4	16	
LAMR0061	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/68-08/19/68	0	1	
LAMR0068	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/03/68-02/10/69	0	3	
LAMR0070	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/03/68-02/10/69	0	3	
LAMR0073	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/03/68-08/30/68	0	2	
LAMR0077	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/67-02/10/69	1	7	
LAMR0080	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/03/68-02/10/69	0	4	
LAMR0081	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/26/68-06/07/73	4	46	
LAMR0082	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/14/68-08/25/94	26	154	
LAMR0076	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0078	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-04/23/85	0	1	
LAMR0081	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0084	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0085	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	4	2	
LAMR0015	Yes	00335	COD, .025N K2CR2O7 MG/L	08/24/79-05/10/88	8	31	
LAMR0081	No	00335	COD, .025N K2CR2O7 MG/L	12/04/80-12/04/80	0	1	
LAMR0082	No	00335	COD, .025N K2CR2O7 MG/L	10/14/70-08/09/72	1	11	
LAMR0015	Yes	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/19/79-07/17/84	5	7	
LAMR0034	Yes	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/02/76-08/15/78	2	2	
LAMR0062	Yes	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/18/74-06/18/74	0	2	
LAMR0081	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/20/76-07/28/78	2	2	
LAMR0081	No	00340	COD, .25N K2CR2O7 MG/L	06/11/74-08/26/75	1	2	
LAMR0005	Yes	00400	PH (STANDARD UNITS)	02/01/65-01/16/95	29	51	
LAMR0006	Yes	00400	PH (STANDARD UNITS)	11/16/65-06/01/98	32	233	T,S
LAMR0009	Yes	00400	PH (STANDARD UNITS)	11/17/65-01/14/77	11	31	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0011	Yes	00400	PH (STANDARD UNITS)	06/18/74-12/05/74	0	8	
LAMR0012	Yes	00400	PH (STANDARD UNITS)	03/05/74-10/28/74	0	23	
LAMR0014	Yes	00400	PH (STANDARD UNITS)	08/17/67-10/05/71	4	13	
LAMR0015	Yes	00400	PH (STANDARD UNITS)	01/25/72-06/01/98	26	504	T,A
LAMR0016	Yes	00400	PH (STANDARD UNITS)	01/06/67-04/22/75	8	387	
LAMR0018	Yes	00400	PH (STANDARD UNITS)	06/23/67-08/24/79	12	38	
LAMR0021	Yes	00400	PH (STANDARD UNITS)	09/15/67-10/11/71	4	10	
LAMR0028	No	00400	PH (STANDARD UNITS)	01/24/66-02/18/76	10	43	
LAMR0031	Yes	00400	PH (STANDARD UNITS)	10/05/71-02/18/76	4	21	
LAMR0032	Yes	00400	PH (STANDARD UNITS)	06/18/74-12/05/74	0	10	
LAMR0034	Yes	00400	PH (STANDARD UNITS)	01/21/69-07/19/94	25	104	
LAMR0035	Yes	00400	PH (STANDARD UNITS)	03/02/98-06/01/98	0	4	
LAMR0036	Yes	00400	PH (STANDARD UNITS)	01/06/67-04/22/75	8	303	
LAMR0037	Yes	00400	PH (STANDARD UNITS)	03/05/74-10/28/74	0	22	
LAMR0038	Yes	00400	PH (STANDARD UNITS)	12/13/65-02/18/76	10	34	
LAMR0041	Yes	00400	PH (STANDARD UNITS)	12/20/66-05/12/81	14	27	
LAMR0046	Yes	00400	PH (STANDARD UNITS)	03/17/69-09/23/80	11	16	
LAMR0047	Yes	00400	PH (STANDARD UNITS)	02/18/69-10/11/71	2	8	
LAMR0049	Yes	00400	PH (STANDARD UNITS)	01/06/67-04/22/75	8	266	
LAMR0052	Yes	00400	PH (STANDARD UNITS)	02/01/65-07/19/94	29	128	
LAMR0053	Yes	00400	PH (STANDARD UNITS)	01/21/69-12/05/74	5	13	
LAMR0054	Yes	00400	PH (STANDARD UNITS)	04/17/97-03/25/98	0	12	
LAMR0055	No	00400	PH (STANDARD UNITS)	09/13/78-09/13/78	0	1	
LAMR0057	Yes	00400	PH (STANDARD UNITS)	03/05/74-10/28/74	0	18	
LAMR0058	Yes	00400	PH (STANDARD UNITS)	01/21/69-10/05/71	2	5	
LAMR0059	Yes	00400	PH (STANDARD UNITS)	12/20/66-06/01/98	31	189	S
LAMR0061	Yes	00400	PH (STANDARD UNITS)	05/12/69-07/15/69	0	2	
LAMR0062	Yes	00400	PH (STANDARD UNITS)	08/06/74-06/01/98	23	16	
LAMR0063	Yes	00400	PH (STANDARD UNITS)	09/11/69-04/22/75	5	63	
LAMR0064	No	00400	PH (STANDARD UNITS)	09/14/78-09/14/78	0	1	
LAMR0065	No	00400	PH (STANDARD UNITS)	10/17/78-10/17/78	0	1	
LAMR0066	No	00400	PH (STANDARD UNITS)	07/09/97-07/09/97	0	1	
LAMR0067	No	00400	PH (STANDARD UNITS)	10/18/78-10/18/78	0	1	
LAMR0068	No	00400	PH (STANDARD UNITS)	02/10/69-06/16/74	5	14	
LAMR0069	Yes	00400	PH (STANDARD UNITS)	03/05/74-10/28/74	0	13	
LAMR0070	No	00400	PH (STANDARD UNITS)	02/10/69-06/16/74	5	14	
LAMR0071	No	00400	PH (STANDARD UNITS)	07/08/97-07/08/97	0	1	
LAMR0072	No	00400	PH (STANDARD UNITS)	10/19/78-10/19/78	0	1	
LAMR0073	No	00400	PH (STANDARD UNITS)	08/05/69-06/16/74	4	11	
LAMR0075	Yes	00400	PH (STANDARD UNITS)	07/08/97-07/08/97	0	1	
LAMR0076	No	00400	PH (STANDARD UNITS)	04/23/85-03/25/98	12	35	
LAMR0077	No	00400	PH (STANDARD UNITS)	01/13/69-06/16/74	5	24	
LAMR0078	No	00400	PH (STANDARD UNITS)	04/23/85-04/24/85	0	5	
LAMR0080	No	00400	PH (STANDARD UNITS)	01/13/69-04/24/87	18	31	
LAMR0081	No	00400	PH (STANDARD UNITS)	02/22/72-03/25/98	26	95	
LAMR0082	No	00400	PH (STANDARD UNITS)	10/19/48-02/19/97	48	860	T,A,S
LAMR0084	No	00400	PH (STANDARD UNITS)	04/23/85-06/28/89	4	9	
LAMR0085	No	00400	PH (STANDARD UNITS)	04/23/85-06/28/89	4	9	
LAMR0009	Yes	00403	PH, LAB, STANDARD UNITS SU	02/13/81-01/03/84	2	4	
LAMR0011	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/05/74	0	3	
LAMR0015	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	29	168	
LAMR0018	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-08/24/79	5	12	
LAMR0028	No	00403	PH, LAB, STANDARD UNITS SU	06/18/74-02/18/76	1	8	
LAMR0031	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-05/10/88	13	32	
LAMR0038	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-02/18/76	1	8	
LAMR0041	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/12/81	6	9	
LAMR0046	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/07/92	18	59	
LAMR0053	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/05/74	0	3	
LAMR0062	Yes	00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	23	87	
LAMR0076	No	00403	PH, LAB, STANDARD UNITS SU	04/23/85-04/23/85	0	1	
LAMR0078	No	00403	PH, LAB, STANDARD UNITS SU	04/23/85-04/23/85	0	1	
LAMR0081	No	00403	PH, LAB, STANDARD UNITS SU	09/26/68-04/23/85	16	81	
LAMR0082	No	00403	PH, LAB, STANDARD UNITS SU	12/04/80-07/11/96	15	100	
LAMR0084	No	00403	PH, LAB, STANDARD UNITS SU	04/23/85-04/23/85	0	1	
LAMR0085	No	00403	PH, LAB, STANDARD UNITS SU	04/23/85-04/23/85	0	1	
LAMR0009	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/24/72-01/14/77	4	16	
LAMR0016	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	6	270	
LAMR0036	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	6	206	
LAMR0049	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	6	186	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0063	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/11/69-12/11/73	4	44	
LAMR0082	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	20	125	
LAMR0005	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/65-01/14/72	6	41	
LAMR0006	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	32	200	S
LAMR0009	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/65-01/03/84	18	38	
LAMR0012	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/28/74	0	23	
LAMR0014	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/67-10/05/71	4	8	
LAMR0015	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	22	147	
LAMR0016	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	8	379	
LAMR0018	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/67-08/24/79	12	11	
LAMR0021	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/67-10/11/71	4	4	
LAMR0028	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/66-10/25/73	7	13	
LAMR0031	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-10/05/71	0	2	
LAMR0034	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-07/19/94	22	38	
LAMR0036	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	8	298	
LAMR0037	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/28/74	0	22	
LAMR0038	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/13/65-10/11/71	5	9	
LAMR0041	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-06/12/81	14	5	
LAMR0046	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-09/23/80	10	6	
LAMR0047	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-10/11/71	0	2	
LAMR0049	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	8	264	
LAMR0052	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/65-07/19/94	29	60	
LAMR0053	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-10/11/71	0	2	
LAMR0054	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/17/97-01/28/98	0	4	
LAMR0055	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/78-09/13/78	0	2	
LAMR0057	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/28/74	0	18	
LAMR0058	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-10/05/71	0	2	
LAMR0059	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	31	167	S
LAMR0061	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	22	66	
LAMR0063	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/69-04/22/75	5	63	
LAMR0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/78-09/14/78	0	2	
LAMR0065	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/78-10/17/78	0	2	
LAMR0066	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/97-07/09/97	0	1	
LAMR0067	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/78-10/18/78	0	2	
LAMR0068	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/70-10/25/73	3	11	
LAMR0069	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/28/74	0	13	
LAMR0070	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/70-10/25/73	3	11	
LAMR0071	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/97-07/08/97	0	1	
LAMR0072	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/78-10/19/78	0	2	
LAMR0073	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/70-10/25/73	3	9	
LAMR0075	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/97-07/08/97	0	1	
LAMR0076	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/85-01/28/98	12	20	
LAMR0077	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/70-10/25/73	3	19	
LAMR0078	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/85-04/23/85	0	1	
LAMR0080	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/28/70-10/25/73	3	21	
LAMR0081	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/29/76-01/28/98	21	44	
LAMR0082	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	30	486	T,S
LAMR0084	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/85-04/23/85	0	1	
LAMR0085	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/85-04/23/85	0	1	
LAMR0005	Yes	00411	ALKALINITY,METHYLORANGE MG/L	01/11/94-01/16/95	1	6	
LAMR0006	Yes	00411	ALKALINITY,METHYLORANGE MG/L	03/02/98-06/01/98	0	4	
LAMR0035	Yes	00411	ALKALINITY,METHYLORANGE MG/L	03/02/98-06/01/98	0	4	
LAMR0055	No	00411	ALKALINITY,METHYLORANGE MG/L	09/13/78-09/13/78	0	1	
LAMR0059	Yes	00411	ALKALINITY,METHYLORANGE MG/L	03/02/98-06/01/98	0	4	
LAMR0064	No	00411	ALKALINITY,METHYLORANGE MG/L	09/14/78-09/14/78	0	1	
LAMR0065	No	00411	ALKALINITY,METHYLORANGE MG/L	10/17/78-10/17/78	0	1	
LAMR0067	No	00411	ALKALINITY,METHYLORANGE MG/L	10/18/78-10/18/78	0	1	
LAMR0072	No	00411	ALKALINITY,METHYLORANGE MG/L	10/19/78-10/19/78	0	1	
LAMR0005	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/66-01/16/95	28	45	
LAMR0006	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	32	197	S
LAMR0014	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/67-10/05/71	4	8	
LAMR0015	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/03/76-06/01/98	22	63	
LAMR0016	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	8	374	
LAMR0018	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/23/67-10/05/71	4	8	
LAMR0021	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/15/67-10/11/71	4	4	
LAMR0028	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/66-07/23/73	7	10	
LAMR0031	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/05/71-10/05/71	0	2	
LAMR0034	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/11/71-07/11/81	9	4	
LAMR0035	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/02/98-06/01/98	0	4	
LAMR0036	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	8	295	
LAMR0038	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/13/65-10/11/71	5	8	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0041	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/12/81	14	5	
LAMR0046	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/02/70-09/23/80	10	6	
LAMR0047	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/05/71-10/11/71	0	2	
LAMR0049	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	8	262	
LAMR0052	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/14/66-12/07/92	26	22	
LAMR0053	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/11/71-10/11/71	0	1	
LAMR0055	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/13/78-09/13/78	0	1	
LAMR0058	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/05/71-10/05/71	0	2	
LAMR0059	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	31	167	S
LAMR0061	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/03/76-06/01/98	22	56	
LAMR0063	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/11/69-04/22/75	5	63	
LAMR0068	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/10/70-08/23/71	1	7	
LAMR0070	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/10/70-08/23/71	1	7	
LAMR0072	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/19/78-10/19/78	0	1	
LAMR0073	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/13/70-08/23/71	0	5	
LAMR0077	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/12/70-09/04/73	3	11	
LAMR0080	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/28/70-09/04/73	3	17	
LAMR0082	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/08/80-10/08/80	0	1	
LAMR0005	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/01/65-01/14/72	6	41	
LAMR0006	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	32	194	S
LAMR0009	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/17/65-02/04/80	14	34	
LAMR0014	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/67-06/04/70	2	7	
LAMR0015	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/03/76-06/01/98	22	65	
LAMR0016	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	8	379	
LAMR0018	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/23/67-01/10/68	0	6	
LAMR0021	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/67-11/20/67	0	2	
LAMR0028	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/24/66-10/25/73	7	8	
LAMR0034	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/21/80-07/11/81	0	3	
LAMR0036	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	8	298	
LAMR0038	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/13/65-06/02/70	4	7	
LAMR0041	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-06/12/81	14	3	
LAMR0046	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/02/70-09/23/80	10	4	
LAMR0049	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	8	264	
LAMR0052	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/01/65-10/25/73	8	20	
LAMR0059	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	31	163	S
LAMR0061	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/03/76-06/01/98	22	54	
LAMR0063	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/11/69-04/22/75	5	63	
LAMR0068	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/10/70-10/25/73	3	8	
LAMR0070	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/10/70-10/25/73	3	8	
LAMR0073	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/13/70-10/25/73	3	6	
LAMR0077	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/12/70-10/25/73	3	12	
LAMR0080	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/28/70-10/25/73	3	17	
LAMR0082	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	39	761	T,A,S
LAMR0005	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/24/66-01/14/72	5	40	
LAMR0006	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	32	190	S
LAMR0009	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/17/65-02/04/80	14	34	
LAMR0014	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/17/67-06/04/70	2	7	
LAMR0015	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/03/76-06/01/98	22	63	
LAMR0016	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	8	371	
LAMR0018	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/23/67-01/10/68	0	6	
LAMR0021	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/67-11/20/67	0	2	
LAMR0028	No	00445	CARBONATE ION (MG/L AS CO3)	01/24/66-08/23/71	5	7	
LAMR0034	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/21/80-07/11/81	0	3	
LAMR0036	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	8	293	
LAMR0038	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/13/65-06/02/70	4	7	
LAMR0041	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/20/66-06/12/81	14	3	
LAMR0046	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/02/70-09/23/80	10	4	
LAMR0049	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	8	260	
LAMR0052	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/14/66-08/02/71	5	17	
LAMR0059	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	31	162	S
LAMR0061	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/03/76-06/01/98	22	54	
LAMR0063	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/11/69-04/22/75	5	63	
LAMR0068	No	00445	CARBONATE ION (MG/L AS CO3)	06/10/70-08/23/71	1	7	
LAMR0070	No	00445	CARBONATE ION (MG/L AS CO3)	06/10/70-08/23/71	1	7	
LAMR0073	No	00445	CARBONATE ION (MG/L AS CO3)	10/13/70-08/23/71	0	5	
LAMR0077	No	00445	CARBONATE ION (MG/L AS CO3)	05/12/70-08/31/71	1	8	
LAMR0080	No	00445	CARBONATE ION (MG/L AS CO3)	02/28/70-08/31/71	1	15	
LAMR0082	No	00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	30	628	T,S
LAMR0082	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/15/94-12/10/96	2	14	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0082	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/15/94-12/10/96	2	14	
LAMR0015	Yes	00480	SALINITY - PARTS PER THOUSAND	08/24/79-07/27/93	13	24	
LAMR0034	Yes	00480	SALINITY - PARTS PER THOUSAND	05/03/93-07/27/93	0	5	
LAMR0052	Yes	00480	SALINITY - PARTS PER THOUSAND	05/03/93-07/27/93	0	6	
LAMR0076	No	00480	SALINITY - PARTS PER THOUSAND	02/28/94-02/28/94	0	1	
LAMR0081	No	00480	SALINITY - PARTS PER THOUSAND	12/04/80-12/21/93	13	3	
LAMR0015	Yes	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	03/19/79-01/27/88	8	6	
LAMR0052	Yes	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	04/24/91-04/24/91	0	1	
LAMR0081	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/14/79-09/14/79	0	1	
LAMR0015	Yes	00500	RESIDUE, TOTAL (MG/L)	11/12/75-11/12/75	0	1	
LAMR0034	Yes	00500	RESIDUE, TOTAL (MG/L)	11/12/75-11/12/75	0	1	
LAMR0081	No	00500	RESIDUE, TOTAL (MG/L)	02/11/75-02/11/75	0	1	
LAMR0015	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/12/75-11/12/75	0	1	
LAMR0034	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/12/75-11/12/75	0	1	
LAMR0081	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/11/75-02/11/75	0	1	
LAMR0082	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/14/70-08/11/71	0	6	
LAMR0005	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/65-01/14/72	6	41	
LAMR0006	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	32	183	S
LAMR0011	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-12/05/74	0	3	
LAMR0014	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/67-09/16/68	1	6	
LAMR0015	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/25/72-02/24/98	26	90	
LAMR0018	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/67-08/24/79	12	18	
LAMR0021	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/15/67-11/20/67	0	2	
LAMR0028	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/66-02/18/76	10	16	
LAMR0031	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-07/19/94	20	41	
LAMR0038	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/13/65-02/18/76	10	14	
LAMR0041	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-05/12/81	14	10	
LAMR0046	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/70-09/23/80	10	7	
LAMR0052	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/65-07/19/94	29	59	
LAMR0053	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-12/05/74	0	3	
LAMR0059	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	31	158	S
LAMR0061	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-08/06/74	0	2	
LAMR0068	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/71-08/23/71	0	6	
LAMR0070	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/71-08/23/71	0	7	
LAMR0073	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/71-08/23/71	0	6	
LAMR0076	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-07/15/97	12	18	
LAMR0077	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/71-08/31/71	0	10	
LAMR0078	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-04/23/85	0	1	
LAMR0080	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/22/71-08/31/71	0	9	
LAMR0081	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/72-12/30/97	25	61	
LAMR0082	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/70-08/26/86	15	93	
LAMR0084	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-06/27/89	4	2	
LAMR0085	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-06/27/89	4	2	
LAMR0011	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-12/05/74	0	3	
LAMR0015	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/08/72-02/24/98	25	87	
LAMR0018	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-08/24/79	5	12	
LAMR0028	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-02/18/76	1	8	
LAMR0031	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-07/19/94	20	41	
LAMR0038	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-02/18/76	1	8	
LAMR0041	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-02/18/76	1	8	
LAMR0046	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-07/19/94	20	45	
LAMR0053	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-12/05/74	0	3	
LAMR0062	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-08/06/74	0	2	
LAMR0076	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-07/15/97	12	18	
LAMR0078	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-04/23/85	0	1	
LAMR0081	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/12/72-12/30/97	25	60	
LAMR0082	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/27/71-08/26/86	14	86	
LAMR0084	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-06/27/89	4	2	
LAMR0085	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-06/27/89	4	2	
LAMR0082	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/79-08/23/85	5	29	
LAMR0015	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/19/79-08/21/96	17	10	
LAMR0034	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	08/15/78-08/15/78	0	1	
LAMR0052	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/24/91-04/24/91	0	1	
LAMR0062	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/18/74-06/18/74	0	1	
LAMR0081	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	07/28/78-09/14/79	1	2	
LAMR0034	Yes	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	06/16/75-06/02/76	0	2	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0062	Yes	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	06/18/74-06/18/74	0	1	
LAMR0081	No	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	06/11/74-07/20/76	2	3	
LAMR0015	Yes	00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	08/21/96-08/18/97	0	3	
LAMR0076	No	00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	03/14/96-07/15/97	1	5	
LAMR0081	No	00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	08/05/96-07/15/97	0	2	
LAMR0082	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/01/74-03/21/83	8	49	
LAMR0082	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/14/70-03/21/83	12	73	
LAMR0081	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/15/94-04/30/96	1	7	
LAMR0082	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/13/93-11/07/96	3	23	
LAMR0002	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	0	12	
LAMR0009	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/22/75-08/24/76	1	6	
LAMR0011	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-12/05/74	0	3	
LAMR0012	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/28/74	0	23	
LAMR0013	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0015	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/25/72-02/24/98	26	91	
LAMR0018	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-08/24/79	5	12	
LAMR0028	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-02/18/76	1	8	
LAMR0030	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0031	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-07/19/94	20	42	
LAMR0037	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/28/74	0	22	
LAMR0038	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-02/18/76	1	8	
LAMR0041	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-02/18/76	1	8	
LAMR0046	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-07/19/94	20	45	
LAMR0053	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-12/05/74	0	3	
LAMR0054	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/17/97-10/21/97	0	3	
LAMR0057	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/28/74	0	18	
LAMR0060	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0062	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-08/06/74	0	2	
LAMR0066	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/97-07/09/97	0	1	
LAMR0069	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/28/74	0	13	
LAMR0071	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/97-07/08/97	0	1	
LAMR0074	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0075	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/97-07/08/97	0	1	
LAMR0076	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/85-01/28/98	12	21	
LAMR0078	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/85-04/23/85	0	1	
LAMR0081	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/72-01/28/98	25	65	
LAMR0082	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/16/69-11/17/92	22	136	
LAMR0083	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0084	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/85-06/27/89	4	2	
LAMR0085	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/85-06/27/89	4	2	
LAMR0081	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/30/96-04/30/96	0	1	
LAMR0082	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/63-11/07/96	33	106	S
LAMR0002	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	0	2	
LAMR0013	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	0	2	
LAMR0015	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/30/88-01/20/98	9	15	
LAMR0030	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	0	2	
LAMR0034	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/05/91-07/19/94	3	8	
LAMR0052	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/19/94	4	8	
LAMR0060	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	0	2	
LAMR0062	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/20/98-01/20/98	0	1	
LAMR0074	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/07/74-10/07/74	0	1	
LAMR0076	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-10/13/94	9	7	
LAMR0078	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-04/23/85	0	1	
LAMR0081	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-10/13/94	9	10	
LAMR0082	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/16/69-11/17/92	22	136	
LAMR0083	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	0	3	
LAMR0084	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-06/27/89	4	2	
LAMR0085	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-06/27/89	4	2	
LAMR0006	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/14/91-01/20/98	7	27	
LAMR0059	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/86-01/20/98	11	30	
LAMR0082	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/27/60-08/17/68	8	20	
LAMR0002	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	0	2	
LAMR0009	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/30/69-10/18/73	3	14	
LAMR0011	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-12/05/74	0	3	
LAMR0013	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	0	2	
LAMR0015	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/72-06/01/98	26	142	
LAMR0018	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-08/24/79	5	12	
LAMR0028	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-02/18/76	1	8	
LAMR0030	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	0	2	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0031	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-07/19/94	20	45	
LAMR0038	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-02/18/76	1	8	
LAMR0041	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-06/12/81	6	9	
LAMR0046	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-07/19/94	20	45	
LAMR0053	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-12/05/74	0	3	
LAMR0060	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	0	2	
LAMR0062	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-06/01/98	23	56	
LAMR0074	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/07/74	0	2	
LAMR0076	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/85-10/13/94	9	7	
LAMR0078	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/85-04/23/85	0	1	
LAMR0081	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/72-10/13/94	22	49	
LAMR0082	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	13	207	
LAMR0083	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	0	3	
LAMR0084	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/85-06/27/89	4	2	
LAMR0085	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/85-06/27/89	4	2	
LAMR0081	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/30/96-04/30/96	0	1	
LAMR0082	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/20/78-11/07/96	17	24	
LAMR0002	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	0	12	
LAMR0012	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/28/74	0	23	
LAMR0013	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0015	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/24/79-02/24/98	18	55	
LAMR0030	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0034	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/93-07/19/94	1	4	
LAMR0037	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/28/74	0	22	
LAMR0052	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/90-07/19/94	4	5	
LAMR0057	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/28/74	0	18	
LAMR0060	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0069	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/28/74	0	13	
LAMR0074	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0076	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-07/15/97	12	16	
LAMR0078	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-04/23/85	0	1	
LAMR0081	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/04/80-12/30/97	17	22	
LAMR0082	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/74-11/17/92	18	110	
LAMR0083	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0084	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-06/27/89	4	2	
LAMR0085	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-06/27/89	4	2	
LAMR0015	Yes	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	03/19/79-01/27/88	8	9	
LAMR0034	Yes	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0052	Yes	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/11/74-07/28/78	4	4	
LAMR0002	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	0	12	
LAMR0009	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/22/75-08/24/76	1	6	
LAMR0012	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/28/74	0	23	
LAMR0013	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0015	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/79-02/24/98	18	40	
LAMR0030	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0037	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/28/74	0	22	
LAMR0054	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/17/97-01/28/98	0	4	
LAMR0057	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/28/74	0	18	
LAMR0060	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0066	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/97-07/09/97	0	1	
LAMR0069	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/28/74	0	13	
LAMR0071	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/08/97-07/08/97	0	1	
LAMR0074	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0075	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/08/97-07/08/97	0	1	
LAMR0076	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/95-01/28/98	3	9	
LAMR0081	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/04/80-01/28/98	17	15	
LAMR0082	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/74-11/17/92	18	109	
LAMR0083	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	0	13	
LAMR0081	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/30/96-04/30/96	0	1	
LAMR0082	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/13/93-11/07/96	3	23	
LAMR0005	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/11/69-12/02/69	0	4	
LAMR0006	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/18/68-10/05/71	2	18	
LAMR0009	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/17/65-11/17/65	0	1	
LAMR0011	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/18/74-12/05/74	0	3	
LAMR0014	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-10/05/71	2	6	
LAMR0015	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/25/72-07/02/85	13	55	
LAMR0018	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-08/24/79	10	16	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0021	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-10/11/71	2	5	
LAMR0028	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-02/18/76	7	14	
LAMR0031	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/05/71-02/18/76	4	9	
LAMR0032	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-07/02/85	16	25	
LAMR0038	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-02/18/76	7	16	
LAMR0041	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-02/18/76	7	14	
LAMR0046	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/17/69-12/05/74	5	8	
LAMR0047	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-10/11/71	2	6	
LAMR0052	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-07/02/85	16	33	
LAMR0053	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/17/69-12/05/74	5	7	
LAMR0058	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/17/69-10/05/71	2	3	
LAMR0059	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-10/11/71	2	13	
LAMR0061	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/18/74-08/06/74	0	2	
LAMR0068	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/10/70-06/10/70	0	1	
LAMR0070	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/10/70-06/10/70	0	1	
LAMR0076	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/23/85-04/23/85	0	1	
LAMR0078	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/23/85-04/23/85	0	1	
LAMR0080	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/16/69-07/30/70	0	5	
LAMR0081	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/12/72-04/23/85	12	39	
LAMR0082	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	15	165	
LAMR0084	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/23/85-04/23/85	0	1	
LAMR0085	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/23/85-04/23/85	0	1	
LAMR0016	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	8	378	
LAMR0036	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	8	296	
LAMR0049	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	8	261	
LAMR0063	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	09/11/69-04/22/75	5	60	
LAMR0011	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-12/05/74	0	3	
LAMR0015	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/25/73-07/02/85	11	49	
LAMR0018	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-08/24/79	5	12	
LAMR0028	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-02/18/76	1	8	
LAMR0031	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-07/02/85	11	20	
LAMR0038	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-02/18/76	1	8	
LAMR0041	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-02/18/76	1	8	
LAMR0046	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-07/02/85	11	21	
LAMR0053	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-12/05/74	0	3	
LAMR0062	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-08/06/74	0	2	
LAMR0076	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/23/85-04/23/85	0	1	
LAMR0078	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/23/85-04/23/85	0	1	
LAMR0081	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/73-04/23/85	11	34	
LAMR0084	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/23/85-04/23/85	0	1	
LAMR0085	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/23/85-04/23/85	0	1	
LAMR0002	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	0	12	
LAMR0009	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/30/69-08/24/76	6	7	
LAMR0011	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-12/05/74	0	3	
LAMR0012	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/28/74	0	23	
LAMR0013	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	0	13	
LAMR0015	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/25/72-02/24/98	26	91	
LAMR0018	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-08/24/79	5	12	
LAMR0028	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-02/18/76	1	8	
LAMR0030	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	0	13	
LAMR0031	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-07/19/94	20	42	
LAMR0037	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/28/74	0	22	
LAMR0038	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-02/18/76	1	8	
LAMR0041	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-02/18/76	1	8	
LAMR0046	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-07/19/94	20	45	
LAMR0053	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-12/05/74	0	3	
LAMR0055	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/78-09/13/78	0	1	
LAMR0057	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/28/74	0	18	
LAMR0060	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	0	12	
LAMR0062	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-08/06/74	0	2	
LAMR0064	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/78-09/14/78	0	1	
LAMR0065	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/78-10/17/78	0	1	
LAMR0067	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/78-10/18/78	0	1	
LAMR0069	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/28/74	0	13	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0072	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/19/78-10/19/78	0	1	
LAMR0074	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	0	13	
LAMR0076	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-07/15/97	12	18	
LAMR0078	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-04/23/85	0	1	
LAMR0081	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/72-12/30/97	25	59	
LAMR0082	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/69-11/17/92	23	137	
LAMR0083	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	0	12	
LAMR0084	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-06/27/89	4	2	
LAMR0085	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-06/27/89	4	2	
LAMR0081	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/30/96-04/30/96	0	1	
LAMR0082	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/78-11/07/96	17	24	
LAMR0015	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/19/79-01/27/88	8	9	
LAMR0034	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0052	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0002	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	0	12	
LAMR0011	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-12/05/74	0	3	
LAMR0012	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/28/74	0	23	
LAMR0013	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	0	13	
LAMR0015	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/73-05/15/96	22	80	
LAMR0018	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-08/24/79	5	12	
LAMR0028	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-02/18/76	1	8	
LAMR0030	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	0	13	
LAMR0031	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-07/19/94	20	41	
LAMR0037	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/28/74	0	22	
LAMR0038	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-02/18/76	1	8	
LAMR0041	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-02/18/76	1	8	
LAMR0046	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-07/19/94	20	44	
LAMR0053	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-12/05/74	0	3	
LAMR0057	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/28/74	0	18	
LAMR0060	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	0	13	
LAMR0062	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-08/06/74	0	2	
LAMR0069	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/28/74	0	13	
LAMR0074	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	0	13	
LAMR0076	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/23/85-12/09/96	11	13	
LAMR0078	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/23/85-04/23/85	0	1	
LAMR0081	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/73-12/30/97	24	55	
LAMR0082	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/13/93-11/07/96	3	23	
LAMR0083	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	0	12	
LAMR0084	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/23/85-06/27/89	4	2	
LAMR0085	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/23/85-06/27/89	4	2	
LAMR0011	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-12/05/74	0	3	
LAMR0015	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/24/98	23	83	
LAMR0018	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-08/24/79	5	12	
LAMR0028	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/18/76	1	8	
LAMR0031	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/18/76	1	8	
LAMR0032	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-07/19/94	20	42	
LAMR0038	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/18/76	1	8	
LAMR0041	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/18/76	1	8	
LAMR0046	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-07/19/94	20	45	
LAMR0053	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-12/05/74	0	3	
LAMR0062	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-08/06/74	0	2	
LAMR0076	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/21/91-07/15/97	5	16	
LAMR0081	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/11/74-12/30/97	23	51	
LAMR0082	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/25/72-08/26/86	13	77	
LAMR0076	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-06/27/89	4	2	
LAMR0078	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-04/23/85	0	1	
LAMR0081	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-06/27/89	4	2	
LAMR0084	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-06/27/89	4	2	
LAMR0085	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-06/27/89	4	2	
LAMR0015	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/10/95-07/10/95	0	1	
LAMR0052	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/12/90-07/12/90	0	1	
LAMR0076	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/05/95-07/05/95	0	1	
LAMR0005	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/65-01/14/72	6	41	
LAMR0006	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	32	201	S
LAMR0009	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/65-01/07/83	17	37	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0014	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/67-10/05/71	4	8	
LAMR0015	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	22	66	
LAMR0016	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	8	379	
LAMR0018	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/67-10/05/71	4	8	
LAMR0021	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/67-10/11/71	4	4	
LAMR0028	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/24/66-06/16/74	8	14	
LAMR0031	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-10/05/71	0	2	
LAMR0034	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-07/11/81	9	5	
LAMR0036	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	8	298	
LAMR0038	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/13/65-10/11/71	5	9	
LAMR0041	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-06/12/81	14	5	
LAMR0046	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/02/70-09/23/80	10	6	
LAMR0047	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-10/11/71	0	2	
LAMR0049	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	8	265	
LAMR0052	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/65-07/19/94	29	25	
LAMR0053	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-06/25/75	3	3	
LAMR0058	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-10/05/71	0	2	
LAMR0059	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	31	169	S
LAMR0061	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	22	54	
LAMR0063	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/69-04/22/75	5	63	
LAMR0068	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/10/70-06/16/74	4	11	
LAMR0070	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/10/70-06/16/74	4	11	
LAMR0073	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/29/71-06/16/74	3	9	
LAMR0077	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/70-06/16/74	4	19	
LAMR0080	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/70-06/16/74	4	19	
LAMR0082	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	34	760	T,A,S
LAMR0009	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/17/65-01/07/83	17	37	
LAMR0082	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	34	740	T,A,S
LAMR0009	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/65-01/03/84	18	38	
LAMR0015	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/03/76-06/01/98	22	72	
LAMR0034	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/80-07/11/81	0	3	
LAMR0041	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/81-06/12/81	0	1	
LAMR0052	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/94-07/19/94	0	1	
LAMR0062	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/03/76-06/01/98	22	54	
LAMR0076	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/95-07/05/95	0	1	
LAMR0081	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/16/91-08/05/96	5	2	
LAMR0082	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	48	824	T,A,S
LAMR0005	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	02/01/65-01/14/72	6	40	
LAMR0006	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	32	201	S
LAMR0014	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/17/67-06/04/70	2	7	
LAMR0015	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/21/96-08/21/96	0	1	
LAMR0016	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	8	379	
LAMR0018	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/23/67-01/10/68	0	6	
LAMR0021	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/15/67-11/20/67	0	2	
LAMR0028	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/66-06/16/74	8	11	
LAMR0036	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	8	299	
LAMR0038	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	12/13/65-06/02/70	4	7	
LAMR0041	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/12/81	14	2	
LAMR0046	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/02/70-09/23/80	10	4	
LAMR0049	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	8	265	
LAMR0052	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	02/01/65-10/25/73	8	20	
LAMR0054	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	04/17/97-01/28/98	0	4	
LAMR0055	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	31	166	S
LAMR0061	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/15/69-07/15/69	0	1	
LAMR0063	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/11/69-04/22/75	5	63	
LAMR0064	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/14/78-09/14/78	0	1	
LAMR0065	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/17/78-10/17/78	0	1	
LAMR0066	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/09/97-07/09/97	0	1	
LAMR0067	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/18/78-10/18/78	0	1	
LAMR0068	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/10/70-06/16/74	4	12	
LAMR0070	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/10/70-06/16/74	4	12	
LAMR0071	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/08/97-07/08/97	0	1	
LAMR0072	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/19/78-10/19/78	0	1	
LAMR0073	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/13/70-06/16/74	3	10	
LAMR0075	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/08/97-07/08/97	0	1	
LAMR0076	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/17/97-01/28/98	0	3	
LAMR0077	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/12/70-06/16/74	4	20	
LAMR0080	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/28/70-06/16/74	4	21	
LAMR0081	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/17/97-01/28/98	0	3	
LAMR0009	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/65-01/03/84	18	38	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0015	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/03/76-06/01/98	22	72	
LAMR0034	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/80-07/11/81	0	3	
LAMR0041	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/81-06/12/81	0	1	
LAMR0052	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/94-07/19/94	0	1	
LAMR0062	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/03/76-06/01/98	22	54	
LAMR0076	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/95-01/28/98	2	3	
LAMR0081	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/91-01/28/98	7	4	
LAMR0082	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	48	824	T,A,S
LAMR0005	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/01/65-01/14/72	6	41	
LAMR0006	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	32	197	S
LAMR0014	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/67-06/04/70	2	7	
LAMR0015	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/21/96-08/21/96	0	1	
LAMR0016	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	8	379	
LAMR0018	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/23/67-01/10/68	0	6	
LAMR0021	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/15/67-11/20/67	0	2	
LAMR0028	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/66-10/25/73	7	10	
LAMR0036	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	8	298	
LAMR0038	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/13/65-06/02/70	4	7	
LAMR0041	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/12/81	14	2	
LAMR0046	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/02/70-09/23/80	10	4	
LAMR0049	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	8	264	
LAMR0052	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/01/65-10/25/73	8	20	
LAMR0054	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/17/97-01/28/98	0	3	
LAMR0055	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	31	165	S
LAMR0061	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/15/69-07/15/69	0	1	
LAMR0063	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/11/69-04/22/75	5	63	
LAMR0064	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/14/78-09/14/78	0	1	
LAMR0065	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/17/78-10/17/78	0	1	
LAMR0066	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/09/97-07/09/97	0	1	
LAMR0067	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/18/78-10/18/78	0	1	
LAMR0068	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/10/70-10/25/73	3	11	
LAMR0070	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/10/70-10/25/73	3	11	
LAMR0071	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/08/97-07/08/97	0	1	
LAMR0072	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/19/78-10/19/78	0	1	
LAMR0073	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/13/70-10/25/73	3	9	
LAMR0075	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/08/97-07/08/97	0	1	
LAMR0076	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/17/97-04/17/97	0	1	
LAMR0077	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/12/70-10/25/73	3	18	
LAMR0080	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/28/70-10/25/73	3	20	
LAMR0081	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/17/97-04/17/97	0	1	
LAMR0005	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/24/66-01/16/95	28	45	
LAMR0006	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	32	209	S
LAMR0014	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/17/67-06/04/70	2	7	
LAMR0018	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/23/67-01/10/68	0	5	
LAMR0021	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/15/67-11/20/67	0	2	
LAMR0028	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/24/66-08/23/71	5	8	
LAMR0035	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	03/02/98-06/01/98	0	4	
LAMR0038	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	12/13/65-06/02/70	4	6	
LAMR0041	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-05/12/81	14	2	
LAMR0046	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/02/70-09/23/80	10	4	
LAMR0052	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	01/14/66-08/02/71	5	18	
LAMR0054	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	04/17/97-01/28/98	0	3	
LAMR0055	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	31	177	S
LAMR0061	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/15/69-07/15/69	0	1	
LAMR0064	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/14/78-09/14/78	0	1	
LAMR0065	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/17/78-10/17/78	0	1	
LAMR0066	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/09/97-07/09/97	0	1	
LAMR0067	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/18/78-10/18/78	0	1	
LAMR0068	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/10/70-08/23/71	1	9	
LAMR0070	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/10/70-08/23/71	1	9	
LAMR0071	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/08/97-07/08/97	0	1	
LAMR0072	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/19/78-10/19/78	0	1	
LAMR0073	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/13/70-08/23/71	0	7	
LAMR0075	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/08/97-07/08/97	0	1	
LAMR0076	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/17/97-04/17/97	0	1	
LAMR0077	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/12/70-09/04/73	3	14	
LAMR0080	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/28/70-04/24/87	17	22	
LAMR0081	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/17/97-04/17/97	0	1	
LAMR0009	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/65-01/03/84	18	35	
LAMR0015	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	22	108	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0034	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/80-08/03/87	6	4	
LAMR0041	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/81-06/12/81	0	1	
LAMR0052	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/87-12/07/92	5	27	
LAMR0062	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	22	96	
LAMR0076	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/22/97-01/28/98	0	2	
LAMR0081	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/16/91-01/28/98	7	3	
LAMR0082	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	39	694	T,S
LAMR0009	Yes	00931	SODIUM ADSORPTION RATIO	11/17/65-01/07/83	17	38	
LAMR0082	No	00931	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	25	672	T,A
LAMR0009	Yes	00932	SODIUM, PERCENT	11/17/65-01/07/83	17	34	
LAMR0082	No	00932	SODIUM, PERCENT	10/19/48-01/06/83	34	328	T,S
LAMR0009	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	01/26/72-12/29/78	6	5	
LAMR0016	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	8	372	
LAMR0036	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	8	296	
LAMR0049	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	8	262	
LAMR0063	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/11/69-04/22/75	5	63	
LAMR0082	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	31	144	S
LAMR0009	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/65-01/03/84	18	33	
LAMR0015	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/03/93-11/10/93	0	4	
LAMR0081	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/91-01/16/91	0	1	
LAMR0082	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	37	305	T,S
LAMR0006	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/02/69-05/12/81	11	14	
LAMR0014	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/04/70-06/04/70	0	1	
LAMR0041	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/12/81-05/12/81	0	1	
LAMR0046	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/23/80-09/23/80	0	1	
LAMR0052	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/04/70-10/13/70	0	3	
LAMR0055	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/04/70-01/09/75	4	4	
LAMR0064	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/14/78-09/14/78	0	1	
LAMR0065	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/17/78-10/17/78	0	1	
LAMR0067	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/18/78-10/18/78	0	1	
LAMR0068	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/10/70-10/13/70	0	2	
LAMR0070	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/13/70-10/13/70	0	1	
LAMR0072	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/19/78-10/19/78	0	1	
LAMR0073	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/13/70-10/13/70	0	1	
LAMR0080	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/10/70-10/13/70	0	3	
LAMR0005	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-01/16/95	29	49	
LAMR0006	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	32	247	T,S
LAMR0009	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/17/65-01/03/84	18	40	
LAMR0011	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-12/05/74	0	3	
LAMR0014	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/67-10/05/71	4	15	
LAMR0015	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	29	237	T
LAMR0016	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	8	380	
LAMR0018	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/67-08/24/79	12	29	
LAMR0021	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/67-10/11/71	4	11	
LAMR0028	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/66-02/18/76	10	38	
LAMR0031	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/71-02/18/76	4	10	
LAMR0032	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/68-07/19/94	25	58	
LAMR0035	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/02/98-06/01/98	0	4	
LAMR0036	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	8	298	
LAMR0038	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/65-02/18/76	10	28	
LAMR0041	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/12/81	14	25	
LAMR0046	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/68-09/23/80	12	17	
LAMR0047	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/68-11/01/72	4	11	
LAMR0049	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	8	264	
LAMR0052	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	29	113	
LAMR0053	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/21/69-06/25/75	6	11	
LAMR0054	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/17/97-01/28/98	0	4	
LAMR0055	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/78-09/13/78	0	1	
LAMR0058	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/68-10/05/71	3	7	
LAMR0059	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	31	204	S
LAMR0061	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/68-07/15/69	0	3	
LAMR0062	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	23	99	
LAMR0063	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/69-04/22/75	5	63	
LAMR0064	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/78-09/14/78	0	1	
LAMR0066	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/97-07/09/97	0	1	
LAMR0067	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/18/78-10/18/78	0	1	
LAMR0068	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-06/16/74	5	16	
LAMR0070	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-06/16/74	5	16	
LAMR0071	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/97-07/08/97	0	1	
LAMR0072	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/78-10/19/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0073	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-06/16/74	5	12	
LAMR0075	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/97-07/08/97	0	1	
LAMR0076	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/85-01/28/98	12	21	
LAMR0077	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-06/16/74	5	32	
LAMR0078	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/85-04/23/85	0	1	
LAMR0080	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-04/24/87	18	35	
LAMR0081	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/68-01/28/98	29	108	
LAMR0082	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	48	902	T,A,S
LAMR0084	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/85-06/27/89	4	2	
LAMR0085	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/85-06/27/89	4	2	
LAMR0011	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-12/05/74	0	3	
LAMR0015	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/15/72-11/12/75	3	22	
LAMR0018	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	1	7	
LAMR0028	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	1	7	
LAMR0031	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	1	7	
LAMR0032	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	1	7	
LAMR0038	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	1	7	
LAMR0041	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	1	7	
LAMR0046	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-12/05/74	0	3	
LAMR0052	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	1	7	
LAMR0053	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-12/05/74	0	3	
LAMR0062	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/74-08/06/74	0	1	
LAMR0081	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/22/72-08/17/76	4	32	
LAMR0005	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/01/65-01/16/95	29	47	
LAMR0006	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	32	213	S
LAMR0009	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/65-01/03/84	18	38	
LAMR0011	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/74-12/05/74	0	3	
LAMR0014	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/67-10/05/71	4	10	
LAMR0015	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	29	200	
LAMR0016	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	8	388	
LAMR0018	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/67-08/24/79	12	23	
LAMR0021	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/67-10/11/71	4	6	
LAMR0028	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/66-02/18/76	10	23	
LAMR0031	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/71-02/18/76	4	10	
LAMR0032	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/74-12/05/74	0	3	
LAMR0034	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/18/69-07/19/94	25	49	
LAMR0035	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/02/98-06/01/98	0	4	
LAMR0036	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	8	303	
LAMR0038	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/65-02/18/76	10	21	
LAMR0041	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/12/81	14	16	
LAMR0046	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/69-09/23/80	11	12	
LAMR0047	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/18/69-10/11/71	2	5	
LAMR0049	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	8	264	
LAMR0052	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/01/65-07/19/94	29	75	
LAMR0053	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/69-06/25/75	5	7	
LAMR0054	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/17/97-01/28/98	0	4	
LAMR0055	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/78-09/13/78	0	1	
LAMR0058	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/69-10/05/71	2	3	
LAMR0059	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	31	177	S
LAMR0061	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/74-06/01/98	23	71	
LAMR0063	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/69-04/22/75	5	63	
LAMR0064	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/78-09/14/78	0	1	
LAMR0065	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/78-10/17/78	0	1	
LAMR0066	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/97-07/09/97	0	1	
LAMR0067	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/78-10/18/78	0	1	
LAMR0068	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/10/70-06/16/74	4	11	
LAMR0070	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/10/70-06/16/74	4	11	
LAMR0071	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/97-07/08/97	0	1	
LAMR0072	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/78-10/19/78	0	1	
LAMR0073	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/70-06/16/74	3	9	
LAMR0075	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/97-07/08/97	0	1	
LAMR0076	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/85-01/28/98	12	21	
LAMR0077	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/70-06/16/74	4	19	
LAMR0078	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/85-04/23/85	0	1	
LAMR0080	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/20/70-06/16/74	4	21	
LAMR0081	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/68-01/28/98	29	100	
LAMR0082	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	48	896	T,A,S
LAMR0084	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/85-06/27/89	4	2	
LAMR0085	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/85-06/27/89	4	2	
LAMR0005	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/24/66-01/14/72	5	40	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0006	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	32	185	S
LAMR0009	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/65-01/03/84	18	35	
LAMR0014	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/67-06/04/70	2	7	
LAMR0015	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/03/76-06/01/98	22	65	
LAMR0016	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	8	372	
LAMR0018	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/67-01/10/68	0	6	
LAMR0021	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/67-11/20/67	0	2	
LAMR0028	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/24/66-06/16/74	8	5	
LAMR0034	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/80-07/11/81	0	3	
LAMR0036	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	8	293	
LAMR0038	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/13/65-06/02/70	4	6	
LAMR0041	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-06/12/81	14	3	
LAMR0046	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/02/70-09/23/80	10	4	
LAMR0049	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	8	259	
LAMR0052	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/14/66-10/25/73	7	14	
LAMR0053	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/25/75-06/25/75	0	1	
LAMR0059	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	31	157	S
LAMR0061	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/15/69-07/15/69	0	1	
LAMR0062	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/03/76-06/01/98	22	54	
LAMR0063	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/11/69-04/22/75	5	62	
LAMR0068	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/70-06/16/74	3	3	
LAMR0070	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/70-06/16/74	3	3	
LAMR0073	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/70-06/16/74	3	3	
LAMR0077	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/25/73-06/16/74	0	4	
LAMR0080	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/70-06/16/74	3	3	
LAMR0081	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/16/91-01/16/91	0	1	
LAMR0082	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	39	728	T,A,S
LAMR0009	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/65-01/03/84	18	38	
LAMR0015	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/03/93-11/10/93	0	4	
LAMR0081	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/16/91-01/16/91	0	1	
LAMR0082	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	47	844	T,A,S
LAMR0015	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/12/90-07/19/94	4	3	
LAMR0054	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/09/97-08/14/97	0	2	
LAMR0076	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/05/95-07/05/95	0	1	
LAMR0081	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/05/96-08/05/96	0	1	
LAMR0082	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/14/70-06/05/96	25	71	
LAMR0006	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/88-02/15/88	0	1	
LAMR0015	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/16/74-08/21/96	22	3	
LAMR0034	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/27/79-08/27/79	0	1	
LAMR0052	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/27/79-07/21/92	12	3	
LAMR0055	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/13/78-09/13/78	0	1	
LAMR0064	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/14/78-09/14/78	0	1	
LAMR0065	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/17/78-10/17/78	0	1	
LAMR0067	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/78-10/18/78	0	1	
LAMR0072	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/19/78-10/19/78	0	1	
LAMR0080	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/88-02/15/88	0	1	
LAMR0015	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/16/75-01/14/80	4	6	
LAMR0040	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/27/79-07/19/94	14	4	
LAMR0054	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0015	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	07/22/83-04/18/96	12	6	
LAMR0052	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/21/89-05/11/94	4	10	
LAMR0052	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/90-07/27/93	3	2	
LAMR0054	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/97-08/14/97	0	2	
LAMR0082	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/06/76-06/05/96	19	48	
LAMR0004	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	06/09/72-06/09/72	0	1	
LAMR0006	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	02/15/88-07/19/93	5	3	
LAMR0015	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	07/16/74-07/16/74	0	1	
LAMR0048	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	06/09/72-06/09/72	0	1	
LAMR0052	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/24/91-04/24/91	0	1	
LAMR0055	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/13/78-09/13/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0059	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/12/93-07/19/93	0	2	
LAMR0064	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/14/78-09/14/78	0	1	
LAMR0065	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/17/78-10/17/78	0	1	
LAMR0067	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/18/78-10/18/78	0	1	
LAMR0072	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/19/78-10/19/78	0	1	
LAMR0079	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/09/72-06/09/72	0	1	
LAMR0080	No	01007	BARIUM, TOTAL (UG/L AS BA)	02/15/88-02/15/88	0	1	
LAMR0015	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/13/80-08/21/96	16	9	
LAMR0052	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/24/91-04/24/91	0	1	
LAMR0081	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/14/79-09/14/79	0	1	
LAMR0082	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/14/89-07/16/91	1	2	
LAMR0006	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/12/93-07/19/93	0	2	
LAMR0055	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/12/93-07/19/93	0	2	
LAMR0064	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/14/78-09/14/78	0	1	
LAMR0065	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/17/78-10/17/78	0	1	
LAMR0067	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/18/78-10/18/78	0	1	
LAMR0072	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/19/78-10/19/78	0	1	
LAMR0009	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/17/65-01/04/74	8	9	
LAMR0082	No	01020	BORON, DISSOLVED (UG/L AS B)	01/16/74-02/18/76	2	8	
LAMR0004	Yes	01022	BORON, TOTAL (UG/L AS B)	06/09/72-06/09/72	0	1	
LAMR0048	Yes	01022	BORON, TOTAL (UG/L AS B)	06/06/71-06/09/72	1	2	
LAMR0055	No	01022	BORON, TOTAL (UG/L AS B)	09/13/78-09/13/78	0	1	
LAMR0064	No	01022	BORON, TOTAL (UG/L AS B)	09/14/78-09/14/78	0	1	
LAMR0065	No	01022	BORON, TOTAL (UG/L AS B)	10/17/78-10/17/78	0	1	
LAMR0067	No	01022	BORON, TOTAL (UG/L AS B)	10/18/78-10/18/78	0	1	
LAMR0072	No	01022	BORON, TOTAL (UG/L AS B)	10/19/78-10/19/78	0	1	
LAMR0079	No	01022	BORON, TOTAL (UG/L AS B)	06/09/72-06/09/72	0	1	
LAMR0015	Yes	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	02/16/82-07/17/84	2	3	
LAMR0015	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/12/90-07/19/94	4	3	
LAMR0054	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/09/97-08/14/97	0	2	
LAMR0076	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/05/95-07/05/95	0	1	
LAMR0081	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/96-08/05/96	0	1	
LAMR0082	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/14/70-06/05/96	25	71	
LAMR0004	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/72-06/09/72	0	1	
LAMR0006	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/88-02/15/88	0	1	
LAMR0015	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/16/74-08/21/96	22	2	
LAMR0048	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/72-06/09/72	0	1	
LAMR0052	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/24/91-07/21/92	1	2	
LAMR0079	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/72-06/09/72	0	1	
LAMR0080	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/88-02/15/88	0	1	
LAMR0015	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0040	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0054	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0015	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0040	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0054	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0015	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/90-07/19/94	4	3	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0054	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/97-08/14/97	0	2	
LAMR0076	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/05/95-07/05/95	0	1	
LAMR0081	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/05/96-08/05/96	0	1	
LAMR0082	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/28/71-06/05/96	25	70	
LAMR0082	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/14/70-10/14/70	0	1	
LAMR0006	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/88-07/19/93	5	3	
LAMR0015	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/16/74-08/21/96	22	2	
LAMR0052	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/24/91-07/21/92	1	2	
LAMR0055	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/12/93-07/19/93	0	2	
LAMR0064	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/14/78-09/14/78	0	1	
LAMR0065	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/78-10/17/78	0	1	
LAMR0067	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/78-10/18/78	0	1	
LAMR0072	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/78-10/19/78	0	1	
LAMR0080	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/88-02/15/88	0	1	
LAMR0082	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/28/71-01/28/71	0	1	
LAMR0082	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/14/70-07/16/91	20	25	
LAMR0055	No	01037	COBALT, TOTAL (UG/L AS CO)	09/13/78-09/13/78	0	1	
LAMR0064	No	01037	COBALT, TOTAL (UG/L AS CO)	09/14/78-09/14/78	0	1	
LAMR0065	No	01037	COBALT, TOTAL (UG/L AS CO)	10/17/78-10/17/78	0	1	
LAMR0067	No	01037	COBALT, TOTAL (UG/L AS CO)	10/18/78-10/18/78	0	1	
LAMR0072	No	01037	COBALT, TOTAL (UG/L AS CO)	10/19/78-10/19/78	0	1	
LAMR0015	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/90-07/19/94	4	3	
LAMR0054	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/97-08/14/97	0	2	
LAMR0076	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/05/95-07/05/95	0	1	
LAMR0081	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/05/96-08/05/96	0	1	
LAMR0082	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/14/70-06/05/96	25	71	
LAMR0006	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/12/93-07/19/93	0	2	
LAMR0015	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/16/74-08/21/96	22	2	
LAMR0052	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/24/91-07/21/92	1	2	
LAMR0055	No	01042	COPPER, TOTAL (UG/L AS CU)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/12/93-07/19/93	0	2	
LAMR0064	No	01042	COPPER, TOTAL (UG/L AS CU)	09/14/78-09/14/78	0	1	
LAMR0065	No	01042	COPPER, TOTAL (UG/L AS CU)	10/17/78-10/17/78	0	1	
LAMR0067	No	01042	COPPER, TOTAL (UG/L AS CU)	10/18/78-10/18/78	0	1	
LAMR0072	No	01042	COPPER, TOTAL (UG/L AS CU)	10/19/78-10/19/78	0	1	
LAMR0015	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0040	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0054	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0005	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/01/65-01/12/71	5	35	
LAMR0006	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/16/65-07/19/93	27	97	
LAMR0014	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/17/67-09/16/68	1	6	
LAMR0015	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/16/74-07/16/74	0	1	
LAMR0016	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	8	313	
LAMR0018	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/23/67-01/10/68	0	5	
LAMR0021	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/15/67-11/20/67	0	2	
LAMR0028	No	01045	IRON, TOTAL (UG/L AS FE)	01/24/66-10/25/73	7	4	
LAMR0036	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	8	241	
LAMR0038	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/16/66-06/02/70	4	5	
LAMR0041	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/20/66-12/20/66	0	1	
LAMR0046	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/02/70-06/02/70	0	1	
LAMR0049	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	8	211	
LAMR0052	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/01/65-04/24/91	26	13	
LAMR0055	No	01045	IRON, TOTAL (UG/L AS FE)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/20/66-07/19/93	26	74	
LAMR0061	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/15/69-07/15/69	0	1	
LAMR0063	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/11/69-04/22/75	5	45	
LAMR0064	No	01045	IRON, TOTAL (UG/L AS FE)	09/14/78-09/14/78	0	1	
LAMR0065	No	01045	IRON, TOTAL (UG/L AS FE)	10/17/78-10/17/78	0	1	
LAMR0067	No	01045	IRON, TOTAL (UG/L AS FE)	10/18/78-10/18/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0068	No	01045	IRON, TOTAL (UG/L AS FE)	10/25/73-10/25/73	0	1	
LAMR0070	No	01045	IRON, TOTAL (UG/L AS FE)	10/25/73-10/25/73	0	1	
LAMR0072	No	01045	IRON, TOTAL (UG/L AS FE)	10/19/78-10/19/78	0	1	
LAMR0073	No	01045	IRON, TOTAL (UG/L AS FE)	10/25/73-10/25/73	0	1	
LAMR0077	No	01045	IRON, TOTAL (UG/L AS FE)	09/04/73-10/25/73	0	4	
LAMR0080	No	01045	IRON, TOTAL (UG/L AS FE)	07/30/70-10/25/73	3	3	
LAMR0009	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/30/69-08/24/76	6	8	
LAMR0052	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/90-07/27/93	3	2	
LAMR0082	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/14/70-06/05/96	25	71	
LAMR0015	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/90-07/19/94	4	3	
LAMR0054	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/97-08/14/97	0	2	
LAMR0076	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/05/95-07/05/95	0	1	
LAMR0081	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/05/96-08/05/96	0	1	
LAMR0082	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/14/70-06/05/96	25	71	
LAMR0006	Yes	01051	LEAD, TOTAL (UG/L AS PB)	02/15/88-02/15/88	0	1	
LAMR0015	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/16/74-08/21/96	22	2	
LAMR0052	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/24/91-07/21/92	1	2	
LAMR0080	No	01051	LEAD, TOTAL (UG/L AS PB)	02/15/88-02/15/88	0	1	
LAMR0015	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0040	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0054	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/74-06/18/74	0	1	
LAMR0081	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0015	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0040	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0056	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0005	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/24/66-01/12/71	4	34	
LAMR0006	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/16/65-07/19/93	27	115	
LAMR0009	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/17/65-11/17/65	0	1	
LAMR0014	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/17/67-10/05/71	4	7	
LAMR0015	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/16/74-07/16/74	0	1	
LAMR0016	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/23/67-03/16/67	0	2	
LAMR0018	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/67-10/05/71	4	8	
LAMR0021	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/15/67-10/11/71	4	4	
LAMR0028	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/66-10/25/73	7	7	
LAMR0031	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/05/71	0	2	
LAMR0034	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/11/71	0	2	
LAMR0036	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/23/67-03/16/67	0	2	
LAMR0038	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	12/13/65-10/11/71	5	9	
LAMR0041	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	12/20/66-10/05/71	4	3	
LAMR0046	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/02/70-10/11/71	1	3	
LAMR0047	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/11/71	0	2	
LAMR0052	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	01/14/66-04/24/91	25	16	
LAMR0053	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/11/71	0	2	
LAMR0055	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/13/78-09/13/78	0	1	
LAMR0058	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/05/71	0	2	
LAMR0059	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	12/20/66-07/19/93	26	78	
LAMR0061	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/15/69-07/15/69	0	1	
LAMR0064	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/14/78-09/14/78	0	1	
LAMR0065	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/78-10/17/78	0	1	
LAMR0067	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/18/78-10/18/78	0	1	
LAMR0068	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/13/70-10/25/73	3	3	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0070	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/13/70-10/25/73	3	3	
LAMR0072	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/19/78-10/19/78	0	1	
LAMR0073	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/13/70-10/25/73	3	3	
LAMR0077	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/13/70-09/04/73	2	3	
LAMR0080	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/20/70-09/04/73	3	4	
LAMR0009	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/30/69-08/24/76	6	7	
LAMR0052	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/90-07/27/93	3	2	
LAMR0082	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/14/70-06/05/96	25	71	
LAMR0052	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/90-07/27/93	3	2	
LAMR0082	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/14/89-07/16/91	1	2	
LAMR0052	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	04/24/91-04/24/91	0	1	
LAMR0055	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	09/13/78-09/13/78	0	1	
LAMR0064	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	09/14/78-09/14/78	0	1	
LAMR0065	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/17/78-10/17/78	0	1	
LAMR0067	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/18/78-10/18/78	0	1	
LAMR0072	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/19/78-10/19/78	0	1	
LAMR0015	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/90-07/19/94	4	3	
LAMR0054	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/97-08/14/97	0	2	
LAMR0076	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/05/95-07/05/95	0	1	
LAMR0081	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/05/96-08/05/96	0	1	
LAMR0082	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/14/70-07/16/91	20	25	
LAMR0006	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/12/93-07/19/93	0	2	
LAMR0015	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	07/16/74-08/21/96	22	2	
LAMR0052	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/24/91-07/21/92	1	2	
LAMR0055	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/12/93-07/19/93	0	2	
LAMR0064	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/14/78-09/14/78	0	1	
LAMR0065	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/17/78-10/17/78	0	1	
LAMR0067	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/18/78-10/18/78	0	1	
LAMR0072	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/19/78-10/19/78	0	1	
LAMR0015	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0040	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0054	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0015	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/90-07/19/94	4	3	
LAMR0054	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/97-08/14/97	0	2	
LAMR0076	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/05/95-07/05/95	0	1	
LAMR0081	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/96-08/05/96	0	1	
LAMR0082	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/06/76-06/05/96	19	49	
LAMR0006	Yes	01077	SILVER, TOTAL (UG/L AS AG)	02/15/88-07/19/93	5	3	
LAMR0015	Yes	01077	SILVER, TOTAL (UG/L AS AG)	07/16/74-08/21/96	22	2	
LAMR0052	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/24/91-07/21/92	1	2	
LAMR0055	No	01077	SILVER, TOTAL (UG/L AS AG)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/12/93-07/19/93	0	2	
LAMR0064	No	01077	SILVER, TOTAL (UG/L AS AG)	09/14/78-09/14/78	0	1	
LAMR0065	No	01077	SILVER, TOTAL (UG/L AS AG)	10/17/78-10/17/78	0	1	
LAMR0067	No	01077	SILVER, TOTAL (UG/L AS AG)	10/18/78-10/18/78	0	1	
LAMR0072	No	01077	SILVER, TOTAL (UG/L AS AG)	10/19/78-10/19/78	0	1	
LAMR0080	No	01077	SILVER, TOTAL (UG/L AS AG)	02/15/88-02/15/88	0	1	
LAMR0015	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0040	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0054	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0062	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0082	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/14/70-07/16/91	20	25	
LAMR0004	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	06/09/72-06/09/72	0	1	
LAMR0048	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	06/09/72-06/09/72	0	1	
LAMR0055	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	09/13/78-09/13/78	0	1	
LAMR0064	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	09/14/78-09/14/78	0	1	
LAMR0065	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	10/17/78-10/17/78	0	1	
LAMR0067	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	10/18/78-10/18/78	0	1	
LAMR0072	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	10/19/78-10/19/78	0	1	
LAMR0079	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	06/09/72-06/09/72	0	1	
LAMR0082	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	11/14/89-07/16/91	1	2	
LAMR0055	No	01087	VANADIUM, TOTAL (UG/L AS V)	09/13/78-09/13/78	0	1	
LAMR0064	No	01087	VANADIUM, TOTAL (UG/L AS V)	09/14/78-09/14/78	0	1	
LAMR0065	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/17/78-10/17/78	0	1	
LAMR0067	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/18/78-10/18/78	0	1	
LAMR0072	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/19/78-10/19/78	0	1	
LAMR0015	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/90-07/19/94	4	3	
LAMR0054	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/97-07/09/97	0	1	
LAMR0076	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/05/95-07/05/95	0	1	
LAMR0081	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/96-08/05/96	0	1	
LAMR0082	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/14/70-06/05/96	25	71	
LAMR0004	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/09/72-06/09/72	0	1	
LAMR0006	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/12/93-07/19/93	0	2	
LAMR0015	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/16/74-08/21/96	22	2	
LAMR0048	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/06/71-06/09/72	1	2	
LAMR0052	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/24/91-07/21/92	1	2	
LAMR0055	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/12/93-07/19/93	0	2	
LAMR0064	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/14/78-09/14/78	0	1	
LAMR0065	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/17/78-10/17/78	0	1	
LAMR0067	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/18/78-10/18/78	0	1	
LAMR0072	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/19/78-10/19/78	0	1	
LAMR0079	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/09/72-06/09/72	0	1	
LAMR0015	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0040	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0054	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0005	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/01/65-02/01/65	0	1	
LAMR0006	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/30/70-07/19/93	22	3	
LAMR0015	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/21/96-08/21/96	0	1	
LAMR0052	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/30/70-04/24/91	20	2	
LAMR0055	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/13/78-09/13/78	0	1	
LAMR0059	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/30/70-07/19/93	22	3	
LAMR0064	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/78-09/14/78	0	1	
LAMR0065	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/17/78-10/17/78	0	1	
LAMR0067	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/18/78-10/18/78	0	1	
LAMR0072	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/19/78-10/19/78	0	1	
LAMR0080	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/30/70-07/30/70	0	1	
LAMR0015	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/90-07/19/94	4	3	
LAMR0054	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/97-07/09/97	0	1	
LAMR0076	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/05/95-07/05/95	0	1	
LAMR0081	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/96-08/05/96	0	1	
LAMR0082	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/14/70-08/03/76	5	23	
LAMR0015	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/21/96-08/21/96	0	1	
LAMR0054	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0055	No	01112	CERIUM, TOTAL (UG/L AS CE)	09/13/78-09/13/78	0	1	
LAMR0064	No	01112	CERIUM, TOTAL (UG/L AS CE)	09/14/78-09/14/78	0	1	
LAMR0065	No	01112	CERIUM, TOTAL (UG/L AS CE)	10/17/78-10/17/78	0	1	

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Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0067	No	01112	CERIUM, TOTAL (UG/L AS CE)	10/18/78-10/18/78	0	1	
LAMR0072	No	01112	CERIUM, TOTAL (UG/L AS CE)	10/19/78-10/19/78	0	1	
LAMR0082	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/14/70-07/16/91	20	25	
LAMR0055	No	01132	LITHIUM, TOTAL (UG/L AS LI)	09/13/78-09/13/78	0	1	
LAMR0064	No	01132	LITHIUM, TOTAL (UG/L AS LI)	09/14/78-09/14/78	0	1	
LAMR0065	No	01132	LITHIUM, TOTAL (UG/L AS LI)	10/17/78-10/17/78	0	1	
LAMR0067	No	01132	LITHIUM, TOTAL (UG/L AS LI)	10/18/78-10/18/78	0	1	
LAMR0072	No	01132	LITHIUM, TOTAL (UG/L AS LI)	10/19/78-10/19/78	0	1	
LAMR0016	Yes	01142	SILICON, TOTAL (UG/L AS SI)	01/06/67-12/16/69	2	218	
LAMR0036	Yes	01142	SILICON, TOTAL (UG/L AS SI)	01/06/67-12/16/69	2	167	
LAMR0049	Yes	01142	SILICON, TOTAL (UG/L AS SI)	01/06/67-12/16/69	2	147	
LAMR0055	No	01142	SILICON, TOTAL (UG/L AS SI)	09/13/78-09/13/78	0	1	
LAMR0063	Yes	01142	SILICON, TOTAL (UG/L AS SI)	09/11/69-12/16/69	0	7	
LAMR0064	No	01142	SILICON, TOTAL (UG/L AS SI)	09/14/78-09/14/78	0	1	
LAMR0065	No	01142	SILICON, TOTAL (UG/L AS SI)	10/17/78-10/17/78	0	1	
LAMR0067	No	01142	SILICON, TOTAL (UG/L AS SI)	10/18/78-10/18/78	0	1	
LAMR0072	No	01142	SILICON, TOTAL (UG/L AS SI)	10/19/78-10/19/78	0	1	
LAMR0015	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/12/90-07/19/94	4	3	
LAMR0076	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/05/95-07/05/95	0	1	
LAMR0081	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/05/96-08/05/96	0	1	
LAMR0082	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/06/76-06/05/96	19	48	
LAMR0006	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/88-02/15/88	0	1	
LAMR0015	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/16/74-02/24/98	23	4	
LAMR0052	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/24/91-07/21/92	1	2	
LAMR0054	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/09/97-08/14/97	0	2	
LAMR0055	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/78-09/13/78	0	1	
LAMR0064	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-09/14/78	0	1	
LAMR0065	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/17/78-10/17/78	0	1	
LAMR0067	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/18/78-10/18/78	0	1	
LAMR0072	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/19/78-10/19/78	0	1	
LAMR0080	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/88-02/15/88	0	1	
LAMR0081	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/05/96-08/05/96	0	1	
LAMR0015	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0034	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/15/78-08/15/78	0	1	
LAMR0052	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0054	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0081	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/28/78-09/14/79	1	2	
LAMR0015	Yes	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	04/30/85-04/18/96	10	6	
LAMR0052	Yes	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	06/21/89-05/11/94	4	10	
LAMR0055	No	01152	TITANIUM, TOTAL (UG/L AS TI)	09/13/78-09/13/78	0	1	
LAMR0064	No	01152	TITANIUM, TOTAL (UG/L AS TI)	09/14/78-09/14/78	0	1	
LAMR0065	No	01152	TITANIUM, TOTAL (UG/L AS TI)	10/17/78-10/17/78	0	1	
LAMR0067	No	01152	TITANIUM, TOTAL (UG/L AS TI)	10/18/78-10/18/78	0	1	
LAMR0072	No	01152	TITANIUM, TOTAL (UG/L AS TI)	10/19/78-10/19/78	0	1	
LAMR0055	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	09/13/78-09/13/78	0	1	
LAMR0064	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	09/14/78-09/14/78	0	1	
LAMR0065	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	10/17/78-10/17/78	0	1	
LAMR0067	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	10/18/78-10/18/78	0	1	
LAMR0072	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	10/19/78-10/19/78	0	1	
LAMR0055	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	09/13/78-09/13/78	0	1	
LAMR0064	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	09/14/78-09/14/78	0	1	
LAMR0065	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	10/17/78-10/17/78	0	1	
LAMR0067	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	10/18/78-10/18/78	0	1	
LAMR0072	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	10/19/78-10/19/78	0	1	
LAMR0055	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	09/13/78-09/13/78	0	1	
LAMR0064	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	09/14/78-09/14/78	0	1	
LAMR0065	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	10/17/78-10/17/78	0	1	
LAMR0067	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	10/18/78-10/18/78	0	1	
LAMR0072	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	10/19/78-10/19/78	0	1	
LAMR0055	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	09/13/78-09/13/78	0	1	
LAMR0064	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	09/14/78-09/14/78	0	1	
LAMR0065	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	10/17/78-10/17/78	0	1	
LAMR0067	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	10/18/78-10/18/78	0	1	
LAMR0072	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	10/19/78-10/19/78	0	1	
LAMR0015	Yes	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	11/21/94-07/10/95	0	2	
LAMR0052	Yes	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	07/12/90-07/12/90	0	1	
LAMR0076	No	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	07/05/95-07/05/95	0	1	
LAMR0055	No	01239	NIOBIUM, TOTAL UG/L	09/13/78-09/13/78	0	1	
LAMR0064	No	01239	NIOBIUM, TOTAL UG/L	09/14/78-09/14/78	0	1	
LAMR0065	No	01239	NIOBIUM, TOTAL UG/L	10/17/78-10/17/78	0	1	
LAMR0067	No	01239	NIOBIUM, TOTAL UG/L	10/18/78-10/18/78	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0072	No	01239	NIOBIUM, TOTAL UG/L	10/19/78-10/19/78	0	1	
LAMR0055	No	01243	HAFNIUM,TOTAL UG/L	09/13/78-09/13/78	0	1	
LAMR0064	No	01243	HAFNIUM,TOTAL UG/L	09/14/78-09/14/78	0	1	
LAMR0065	No	01243	HAFNIUM,TOTAL UG/L	10/17/78-10/17/78	0	1	
LAMR0067	No	01243	HAFNIUM,TOTAL UG/L	10/18/78-10/18/78	0	1	
LAMR0072	No	01243	HAFNIUM,TOTAL UG/L	10/19/78-10/19/78	0	1	
LAMR0076	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/21/91-07/15/97	5	16	
LAMR0081	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/21/91-10/20/97	6	19	
LAMR0003	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	19	227	
LAMR0005	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/27/69-07/16/78	8	82	
LAMR0006	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	31	315	T,A,S
LAMR0007	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	18	232	
LAMR0010	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/75-04/15/91	15	5	
LAMR0011	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	24	254	
LAMR0014	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	30	411	T,A,S
LAMR0015	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	24	158	
LAMR0018	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	31	298	T,S
LAMR0021	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	31	299	T,S
LAMR0024	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-07/15/72	5	25	
LAMR0028	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	31	380	T,A,S
LAMR0031	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	27	266	T
LAMR0032	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/18/92-05/18/92	0	1	
LAMR0034	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	30	376	T,A,S
LAMR0035	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/17/69-12/09/70	1	8	
LAMR0038	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	29	298	T
LAMR0041	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	31	321	T,A,S
LAMR0043	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	6	53	
LAMR0046	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	31	309	T,S
LAMR0047	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	29	283	T
LAMR0050	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/11/81-07/11/81	0	1	
LAMR0052	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	31	311	T,A,S
LAMR0053	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	29	291	T
LAMR0058	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	28	201	
LAMR0059	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	31	295	T,S
LAMR0061	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-04/07/77	8	14	
LAMR0062	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	22	150	
LAMR0068	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	8	68	
LAMR0070	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	8	73	
LAMR0073	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	8	75	
LAMR0077	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	10	170	
LAMR0080	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	8	86	
LAMR0081	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-12/03/73	0	2	
LAMR0015	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-03/12/73	0	5	
LAMR0016	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/67-12/17/68	1	27	
LAMR0036	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/67-12/17/68	1	27	
LAMR0049	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/67-12/17/68	1	24	
LAMR0081	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/20/72-06/12/73	1	6	
LAMR0003	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	19	225	
LAMR0005	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/27/69-07/16/78	8	83	
LAMR0006	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	29	285	T
LAMR0007	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	18	233	
LAMR0010	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/75-04/15/91	15	5	
LAMR0011	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	24	244	
LAMR0014	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	29	406	T,A
LAMR0015	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	23	231	
LAMR0018	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	29	288	T
LAMR0021	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	29	280	T
LAMR0024	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-07/15/72	3	3	
LAMR0028	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	29	357	T,A
LAMR0031	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	27	271	T
LAMR0032	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-05/18/92	17	4	
LAMR0034	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	29	371	T,A
LAMR0035	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-09/13/71	2	9	
LAMR0038	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	29	302	T,A
LAMR0041	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	29	302	T,A
LAMR0043	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-05/12/73	4	30	
LAMR0046	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	29	298	T,A
LAMR0047	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	29	277	T
LAMR0050	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/81-07/11/81	0	1	
LAMR0052	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	29	336	T,A
LAMR0053	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	29	288	T,A
LAMR0054	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/97-03/25/98	0	12	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0058	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	28	204	
LAMR0059	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	29	278	T
LAMR0061	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/12/69-09/09/70	1	7	
LAMR0062	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	23	150	
LAMR0068	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	7	68	
LAMR0070	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	8	71	
LAMR0073	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	8	74	
LAMR0076	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/91-03/25/98	6	26	
LAMR0077	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	8	175	
LAMR0080	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	7	89	
LAMR0081	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/04/74-03/25/98	23	50	
LAMR0015	Yes	31619	FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,48HR	09/26/72-09/26/72	0	1	
LAMR0054	Yes	31648	E. COLI - MTEC-MF N0/100ML	04/17/97-03/25/98	0	11	
LAMR0076	No	31648	E. COLI - MTEC-MF N0/100ML	04/17/97-03/25/98	0	10	
LAMR0081	No	31648	E. COLI - MTEC-MF N0/100ML	04/17/97-03/25/98	0	8	
LAMR0006	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0011	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0014	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0018	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0021	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0028	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0031	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0034	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0038	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0041	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0046	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0047	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0052	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0053	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0058	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0059	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	0	3	
LAMR0003	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/27/71-07/11/76	5	9	
LAMR0005	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/27/71-07/16/78	7	30	
LAMR0006	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	240	T
LAMR0007	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/27/71-07/11/76	5	13	
LAMR0010	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	02/11/91-04/15/91	0	3	
LAMR0011	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	24	233	
LAMR0014	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	351	T
LAMR0015	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	25	150	
LAMR0018	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	242	T
LAMR0021	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	239	T
LAMR0024	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/15/72-07/15/72	0	2	
LAMR0028	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	285	T
LAMR0031	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	248	T
LAMR0032	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/18/92-05/18/92	0	1	
LAMR0034	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	310	T
LAMR0035	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/13/71-09/13/71	0	1	
LAMR0038	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	249	T
LAMR0041	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	252	T
LAMR0043	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-05/12/73	1	4	
LAMR0046	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	258	T
LAMR0047	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	237	T
LAMR0050	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/11/81-07/11/81	0	1	
LAMR0052	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	26	268	T
LAMR0053	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	246	T
LAMR0058	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	21	174	
LAMR0059	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	26	236	T
LAMR0062	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	22	143	
LAMR0068	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	5	42	
LAMR0070	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	5	44	
LAMR0073	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	5	44	
LAMR0077	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	5	102	
LAMR0080	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	5	55	
LAMR0006	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	9	3	
LAMR0014	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	9	3	
LAMR0016	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/19/68-07/17/69	0	58	
LAMR0018	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	9	2	
LAMR0021	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	9	3	
LAMR0024	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-02/18/69	0	1	
LAMR0028	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-12/05/78	9	4	
LAMR0031	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/05/78-12/05/78	0	1	
LAMR0034	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	9	3	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0035	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	03/17/69-03/17/69	0	1	
LAMR0036	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/19/68-07/17/69	0	41	
LAMR0038	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	9	3	
LAMR0041	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	9	3	
LAMR0043	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-03/17/69	0	2	
LAMR0046	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	03/17/69-12/05/78	9	2	
LAMR0047	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	9	3	
LAMR0049	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/19/68-07/17/69	0	43	
LAMR0052	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-12/05/78	9	2	
LAMR0053	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	03/17/69-12/05/78	9	2	
LAMR0058	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/05/78-12/05/78	0	1	
LAMR0059	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	9	3	
LAMR0068	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	0	1	
LAMR0070	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	0	1	
LAMR0077	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	0	1	
LAMR0080	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	0	1	
LAMR0006	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0011	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-12/05/74	0	3	
LAMR0015	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/25/72-02/24/98	26	91	
LAMR0018	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-08/24/79	5	12	
LAMR0028	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-02/18/76	1	7	
LAMR0031	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-02/18/76	1	8	
LAMR0032	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-12/05/74	0	3	
LAMR0034	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-07/19/94	20	42	
LAMR0038	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-02/18/76	1	8	
LAMR0041	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-02/18/76	1	8	
LAMR0046	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-12/05/74	0	3	
LAMR0052	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-07/19/94	20	45	
LAMR0053	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-12/05/74	0	3	
LAMR0062	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/74-08/06/74	0	1	
LAMR0076	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-07/15/97	12	17	
LAMR0078	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-04/23/85	0	1	
LAMR0081	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/12/72-12/30/97	25	57	
LAMR0084	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-06/27/89	4	2	
LAMR0085	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-04/23/85	0	1	
LAMR0012	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/28/74	0	4	
LAMR0037	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/28/74	0	4	
LAMR0057	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/28/74	0	4	
LAMR0069	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/28/74	0	4	
LAMR0015	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/09/76-02/24/98	21	73	
LAMR0018	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-08/24/79	1	3	
LAMR0034	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-07/19/94	16	33	
LAMR0052	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-07/19/94	16	35	
LAMR0076	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-07/15/97	12	17	
LAMR0078	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-04/23/85	0	1	
LAMR0081	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/29/76-12/30/97	21	39	
LAMR0084	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-06/27/89	4	2	
LAMR0085	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-04/23/85	0	1	
LAMR0082	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/14/70-12/06/73	3	13	
LAMR0015	Yes	32734	PHENOLICS,TISSUE,WET WEIGHT,MG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34204	ACENAPHTHYLENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34209	ACENAPHTHENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34218	ACRYLONITRILE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34224	ANTHRACENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34237	BENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34241	BENZIDINE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34251	BENZO-A-PYRENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	34258	B-BHC-BETA WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	

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Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0015	Yes	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34290	BROMOFORM DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34301	CHLOROBENZENE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34304	CHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34311	CHLOROETHANE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34314	CHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34318	CHLOROFORM DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34324	CHRYSENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	04/24/91-07/19/94	3	4	
LAMR0054	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/09/97-07/09/97	0	1	
LAMR0015	Yes	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0054	Yes	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/09/97-08/14/97	0	2	
LAMR0015	Yes	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0054	Yes	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/09/97-08/14/97	0	2	
LAMR0054	Yes	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/09/97-08/14/97	0	2	
LAMR0015	Yes	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34380	FLUORANTHENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34384	FLUORENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34385	FLUORENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34400	HEXACHLOROETHANE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34412	ISOPHORONE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0006	Yes	34418	METHYL CHLORIDE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34446	NAPHTHALENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34451	NITROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34465	PHENANTHRENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34472	PYRENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34473	PYRENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34483	TOLUENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0006	Yes	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0006	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34561	1,3-DICHLOROPROPENE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0006	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34595	2-NITROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	34650	4-NITROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	07/21/92-07/19/94	1	2	
LAMR0006	Yes	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/11/88-04/11/88	0	1	
LAMR0015	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/21/89-06/19/90	0	2	
LAMR0015	Yes	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	06/21/89-06/19/90	0	2	
LAMR0015	Yes	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	07/22/83-07/22/83	0	1	
LAMR0015	Yes	34685	ENDRIN WET WGTTISMG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	34685	ENDRIN WET WGTTISMG/KG	06/21/89-06/19/90	0	2	
LAMR0015	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	06/21/89-06/19/90	0	2	
LAMR0015	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	06/21/89-06/19/90	0	2	
LAMR0015	Yes	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/21/89-06/19/90	0	2	
LAMR0015	Yes	34691	TOXAPHENE WET WGTTISMG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	34691	TOXAPHENE WET WGTTISMG/KG	06/21/89-06/19/90	0	2	
LAMR0052	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	07/21/92-07/19/94	1	2	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0052	Yes	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	07/21/92-07/19/94	1	2	
LAMR0009	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/17/65-11/17/65	0	1	
LAMR0082	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	17	150	
LAMR0006	Yes	38680	CHLOROTOLUENE,2-, TOTAL, WATER UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	38877	STIROFOS WATER, TOTUG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/24/91-04/24/91	0	1	
LAMR0082	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/24/78-06/09/81	2	9	
LAMR0082	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	11/14/89-08/25/94	4	30	
LAMR0015	Yes	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	07/22/83-07/22/83	0	1	
LAMR0015	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/24/79-01/27/88	8	8	
LAMR0052	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	04/24/91-07/19/94	3	3	
LAMR0015	Yes	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	07/22/83-06/28/88	4	5	
LAMR0015	Yes	39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	08/24/79-01/27/88	8	8	
LAMR0015	Yes	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	07/22/83-06/28/88	4	5	
LAMR0015	Yes	39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	08/24/79-01/27/88	8	8	
LAMR0015	Yes	39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	02/16/82-01/27/88	5	5	
LAMR0015	Yes	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	07/22/83-06/28/88	4	5	
LAMR0015	Yes	39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	08/24/79-01/27/88	8	8	
LAMR0015	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	07/22/83-06/28/88	4	5	
LAMR0015	Yes	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	07/22/83-06/28/88	4	5	
LAMR0052	Yes	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	06/21/89-06/19/90	0	2	
LAMR0015	Yes	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/24/79-01/27/88	8	8	
LAMR0052	Yes	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	07/21/92-07/19/94	1	3	
LAMR0054	Yes	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	07/09/97-08/14/97	0	2	
LAMR0082	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/15/94-02/19/97	2	15	
LAMR0015	Yes	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	08/24/79-07/17/84	4	6	
LAMR0052	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/24/79-07/17/84	4	6	
LAMR0052	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	07/21/92-07/19/94	1	2	
LAMR0006	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/11/88-04/11/88	0	1	
LAMR0082	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/18/76-06/09/81	5	16	
LAMR0082	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/04/80-06/09/81	0	3	
LAMR0015	Yes	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0015	Yes	39302	P P DDT IN TISSUE WET WGT (UG/G)	07/22/83-06/28/88	4	5	
LAMR0015	Yes	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0015	Yes	39307	O P DDT IN TISSUE WET WGT (UG/G)	07/22/83-06/28/88	4	5	
LAMR0015	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0015	Yes	39312	P P DDD IN TISSUE WET WGT (UG/G)	07/22/83-06/28/88	4	5	
LAMR0015	Yes	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0015	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0015	Yes	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	07/22/83-06/28/88	4	5	
LAMR0015	Yes	39325	O,P DDD IN TISSUE WET WGT (UG/G)	07/22/83-06/28/88	4	5	
LAMR0015	Yes	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0015	Yes	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	07/22/83-06/28/88	4	5	
LAMR0004	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0048	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0052	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0079	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	1	2	
LAMR0082	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	52	
LAMR0086	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	10	37	
LAMR0087	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0004	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/09/72-06/09/72	0	1	
LAMR0006	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	02/15/88-02/15/88	0	1	
LAMR0048	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/09/72-06/09/72	0	1	

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Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0079	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/06/71-06/09/72	1	2	
LAMR0080	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	02/15/88-02/15/88	0	1	
LAMR0082	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/22/68-06/09/81	13	52	
LAMR0086	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/23/70-07/23/70	0	1	
LAMR0082	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/14/70-06/09/81	10	37	
LAMR0052	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/24/91-04/24/91	0	1	
LAMR0082	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/04/68-06/09/81	12	44	
LAMR0015	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/06/74-08/06/74	0	1	
LAMR0081	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/11/74-09/14/79	5	3	
LAMR0082	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/14/70-06/09/81	10	37	
LAMR0087	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/01/77-04/01/77	0	1	
LAMR0052	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0082	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	52	
LAMR0086	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	10	37	
LAMR0087	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0052	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0082	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	52	
LAMR0086	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	10	37	
LAMR0087	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0052	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0082	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	52	
LAMR0086	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/97-08/14/97	0	1	
LAMR0056	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0062	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	10	37	
LAMR0087	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0015	Yes	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/22/83-06/28/88	4	5	
LAMR0052	Yes	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/21/89-06/19/90	0	2	
LAMR0004	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0048	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0052	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0079	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	1	2	
LAMR0082	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	52	
LAMR0086	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/06/74-08/06/74	0	1	
LAMR0081	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/11/74-09/14/79	5	3	
LAMR0082	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/14/70-06/09/81	10	36	
LAMR0087	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/01/77-04/01/77	0	1	
LAMR0052	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0082	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	02/09/77-06/09/81	4	14	
LAMR0052	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/21/92-07/19/94	1	3	
LAMR0082	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/80-06/09/81	0	3	
LAMR0004	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0006	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	0	1	
LAMR0048	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0052	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0079	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	1	2	
LAMR0080	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	0	1	
LAMR0082	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	52	
LAMR0086	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	10	37	
LAMR0087	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0082	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/15/75-06/09/81	5	20	
LAMR0004	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0006	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	0	1	
LAMR0048	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0052	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0079	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	1	2	
LAMR0080	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	0	1	
LAMR0082	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/09/70-06/09/81	11	30	
LAMR0086	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/91-07/19/94	3	4	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0054	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/06/74-08/06/74	0	1	
LAMR0081	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/11/74-09/14/79	5	3	
LAMR0082	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/14/70-06/09/81	10	27	
LAMR0087	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/01/77-04/01/77	0	1	
LAMR0015	Yes	39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	07/22/83-06/28/88	4	5	
LAMR0052	Yes	39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	06/21/89-06/19/90	0	2	
LAMR0034	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0052	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0081	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0082	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	52	
LAMR0086	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/09/97-07/09/97	0	1	
LAMR0056	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	10	37	
LAMR0087	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0034	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0052	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0081	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0082	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	52	
LAMR0086	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/06/74-08/06/74	0	1	
LAMR0081	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/11/74-09/14/79	5	3	
LAMR0082	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/14/70-06/09/81	10	37	
LAMR0087	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/01/77-04/01/77	0	1	
LAMR0082	No	39430	ISODRIN IN WHOLE WATER SAMPLE (UG/L)	12/04/68-12/04/68	0	1	
LAMR0006	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	0	1	
LAMR0034	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0052	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0080	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	0	1	
LAMR0081	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0082	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/31/79-06/09/81	1	5	
LAMR0015	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/06/74-08/06/74	0	1	
LAMR0081	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/11/74-09/14/79	5	3	
LAMR0082	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/31/79-06/09/81	1	5	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0087	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/01/77-04/01/77	0	1	
LAMR0052	Yes	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/21/92-07/19/94	1	2	
LAMR0054	Yes	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/09/97-08/14/97	0	2	
LAMR0052	Yes	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/21/92-07/19/94	1	2	
LAMR0054	Yes	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/09/97-08/14/97	0	2	
LAMR0052	Yes	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/21/92-07/19/94	1	2	
LAMR0054	Yes	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/09/97-08/14/97	0	2	
LAMR0052	Yes	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/21/92-07/19/94	1	2	
LAMR0054	Yes	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/09/97-08/14/97	0	2	
LAMR0052	Yes	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/21/92-07/19/94	1	2	
LAMR0054	Yes	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/09/97-08/14/97	0	2	
LAMR0052	Yes	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/21/92-07/19/94	1	2	
LAMR0054	Yes	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/09/97-08/14/97	0	2	
LAMR0015	Yes	39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/21/89-06/19/90	0	2	
LAMR0034	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0052	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0081	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0082	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/71-06/09/81	10	32	
LAMR0015	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	3	2	
LAMR0056	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/28/71-06/09/81	10	31	
LAMR0087	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0034	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0052	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0081	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0082	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	10	40	
LAMR0015	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/14/86-01/27/88	1	2	
LAMR0052	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0082	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/08/71	0	3	
LAMR0034	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0052	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0081	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0082	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	10	40	
LAMR0086	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/06/70-07/06/70	0	1	
LAMR0015	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0056	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/08/71	0	3	
LAMR0087	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0052	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0082	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	10	40	
LAMR0015	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	

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Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0044	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0056	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0087	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0052	Yes	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/21/92-07/19/94	1	2	
LAMR0004	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0048	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	0	1	
LAMR0079	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	1	2	
LAMR0082	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	10	40	
LAMR0015	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0056	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/14/70-06/08/71	0	3	
LAMR0087	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0052	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0015	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0052	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0015	Yes	39704	HEXACHLOROBUTADIENE IN FISH OR ANIMAL WET WGT UG/K	07/22/83-07/22/83	0	1	
LAMR0052	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	07/21/92-07/19/94	1	2	
LAMR0006	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/11/88-04/11/88	0	1	
LAMR0034	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0052	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0081	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0082	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	51	
LAMR0086	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0052	Yes	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	3	3	
LAMR0082	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/14/70-06/08/71	0	3	
LAMR0034	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0052	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	
LAMR0062	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0081	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0082	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	51	
LAMR0015	Yes	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0052	Yes	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	3	3	
LAMR0082	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/14/70-06/08/71	0	3	
LAMR0082	No	39755	MIREX, TOTAL (UG/L)	02/09/78-06/09/81	3	11	
LAMR0082	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/04/80-06/09/81	0	3	
LAMR0006	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	0	1	
LAMR0034	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0062	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0080	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	0	1	
LAMR0081	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0082	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	13	51	
LAMR0086	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	0	1	
LAMR0015	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/21/92-07/19/94	1	2	
LAMR0056	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0082	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/14/70-06/08/71	0	3	
LAMR0087	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0034	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	0	2	
LAMR0052	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0062	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	0	1	
LAMR0081	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	2	3	
LAMR0015	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8	8	
LAMR0017	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/16/75-06/02/76	0	2	
LAMR0040	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	3	4	
LAMR0054	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/09/97-08/14/97	0	2	
LAMR0056	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/06/74-08/06/74	0	1	
LAMR0081	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/11/74-09/14/79	5	3	
LAMR0087	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/77-04/01/77	0	1	
LAMR0082	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/15/75-06/09/81	5	20	
LAMR0082	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/15/75-06/09/81	5	20	
LAMR0052	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	46290	BETA BHC IN SOIL (NG/G DRY WGT)	07/21/92-07/19/94	1	3	
LAMR0054	Yes	46290	BETA BHC IN SOIL (NG/G DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0052	Yes	46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	07/21/92-07/19/94	1	3	
LAMR0054	Yes	46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	07/09/97-08/14/97	0	2	
LAMR0006	Yes	46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	04/11/88-04/11/88	0	1	
LAMR0015	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	11/21/94-02/24/98	3	6	
LAMR0076	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/05/95-07/05/95	0	1	
LAMR0081	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	08/05/96-08/05/96	0	1	
LAMR0006	Yes	49547	BROMOMETHANE, TOTAL, WATER UG/L	04/11/88-04/11/88	0	1	
LAMR0015	Yes	50087	SIMULTANEOUSLY EXTRACTED METALS, TOT SED MMOL/KG	08/21/96-08/21/96	0	1	
LAMR0015	Yes	50088	ACID VOLATILE SULFIDE TOT SED MMOL/KG	08/21/96-08/21/96	0	1	
LAMR0054	Yes	50088	ACID VOLATILE SULFIDE TOT SED MMOL/KG	07/09/97-07/09/97	0	2	
LAMR0076	No	50088	ACID VOLATILE SULFIDE TOT SED MMOL/KG	07/11/97-07/11/97	0	1	
LAMR0081	No	50088	ACID VOLATILE SULFIDE TOT SED MMOL/KG	07/11/97-07/11/97	0	1	
LAMR0055	No	50588	URANIUM TOTAL UG/L	09/13/78-09/13/78	0	1	
LAMR0064	No	50588	URANIUM TOTAL UG/L	09/14/78-09/14/78	0	1	
LAMR0065	No	50588	URANIUM TOTAL UG/L	10/17/78-10/17/78	0	1	
LAMR0067	No	50588	URANIUM TOTAL UG/L	10/18/78-10/18/78	0	1	
LAMR0072	No	50588	URANIUM TOTAL UG/L	10/19/78-10/19/78	0	1	
LAMR0055	No	50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	09/13/78-09/13/78	0	1	
LAMR0064	No	50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	09/14/78-09/14/78	0	1	
LAMR0065	No	50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	10/17/78-10/17/78	0	1	
LAMR0067	No	50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	10/18/78-10/18/78	0	1	
LAMR0072	No	50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	10/19/78-10/19/78	0	1	
LAMR0028	No	50979	E.COLI,MPN,COLI-COMPLETE #/100ML	05/05/69-08/19/69	0	2	
LAMR0052	Yes	50979	E.COLI,MPN,COLI-COMPLETE #/100ML	05/05/69-05/05/69	0	1	
LAMR0068	No	50979	E.COLI,MPN,COLI-COMPLETE #/100ML	08/19/69-08/19/69	0	1	
LAMR0070	No	50979	E.COLI,MPN,COLI-COMPLETE #/100ML	08/19/69-08/19/69	0	1	
LAMR0073	No	50979	E.COLI,MPN,COLI-COMPLETE #/100ML	08/19/69-08/19/69	0	1	
LAMR0077	No	50979	E.COLI,MPN,COLI-COMPLETE #/100ML	05/05/69-08/19/69	0	3	
LAMR0080	No	50979	E.COLI,MPN,COLI-COMPLETE #/100ML	05/05/69-08/19/69	0	2	
LAMR0041	Yes	61501	MERCURY SLUDGE TOTAL FRACTION MG/L	05/18/92-05/18/92	0	1	
LAMR0015	Yes	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	01/12/87-11/09/92	5	24	
LAMR0062	Yes	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	01/12/87-11/09/92	5	22	
LAMR0006	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/70-05/05/98	28	10	
LAMR0009	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/17/65-08/24/67	1	4	
LAMR0014	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/04/70-06/04/70	0	1	
LAMR0015	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/77-02/24/98	20	60	
LAMR0016	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	8	372	
LAMR0018	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/77-06/07/78	0	2	
LAMR0034	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/77-07/19/94	16	8	
LAMR0036	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	8	296	
LAMR0038	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/17/70-04/17/70	0	1	
LAMR0049	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	8	262	
LAMR0052	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/04/70-07/19/94	24	12	
LAMR0059	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/28/70-05/05/98	28	6	
LAMR0063	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/69-04/22/75	5	63	
LAMR0068	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/10/70-10/13/70	0	2	
LAMR0070	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/10/70-10/13/70	0	2	
LAMR0073	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/70-10/13/70	0	1	
LAMR0076	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-07/15/97	12	16	
LAMR0077	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/70-10/13/70	0	2	
LAMR0078	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-04/23/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0080	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/28/70-11/17/70	0	6	
LAMR0081	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/08/77-12/30/97	20	28	
LAMR0082	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	30	206	S
LAMR0084	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-06/27/89	4	2	
LAMR0085	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-06/27/89	4	2	
LAMR0009	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/06/67-01/07/83	15	34	
LAMR0015	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/15/97-06/01/98	0	4	
LAMR0054	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/17/97-01/28/98	0	3	
LAMR0062	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/15/97-06/01/98	0	4	
LAMR0066	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/09/97-07/09/97	0	1	
LAMR0071	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/08/97-07/08/97	0	1	
LAMR0075	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/08/97-07/08/97	0	1	
LAMR0076	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/17/97-01/28/98	0	3	
LAMR0081	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/17/97-01/28/98	0	3	
LAMR0082	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	36	469	T,S
LAMR0082	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	25	543	T
LAMR0009	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/65-01/07/83	17	38	
LAMR0082	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	34	560	T,A,S
LAMR0082	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/49-07/12/50	0	12	
LAMR0082	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/10/49-07/12/50	0	12	
LAMR0082	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/17/49-07/12/50	0	10	
LAMR0082	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/17/49-07/12/50	0	10	
LAMR0082	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/10/49-07/07/50	0	10	
LAMR0082	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/10/49-07/12/50	0	23	
LAMR0082	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/10/49-07/07/50	0	10	
LAMR0082	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/10/49-07/12/50	0	22	
LAMR0082	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/10/49-07/07/50	0	9	
LAMR0015	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/21/96-08/18/97	0	3	
LAMR0054	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/17/97-01/28/98	0	3	
LAMR0066	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/09/97-07/09/97	0	1	
LAMR0071	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/97-07/08/97	0	1	
LAMR0075	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/97-07/08/97	0	1	
LAMR0076	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/14/96-01/28/98	1	8	
LAMR0081	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/05/96-01/28/98	1	5	
LAMR0082	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/90-11/17/92	2	13	
LAMR0006	Yes	71830	HYDROXIDE ION (MG/L AS OH)	04/12/70-12/14/70	0	9	
LAMR0014	Yes	71830	HYDROXIDE ION (MG/L AS OH)	06/04/70-06/04/70	0	1	
LAMR0038	Yes	71830	HYDROXIDE ION (MG/L AS OH)	04/17/70-04/17/70	0	1	
LAMR0052	Yes	71830	HYDROXIDE ION (MG/L AS OH)	06/04/70-12/10/70	0	4	
LAMR0059	Yes	71830	HYDROXIDE ION (MG/L AS OH)	02/28/70-12/10/70	0	5	
LAMR0068	No	71830	HYDROXIDE ION (MG/L AS OH)	06/10/70-10/13/70	0	2	
LAMR0070	No	71830	HYDROXIDE ION (MG/L AS OH)	06/10/70-10/13/70	0	2	
LAMR0073	No	71830	HYDROXIDE ION (MG/L AS OH)	10/13/70-10/13/70	0	1	
LAMR0077	No	71830	HYDROXIDE ION (MG/L AS OH)	05/12/70-10/13/70	0	2	
LAMR0080	No	71830	HYDROXIDE ION (MG/L AS OH)	02/28/70-11/17/70	0	7	
LAMR0006	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/12/70-07/30/70	0	3	
LAMR0014	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/04/70-06/04/70	0	1	
LAMR0016	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	4	155	
LAMR0036	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	4	125	
LAMR0049	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	4	112	
LAMR0052	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/04/70-10/13/70	0	3	
LAMR0059	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/04/70-07/30/70	0	2	
LAMR0063	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	4	53	
LAMR0068	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/10/70-10/13/70	0	2	
LAMR0070	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/10/70-10/13/70	0	2	
LAMR0073	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/13/70-10/13/70	0	1	
LAMR0077	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/13/70-10/13/70	0	1	
LAMR0080	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/10/70-10/13/70	0	3	
LAMR0082	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/26/79-12/04/80	1	11	
LAMR0005	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/24/66-01/14/72	5	40	
LAMR0006	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	24	154	
LAMR0014	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/17/67-06/04/70	2	7	
LAMR0016	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	8	355	
LAMR0018	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/23/67-01/10/68	0	6	
LAMR0021	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/15/67-11/20/67	0	2	
LAMR0028	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/09/67-10/25/73	6	3	
LAMR0036	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	8	277	
LAMR0038	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/13/65-06/02/70	4	6	
LAMR0041	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-05/12/81	14	2	
LAMR0046	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/02/70-09/23/80	10	4	
LAMR0049	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	8	244	
LAMR0052	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/14/66-10/25/73	7	15	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0059	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	23	126	
LAMR0061	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/15/69-07/15/69	0	1	
LAMR0063	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/11/69-04/22/75	5	63	
LAMR0068	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/10/70-10/25/73	3	3	
LAMR0070	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/10/70-10/25/73	3	3	
LAMR0073	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/29/71-10/25/73	2	2	
LAMR0077	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/04/73-10/25/73	0	4	
LAMR0080	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/10/70-10/25/73	3	4	
LAMR0082	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	13	201	
LAMR0009	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/17/65-04/11/69	3	7	
LAMR0082	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	9	401	
LAMR0006	Yes	71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	05/02/70-05/05/70	0	3	
LAMR0016	Yes	71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	01/31/67-04/27/67	0	13	
LAMR0036	Yes	71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	01/31/67-04/27/67	0	9	
LAMR0049	Yes	71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	01/31/67-04/27/67	0	5	
LAMR0059	Yes	71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	05/05/70-05/05/70	0	1	
LAMR0009	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	11/17/65-11/17/65	0	1	
LAMR0082	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/01/63-04/30/68	4	127	
LAMR0082	No	71870	BROMIDE (MG/L AS BR)	09/20/64-09/21/64	0	2	
LAMR0009	Yes	71885	IRON (UG/L AS FE)	11/17/65-11/17/65	0	1	
LAMR0082	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/26/79-08/23/85	6	33	
LAMR0082	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/01/74-03/21/83	8	49	
LAMR0015	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/21/94-02/24/98	3	6	
LAMR0052	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/12/90-07/27/93	3	2	
LAMR0076	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/05/95-07/05/95	0	1	
LAMR0081	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/14/89-08/05/96	6	2	
LAMR0082	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	01/28/71-06/05/96	25	69	
LAMR0004	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/06/71-06/09/72	1	2	
LAMR0006	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/15/85-02/15/88	2	2	
LAMR0015	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/16/74-02/24/98	23	7	
LAMR0048	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/06/71-06/09/72	1	2	
LAMR0052	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/24/91-07/21/92	1	2	
LAMR0054	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/09/97-08/14/97	0	2	
LAMR0076	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/05/95-07/05/95	0	1	
LAMR0079	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/09/72-06/09/72	0	1	
LAMR0080	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/15/88-02/15/88	0	1	
LAMR0081	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/05/96-08/05/96	0	1	
LAMR0082	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/14/70-10/14/70	0	1	
LAMR0015	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/19/79-08/21/96	17	11	
LAMR0017	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0022	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0027	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0033	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0034	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/16/75-08/15/78	3	3	
LAMR0040	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0044	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0052	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/24/91-07/19/94	3	3	
LAMR0056	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	0	1	
LAMR0062	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/18/74-06/18/74	0	2	
LAMR0081	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/11/74-09/14/79	5	5	
LAMR0087	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/01/77-04/01/77	0	1	
LAMR0015	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/27/75-04/18/96	20	19	
LAMR0032	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/19/74-09/19/74	0	5	
LAMR0052	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/21/89-05/11/94	4	10	
LAMR0015	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/22/83-04/18/96	12	7	
LAMR0052	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/21/89-05/11/94	4	10	
LAMR0015	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/22/83-04/18/96	12	7	
LAMR0052	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/21/89-05/11/94	4	10	
LAMR0015	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	07/22/83-04/18/96	12	7	
LAMR0052	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/21/89-05/11/94	4	10	
LAMR0015	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/22/83-04/18/96	12	7	
LAMR0052	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/21/89-05/11/94	4	10	
LAMR0082	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	07/12/48-09/01/62	14	278	
LAMR0011	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	0	1	
LAMR0012	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/28/74	0	4	
LAMR0015	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	12/16/69-03/21/79	9	18	
LAMR0018	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	0	1	
LAMR0028	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	0	1	
LAMR0031	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	0	1	
LAMR0034	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	10/03/78-12/05/78	0	2	
LAMR0037	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/28/74	0	4	
LAMR0038	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0041	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	0	1	
LAMR0046	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	0	1	
LAMR0052	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	0	1	
LAMR0053	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	10/03/78-12/05/78	0	2	
LAMR0057	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/28/74	0	4	
LAMR0062	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	01/18/77-03/21/79	2	7	
LAMR0069	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/28/74	0	4	
LAMR0015	Yes	72053	DAYS SINCE PRECIPITATION EVENT DAYS	02/23/90-08/18/97	7	19	
LAMR0034	Yes	72053	DAYS SINCE PRECIPITATION EVENT DAYS	02/23/90-07/19/94	4	8	
LAMR0052	Yes	72053	DAYS SINCE PRECIPITATION EVENT DAYS	02/23/90-07/19/94	4	8	
LAMR0076	No	72053	DAYS SINCE PRECIPITATION EVENT DAYS	08/21/91-07/15/97	5	15	
LAMR0081	No	72053	DAYS SINCE PRECIPITATION EVENT DAYS	08/21/91-10/20/97	6	18	
LAMR0052	Yes	73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	07/21/92-07/19/94	1	2	
LAMR0076	No	74069	FLOW, ESTIMATED STREAM CFS	08/21/91-03/17/93	1	3	
LAMR0081	No	74069	FLOW, ESTIMATED STREAM CFS	08/21/91-12/09/96	5	6	
LAMR0006	Yes	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77128	STYRENE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77133	1,4-DIMETHYLBENZENE(P-XYLENE) WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77135	O-XYLENE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	77596	METHYLENE BROMIDE WHOLE WATER,UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	04/11/88-04/11/88	0	1	
LAMR0052	Yes	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	07/21/92-07/19/94	1	2	
LAMR0015	Yes	78877	DIPHENYLAMINE IN TISSUE, WET WEIGHT MG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	79035	CHLOROPHENOL TISWETWTMG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	79036	4-CHLORO-3-CRESOL TISWETWTMG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	79037	2,6-DINITRO-2-CRESOL TISWETWTMG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	79039	BENZO(J)FLUORANTHENE TISWETWTMG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	07/22/83-07/22/83	0	1	
LAMR0015	Yes	79041	BENZO(GHI)PERYLENE TISWETWTMG/KG	07/22/83-07/22/83	0	1	
LAMR0052	Yes	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	07/21/92-07/19/94	1	2	
LAMR0052	Yes	79800	MIREX SEDIMENT,DRY,WT,UG/KG	07/21/92-07/19/94	1	3	
LAMR0082	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	42	288	S
LAMR0082	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/27/44-08/18/80	36	3	
LAMR0015	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/21/96-08/21/96	0	1	
LAMR0052	Yes	80356	MERCURY, METHYL-, FISH/ANIMAL TISS, WET WT., MG/KG	04/24/91-04/24/91	0	5	
LAMR0015	Yes	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	08/21/96-08/21/96	0	1	
LAMR0054	Yes	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	07/09/97-08/14/97	0	3	
LAMR0076	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	07/11/97-07/11/97	0	1	
LAMR0081	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	07/11/97-07/11/97	0	1	
LAMR0052	Yes	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/21/92-07/19/94	1	3	
LAMR0006	Yes	81552	ACETONE WHL WATER SMPL UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	81555	BROMOBENZENE WHL WATER SMPL UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	81597	METHYL METHACRYLATE WHL WATER SMPL UG/L	04/11/88-04/11/88	0	1	
LAMR0006	Yes	81607	TETRAHYDROFURAN WHL WATER SMPL UG/L	04/11/88-04/11/88	0	1	
LAMR0015	Yes	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/22/83-06/28/88	4	4	
LAMR0052	Yes	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/21/89-04/24/91	1	8	
LAMR0015	Yes	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/22/83-06/28/88	4	5	
LAMR0052	Yes	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/21/89-04/24/91	1	8	
LAMR0015	Yes	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	07/22/83-06/28/88	4	5	
LAMR0052	Yes	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/21/89-06/19/90	0	2	
LAMR0015	Yes	81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	07/10/95-04/18/96	0	2	
LAMR0052	Yes	81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	07/21/92-07/21/92	0	1	
LAMR0082	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	12/04/80-06/09/81	0	3	
LAMR0015	Yes	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/21/89-06/19/90	0	2	
LAMR0015	Yes	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	07/22/83-06/28/88	4	5	
LAMR0052	Yes	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/21/89-06/19/90	0	2	
LAMR0005	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	04/20/67-04/20/67	0	3	
LAMR0006	Yes	81903	DEPTH OF BOTTOM OF WATER BODY SAMPLE SITE, FEET	02/11/71-01/20/98	26	109	

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

Station/Parameter Period of Record Tabulation
From 07/19/38 To 06/23/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
LAMR0059	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/11/88-04/03/95	6	9	
LAMR0015	Yes	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	08/21/96-08/21/96	0	1	
LAMR0054	Yes	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	07/09/97-08/14/97	0	2	
LAMR0015	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/21/96-08/21/96	0	1	
LAMR0015	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/21/96-08/21/96	0	1	
LAMR0009	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/13/81-02/13/81	0	1	
LAMR0082	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/02/81-06/09/81	0	5	
LAMR0054	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/19/97-03/25/98	0	5	
LAMR0076	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/20/97-03/25/98	0	5	
LAMR0081	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/10/97-03/25/98	0	4	
LAMR0082	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	12/04/80-06/09/81	0	3	
LAMR0055	No	82364	THORIUM, TOTAL IN WATER UG/L	09/13/78-09/13/78	0	1	
LAMR0064	No	82364	THORIUM, TOTAL IN WATER UG/L	09/14/78-09/14/78	0	1	
LAMR0065	No	82364	THORIUM, TOTAL IN WATER UG/L	10/17/78-10/17/78	0	1	
LAMR0067	No	82364	THORIUM, TOTAL IN WATER UG/L	10/18/78-10/18/78	0	1	
LAMR0072	No	82364	THORIUM, TOTAL IN WATER UG/L	10/19/78-10/19/78	0	1	
LAMR0015	Yes	82394	HARDNESS,TOTAL CALCULATED(CA,MG,FE) AS CACO3 MG/L	08/21/96-08/21/96	0	1	
LAMR0082	No	82398	SAMPLING METHOD (CODES)	08/05/92-08/25/94	2	13	
LAMR0052	Yes	82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	07/21/92-07/21/92	0	1	
LAMR0015	Yes	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	07/22/83-06/28/88	4	5	
LAMR0052	Yes	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	06/21/89-04/24/91	1	8	

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

Station-By-Station Results

Station Inventory for Station: LAMR0001

NPS Station ID: LAMR0001
LAT/LON: 35.733337/-101.500005
Agency: EFTX1
Date Created: 07/09/76
Location: CAMEX INCORPORATED
FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): TX0009105
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090106
Depth of Water: 1
Aquifer:
Major Basin: BORGER 79007
Elevation: 0
Water Body Id:
Minor Basin: RECVG STRM ROCK CREEK TO CANADIAN RIVR
ECO Region:
RF1 Index: 11090106
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: LAMR0001

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: LAMR0002

NPS Station ID: LAMR0002 LAT/LON: 35.711115/-101.545837 Agency: 11EPALES Date Created: / /
Location: AQUEDUCT FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 4823B1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11090106 Depth of Water: 0 Aquifer:
Major Basin: O/LAKE MEREDITH Elevation: 0 Water Body Id:
Minor Basin: BANK SAMP SM POND NEAR PUMPING STA ECO Region:
RF1 Index: 11090106042 RF1 Mile Point: 1.760 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
BANK SAMPLE AT INLET TO SMALL POND NEAR PUMPING STATION AT S END OF SANFORD DAM

Parameter Inventory for Station: LAMR0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	12	0.025	0.026	0.06	0.005	0.	0.014	0.007	0.02	0.032	0.054
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	2	0.056	0.056	0.072	0.04	0.001	0.023	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	12	0.45	0.6	1.4	0.25	0.129	0.359	0.25	0.363	0.875	1.295
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	12	0.04	0.04	0.07	0.005	0.001	0.023	0.007	0.02	0.06	0.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	12	0.01	0.015	0.058	0.005	0.	0.015	0.005	0.005	0.018	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	12	0.005	0.009	0.05	0.003	0.	0.014	0.003	0.003	0.009	0.041

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

EPA Water Quality Criteria Analysis for Station: LAMR0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	6	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: LAMR0003

NPS Station ID: LAMR0003 | LAT/LON: 35.719560/-101.549976 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: STILLING BASIN-NORTH | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_15
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090106 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2820 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090106 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE STILLING BASIN IN THE SPRING CANYON SWIMMING AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/13/68-12/13/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	222	18.	232.392	9580.	0.	532170.837	729.5	0.	2.	244.	578.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	222	1.255	1.367	3.981	0.	1.109	1.053	0.	0.301	2.387	2.762
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.29								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	223	4.	163.085	5700.	0.	352100.358	593.38	0.	0.	60.	348.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	223	0.602	0.996	3.756	0.	1.018	1.009	0.	0.	1.778	2.541
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.913								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/27/71-07/11/76	9	11.	30.889	160.	0.	2798.611	52.902	0.	0.	44.	160.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/27/71-07/11/76	9	1.041	0.85	2.204	0.	0.763	0.873	0.	0.	1.574	2.204
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.078								

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

EPA Water Quality Criteria Analysis for Station: LAMR0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	222	11	0.05	222	11	0.05									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	223	41	0.18	223	41	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 1969 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	2	89.	89.	94.	84.	50.	7.071	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	2	1.949	1.949	1.973	1.924	0.001	0.035	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			88.859								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	2	13.	13.	22.	4.	162.	12.728	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	2	0.972	0.972	1.342	0.602	0.274	0.524	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.381								

** - Less than 9 observations ## - Computed 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 1971 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	1	1.176	1.176	1.176	1.176	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

Annual Analysis for 1974 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	1	18.	18.	18.	18.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	1	1.255	1.255	1.255	1.255	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	1	1.079	1.079	1.079	1.079	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.								

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

Annual Analysis for 1975 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	19	5.	198.842	1400.	0.	170644.14	413.091	0.	1.	10.	880.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	19	0.699	0.969	3.146	0.	1.23	1.109	0.	0.	1.	2.944
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.32								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	19	10.	172.474	1200.	0.	132368.152	363.824	0.	0.	21.	960.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	19	1.	1.077	3.079	0.	1.098	1.048	0.	0.	1.322	2.982
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.952								

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

Annual Analysis for 1976 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	7	30.	140.571	690.	0.	60936.619	246.853	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	7	1.477	1.563	2.839	0.	0.791	0.89	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			36.597								

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

Annual Analysis for 1976 - Station LAMR0003

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	08/05/69-07/18/89	7	10.	49.714	290.	0.	11344.905	106.512	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	7	1.	0.958	2.462	0.	0.746	0.864	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.084								

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

Annual Analysis for 1979 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	65	16.	283.938	9580.	0.	1449487.121	1203.946	0.	1.	247.	332.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	65	1.204	1.344	3.981	0.	1.152	1.073	0.	0.151	2.392	2.522
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.094								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	65	4.	110.646	5700.	0.	498183.888	705.821	0.	0.	22.	124.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	65	0.602	0.719	3.756	0.	0.677	0.823	0.	0.	1.342	2.096
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.233								

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

Annual Analysis for 1980 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	15	18.	30.667	96.	0.	951.81	30.851	0.	2.	52.	86.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	15	1.255	1.127	1.982	0.	0.519	0.72	0.	0.301	1.716	1.935
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.404								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	15	8.	9.6	34.	0.	129.257	11.369	0.	0.	12.	32.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	15	0.903	0.708	1.531	0.	0.303	0.551	0.	0.	1.079	1.516
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.1								

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

Annual Analysis for 1981 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	21	6.	13.619	54.	0.	259.848	16.12	0.	1.	20.	41.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	21	0.778	0.777	1.732	0.	0.399	0.632	0.	0.151	1.299	1.615
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.985								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	21	0.	2.476	32.	0.	47.162	6.867	0.	0.	2.	3.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	21	0.	0.215	1.505	0.	0.119	0.345	0.	0.	0.301	0.542
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.641								

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

Annual Analysis for 1982 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	22	6.	126.591	692.	0.	43966.729	209.682	0.6	2.	178.5	554.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	22	0.778	1.237	2.84	0.	0.994	0.997	0.09	0.301	2.25	2.744
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.239								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	24	2.	245.958	4864.	0.	981341.085	990.627	0.	0.	30.	397.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	24	0.301	0.849	3.687	0.	1.116	1.057	0.	0.	1.474	2.57
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.055								

** - 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 box-and-whisker plot

Annual Analysis for 1983 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	27	8.	275.63	1600.	0.	247225.55	497.218	2.	2.	336.	1440.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	27	0.903	1.362	3.204	0.	1.293	1.137	0.301	0.301	2.526	3.158
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.009								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	26	11.	322.077	2780.	0.	557398.234	746.591	0.	1.5	200.	1956.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	26	0.801	1.238	3.444	0.	1.469	1.212	0.	0.226	2.301	3.288
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.289								

** - Less than 9 observations ## - Computed 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 LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	30	330.	508.7	1860.	1.	308821.872	555.717	2.2	175.	650.	1581.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	30	2.518	2.221	3.27	0.	0.922	0.96	0.331	2.242	2.812	3.199
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			166.178								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	30	190.	312.	1740.	2.	146681.379	382.99	2.2	55.	505.	752.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	30	2.278	2.019	3.241	0.301	0.76	0.872	0.331	1.734	2.703	2.876
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			104.538								

** - Less than 9 observations ## - Computed 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 LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	12	29.	160.667	500.	2.	38907.879	197.251	2.	2.	330.	488.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	12	1.167	1.385	2.699	0.301	1.231	1.109	0.301	0.301	2.518	2.688
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.289								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	12	23.	140.	400.	2.	28698.182	169.405	2.	2.5	345.	388.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	12	1.19	1.415	2.602	0.301	1.038	1.019	0.301	0.376	2.537	2.588
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.003								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/05/69-07/18/89	222	18.	232.392	9580.	0.	532170.837	729.5	0.	2.	244.	578.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/05/69-07/18/89	222	1.255	1.367	3.981	0.	1.109	1.053	0.	0.301	2.387	2.762
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.29								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	223	4.	163.085	5700.	0.	352100.358	593.38	0.	0.	60.	348.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/69-07/18/89	223	0.602	0.996	3.756	0.	1.018	1.009	0.	0.	1.778	2.541
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.913								

** - Less than 9 observations ## - Computed 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: LAMR0004

NPS Station ID: LAMR0004 LAT/LON: 35.708338/-101.550004 Agency: 11NPSWRD Date Created: 07/25/98
Location: Lake Meredith Near the Dam FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): LAMR_01029901 /01029901
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11090106 Depth of Water: 0 Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS Elevation: 0 Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT ECO Region:
RF1 Index: 11090106 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
The station is located on the Sanford TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Department of Water Quality. Samples analyzed for toxics. Sample taken from Lake Meredith near the dam." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01007	BARIUM, TOTAL (UG/L AS BA)	06/09/72-06/09/72	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/09/72-06/09/72	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/72-06/09/72	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	06/09/72-06/09/72	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/09/72-06/09/72	1	200.	200.	200.	200.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/09/72-06/09/72	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/06/71-06/09/72	2	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: LAMR0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: LAMR0005

NPS Station ID: LAMR0005
LAT/LON: 35.718865/-101.550115
Agency: 11NPSWRD
Date Created: 06/20/98
Location: STILLING BASIN-CENTER
FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): LAMR_CRMWA_13
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090106
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2820
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090106
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE STILLING BASIN IN THE SPRING CANYON SWIMMING AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/11/69-02/10/70	5	68.	63.2	80.	40.	339.2	18.417	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/11/69-12/02/69	4	25.	25.5	36.	16.	67.667	8.226	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/66-01/16/95	45	1804.	1881.756	3496.	1404.	136895.098	369.993	1623.6	1705.	1885.5	2266.
00300	OXYGEN, DISSOLVED MG/L	08/11/69-02/10/70	5	8.	8.	9.	7.	0.5	0.707	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/65-10/07/69	3	1.5	1.917	4.	0.25	3.646	1.909	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-01/16/95	51	8.3	8.258	8.6	7.57	0.052	0.228	7.922	8.2	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-01/16/95	51	8.3	8.186	8.6	7.57	0.057	0.24	7.922	8.2	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-01/16/95	51	0.005	0.007	0.027	0.003	0.	0.005	0.003	0.004	0.006	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/65-01/14/72	41	188.	186.463	240.	165.	204.105	14.287	168.2	175.	197.	200.6
00411	ALKALINITY,METHYLORANGE MG/L	01/11/94-01/16/95	6	240.	240.	340.	160.	5280.	72.664	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/66-01/16/95	45 ##	0.	1.244	6.	0.	3.371	1.836	0.	0.	2.	4.
00440	BICARBONATE ION (MG/L AS HCO3)	02/01/65-01/14/72	41	222.	223.22	293.	201.	287.326	16.951	204.2	210.5	231.5	242.4
00445	CARBONATE ION (MG/L AS CO3)	05/24/66-01/14/72	40 ##	0.	1.8	7.	0.	5.703	2.388	0.	0.	5.	5.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/65-01/14/72	41	1020.	1028.659	1695.	790.	15883.78	126.031	930.	960.	1070.	1106.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/11/69-12/02/69	4	0.085	0.087	0.16	0.02	0.003	0.059	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/65-01/14/72	41	270.	269.805	420.	231.	831.611	28.838	242.	254.5	280.5	286.6
00916	CALCIUM, TOTAL (MG/L AS CA)	02/01/65-01/14/72	40	66.5	65.95	104.	55.	65.997	8.124	58.	59.25	69.	72.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/01/65-01/14/72	41	25.	25.073	40.	19.	10.02	3.165	22.	23.	26.5	27.8
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/66-01/16/95	45	229.	245.644	585.	173.	4498.098	67.068	201.	215.	248.5	304.2
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-01/16/95	49	248.	287.408	1100.	184.	29411.33	171.497	218.	230.	264.5	288.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/01/65-01/16/95	47	227.	316.426	1450.	149.	72135.945	268.581	195.2	211.	255.	662.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/24/66-01/14/72	40	0.9	0.946	1.5	0.05	0.046	0.214	0.8	0.9	1.	1.2

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

Parameter Inventory for Station: LAMR0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	02/01/65-01/12/71	35	40.	72.857	400.	10.	7897.479	88.868	10.	10.	100.	216.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/24/66-01/12/71	34 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/01/65-02/01/65	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/27/69-07/16/78	73	10.	98.055	2100.	0.	80730.136	284.13	0.	0.	69.	242.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/27/69-07/16/78	73	1.	1.036	3.322	0.	0.899	0.948	0.	0.	1.838	2.379
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.873								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/27/69-07/16/78	78	4.	83.59	1200.	0.	47783.7	218.595	0.	0.	39.25	289.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/27/69-07/16/78	78	0.602	0.902	3.079	0.	0.909	0.953	0.	0.	1.594	2.461
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.989								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/27/71-07/16/78	29	9.	16.759	72.	0.	370.118	19.238	0.	0.5	28.5	45.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/27/71-07/16/78	29	0.954	0.855	1.857	0.	0.446	0.668	0.	0.	1.454	1.653
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.165								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/24/66-01/14/72	40 ##	0.2	0.253	2.	0.2	0.083	0.287	0.2	0.2	0.2	0.2
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	04/20/67-04/20/67	3	30.	31.667	50.	15.	308.333	17.559	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: LAMR0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	3	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	51	0	0.00	25	0	0.00	26	0	0.00						
		Other-Lo Lim.	6.5	51	0	0.00	25	0	0.00	26	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	49	2	0.04	24	0	0.00	25	2	0.08						
		Drinking Water	250.	49	24	0.49	24	10	0.42	25	14	0.56						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	47	14	0.30	23	2	0.09	24	12	0.50						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	40	0	0.00	23	0	0.00	17	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	73	1	0.01	73	1	0.01									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	78	10	0.13	78	10	0.13									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	40	0	0.00	23	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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/66-01/16/95	22	1776.5	1758.318	1985.	1404.	14738.608	121.403	1620.3	1705.	1815.	1916.
00400	PH (STANDARD UNITS)	02/01/65-01/16/95	25	8.2	8.28	8.6	7.9	0.03	0.173	8.06	8.2	8.45	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-01/16/95	25	8.2	8.247	8.6	7.9	0.031	0.176	8.06	8.2	8.45	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-01/16/95	25	0.006	0.006	0.013	0.003	0.	0.002	0.003	0.004	0.006	0.009
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/65-01/14/72	23	189.	186.174	202.	165.	152.423	12.346	167.	175.	197.	201.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/66-01/16/95	23 ##	0.	1.348	6.	0.	4.419	2.102	0.	0.	4.	5.
00440	BICARBONATE ION (MG/L AS HCO3)	02/01/65-01/14/72	23	222.	222.652	246.	201.	199.51	14.125	204.	211.	234.	244.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/65-01/14/72	23	1020.	1003.913	1120.	790.	4706.719	68.606	924.	960.	1050.	1082.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/65-01/14/72	23	274.	268.696	295.	231.	246.13	15.689	245.6	255.	280.	287.
00916	CALCIUM, TOTAL (MG/L AS CA)	02/01/65-01/14/72	22	68.	65.818	76.	55.	34.537	5.877	57.3	59.	69.25	73.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/01/65-01/14/72	23	25.	24.522	29.	19.	4.625	2.15	22.	23.	26.	27.6
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/66-01/16/95	23	227.	223.043	261.	173.	404.225	20.105	198.4	213.	235.	251.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-01/16/95	24	243.5	241.625	279.	189.	414.592	20.362	215.	230.75	255.25	269.5
00945	SULFATE, TOTAL (MG/L AS SO4)	02/01/65-01/16/95	23	222.	221.826	268.	149.	594.968	24.392	200.2	206.	240.	254.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/27/69-07/16/78	73	10.	98.055	2100.	0.	80730.136	284.13	0.	0.	69.	242.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/27/69-07/16/78	73	1.	1.036	3.322	0.	0.899	0.948	0.	0.	1.838	2.379
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.873								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/27/69-07/16/78	78	4.	83.59	1200.	0.	47783.7	218.595	0.	0.	39.25	289.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/27/69-07/16/78	78	0.602	0.902	3.079	0.	0.909	0.953	0.	0.	1.594	2.461
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.989								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/27/71-07/16/78	29	9.	16.759	72.	0.	370.118	19.238	0.	0.5	28.5	45.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/27/71-07/16/78	29	0.954	0.855	1.857	0.	0.446	0.668	0.	0.	1.454	1.653
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.165								

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/66-01/16/95	23	1859.	1999.826	3496.	1584.	229910.423	479.49	1629.6	1683.	1971.	2884.
00400	PH (STANDARD UNITS)	02/01/65-01/16/95	26	8.3	8.238	8.6	7.57	0.075	0.273	7.727	8.143	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-01/16/95	26	8.3	8.135	8.6	7.57	0.086	0.293	7.727	8.143	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-01/16/95	26	0.005	0.007	0.027	0.003	0.	0.007	0.003	0.004	0.007	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/65-01/14/72	18	187.5	186.833	240.	168.	282.735	16.815	168.9	174.	193.25	202.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/66-01/16/95	22 ##	0.	1.136	4.	0.	2.409	1.552	0.	0.	2.	4.
00440	BICARBONATE ION (MG/L AS HCO3)	02/01/65-01/14/72	18	222.	223.944	293.	203.	416.879	20.418	204.8	208.25	231.25	245.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/65-01/14/72	18	1055.	1060.278	1695.	920.	29395.507	171.451	929.	960.	1082.5	1177.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/65-01/14/72	18	263.5	271.222	420.	233.	1634.418	40.428	238.4	249.75	281.5	298.5
00916	CALCIUM, TOTAL (MG/L AS CA)	02/01/65-01/14/72	18	65.	66.111	104.	56.	108.693	10.426	57.8	59.75	68.	73.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/01/65-01/14/72	18	25.5	25.778	40.	22.	16.654	4.081	22.	23.	27.	29.2
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/66-01/16/95	22	238.	269.273	585.	203.	7856.779	88.638	205.4	219.25	269.	387.9
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-01/16/95	25	254.	331.36	1100.	184.	54316.99	233.06	219.	230.	276.5	786.8
00945	SULFATE, TOTAL (MG/L AS SO4)	02/01/65-01/16/95	24	245.	407.083	1450.	175.	126177.558	355.215	179.	214.25	539.	1100.

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

Station Inventory for Station: LAMR0006

NPS Station ID: LAMR0006
LAT/LON: 35.710198/-101.550420
Agency: 11NPSWRD
Date Created: 06/20/98
Location: LAKE MEREDITH-INTAKE STRUCTURE
FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): LAMR_CRMWA_03
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2915
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE INTAKE STRUCTURE AT THE NORTHEAST END OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY IN THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; COLORADO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	1899	40.	41.345	98.	0.	666.103	25.809	5.	20.	62.	75.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	1883	66.2	62.661	82.	35.4	158.809	12.602	41.	54.5	73.4	77.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	1128	74.	72.931	98.	34.	172.971	13.152	56.	66.	82.	90.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/30/68-01/12/70	17	16.	16.294	30.	4.	45.471	6.743	5.6	11.	21.	23.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	197	1958.	1984.777	2980.	926.	128677.123	358.716	1590.	1755.	2234.	2523.2
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	1898	8.	8.193	23.	0.	11.185	3.344	4.	7.	10.	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	11/09/66-02/11/71	26	1.	3.029	26.	0.	30.934	5.562	0.	0.25	2.	9.9
00400p	PH (STANDARD UNITS)	11/16/65-06/01/98	233	8.2	8.212	8.6	6.9	0.043	0.208	8.	8.1	8.4	8.45
00400p	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	233	8.2	8.141	8.6	6.9	0.048	0.22	8.	8.1	8.4	8.45
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	233	0.006	0.007	0.126	0.003	0.	0.009	0.004	0.004	0.008	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	200	177.	176.28	201.	137.	120.826	10.992	164.1	170.	182.	190.
00411	ALKALINITY,METHYLORANGE MG/L	03/02/98-06/01/98	4	200.	199.5	220.	178.	294.333	17.156	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	197 ##	0.	0.919	14.	0.	3.565	1.888	0.	0.	1.	4.
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	194	214.	212.237	242.	166.	181.829	13.484	198.	205.	221.	229.
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	190 ##	0.	1.242	28.	0.	9.899	3.146	0.	0.	1.	4.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	183	1110.	1103.607	1419.	670.	20515.701	143.233	945.2	1030.	1189.	1281.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/14/91-01/20/98	27 ##	0.005	0.009	0.04	0.005	0.	0.009	0.005	0.005	0.005	0.022
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/18/68-10/05/71	18	0.1	0.456	6.7	0.	2.432	1.559	0.	0.028	0.14	0.805
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	201	260.	257.866	304.	181.	625.467	25.009	219.2	250.	274.	284.8
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	201	60.	64.353	148.	43.	330.32	18.175	54.2	58.	65.	70.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	197	26.	27.401	201.	14.	190.078	13.787	20.	23.5	29.	31.2
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	209	257.	265.531	407.	139.	3255.693	57.059	210.	228.	307.5	353.

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Parameter Inventory for Station: LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00937	POTASSIUM, TOTAL MG/L AS K)	06/02/69-05/12/81	14	8.	9.93	32.	0.	72.803	8.532	0.013	6.75	10.	27.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	247	280.	291.672	473.	157.	3912.937	62.553	225.	250.	335.	385.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	213	260.	255.897	387.	135.	1864.225	43.177	201.6	227.	286.	308.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	185	0.9	0.875	1.9	0.05	0.04	0.199	0.7	0.8	0.985	1.1
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/88-07/19/93	3	244.	212.333	244.	149.	3008.333	54.848	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/12/93-07/19/93	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/88-07/19/93	3 ##	2.	7.333	20.	0.	121.333	11.015	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/12/93-07/19/93	2 ##	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/16/65-07/19/93	97	40.	62.918	1860.	0.	36211.993	190.294	10.	10.	60.	84.
01051	LEAD, TOTAL (UG/L AS PB)	02/15/88-02/15/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/16/65-07/19/93	115 ##	25.	48.372	1950.	0.	36058.502	189.891	10.	10.	25.	29.
01067	NICKEL, TOTAL (UG/L AS NI)	04/12/93-07/19/93	2 ##	13.75	13.75	25.	2.5	253.125	15.91	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/15/88-07/19/93	3 ##	5.	3.333	5.	0.	8.333	2.887	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/12/93-07/19/93	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/30/70-07/19/93	3	70.	48.	74.	0.	1732.	41.617	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/88-02/15/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	315	3.	8.762	336.	0.	555.43	23.568	0.	0.	9.	18.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	315	0.477	0.565	2.526	0.	0.27	0.519	0.	0.	0.954	1.255
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.669								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	285	0.	2.34	141.	0.	94.317	9.712	0.	0.	3.	6.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	285	0.	0.197	2.149	0.	0.13	0.36	0.	0.	0.477	0.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.575								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	240	0.	2.846	69.	0.	59.637	7.723	0.	0.	3.	6.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	240	0.	0.25	1.839	0.	0.162	0.403	0.	0.	0.477	0.778
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.776								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	24.	23.667	44.	3.	420.333	20.502	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	1.38	1.167	1.643	0.477	0.374	0.612	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			14.687								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
38680	CHLOROTOLUENE,2-, TOTAL, WATER UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38877	STIROFOS WATER, TOTUG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/11/88-04/11/88	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/11/88-04/11/88	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	04/11/88-04/11/88	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
49547	BROMOMETHANE, TOTAL, WATER UG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/70-05/05/98	10	1003.5	1022.1	1213.	957.	5420.989	73.627	957.7	976.	1040.	1195.7
71830	HYDROXIDE ION (MG/L AS OH)	04/12/70-12/14/70	9 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/12/70-07/30/70	3	0.3	0.233	0.4	0.	0.043	0.208	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	154 ##	0.2	0.252	1.2	0.	0.066	0.257	0.02	0.2	0.2	0.7
71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	05/02/70-05/05/70	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/15/85-02/15/88	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
77133	1,4-DIMETHYLBENZENE(P-XYLENE) WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77596	METHYLENE BROMIDE WHOLE WATER,UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	04/11/88-04/11/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	04/11/88-04/11/88	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	04/11/88-04/11/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	04/11/88-04/11/88	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
81597	METHYL METHACRYLATE WHL WATER SMPL UG/L	04/11/88-04/11/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81607	TETRAHYDROFURAN WHL WATER SMPL UG/L	04/11/88-04/11/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	02/11/71-01/20/98	109	87.6	87.79	101.7	64.	61.344	7.832	78.1	82.8	93.25	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: LAMR0006

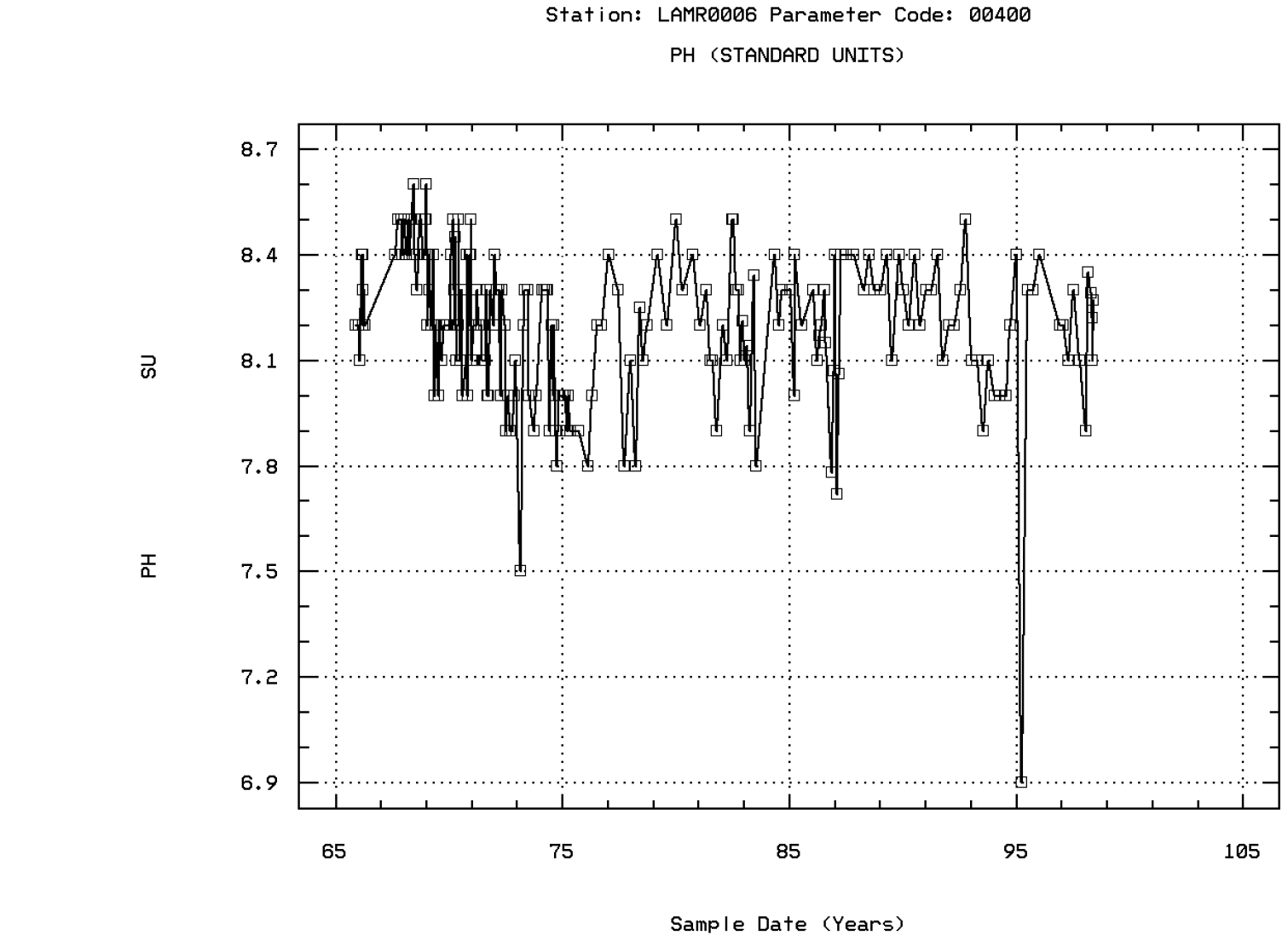
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	0	0.00	6	0	0.00	11	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1893 &	194	0.10	1513	185	0.12	380	9	0.02						
00400	PH	Fresh Chronic	9.	233	0	0.00	120	0	0.00	113	0	0.00						
		Other-Lo Lim.	6.5	233	0	0.00	120	0	0.00	113	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	27	0	0.00	14	0	0.00	13	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	247	0	0.00	131	0	0.00	116	0	0.00						
		Drinking Water	250.	247	187	0.76	131	103	0.79	116	84	0.72						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	213	123	0.58	116	74	0.64	97	49	0.51						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	185	0	0.00	101	0	0.00	84	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.	3	0	0.00	1	0	0.00	2	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	4.	2	0	0.00	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.	3	0	0.00	1	0	0.00	2	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.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						

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

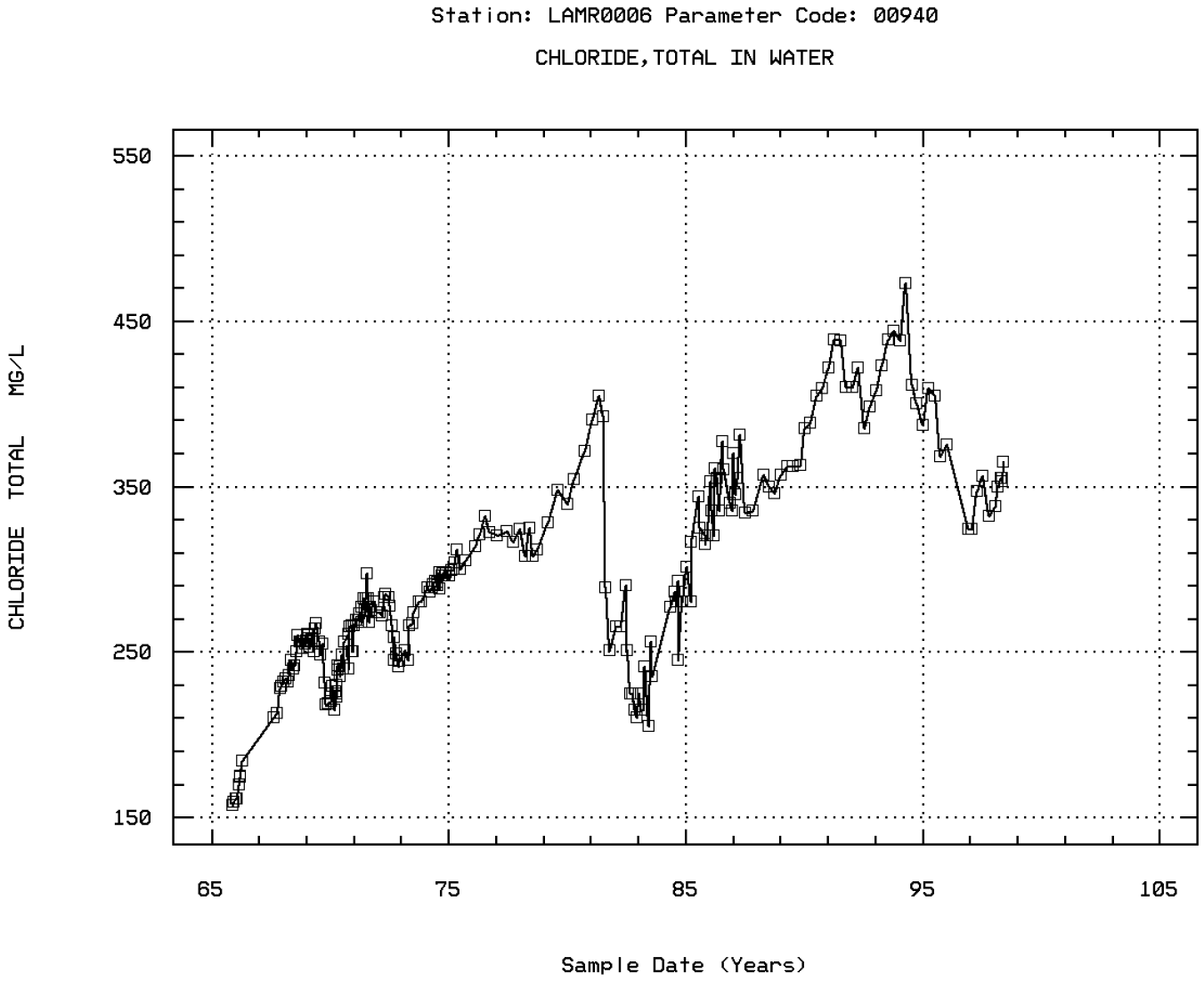
EPA Water Quality Criteria Analysis for Station: LAMR0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	1 &	0	0.00				1	0	0.00						
		Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	315	0	0.00	175	0	0.00	140	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	285	0	0.00	156	0	0.00	129	0	0.00						
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00				1	0	0.00						
		Drinking Water	3.	1	0	0.00				1	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00				1	0	0.00						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00				1	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00				1	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	154	0	0.00	82	0	0.00	72	0	0.00						
71855	NITRITE NITROGEN, TOTAL (AS NO2)	Drinking Water	3.3	3	0	0.00	3	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00						
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						

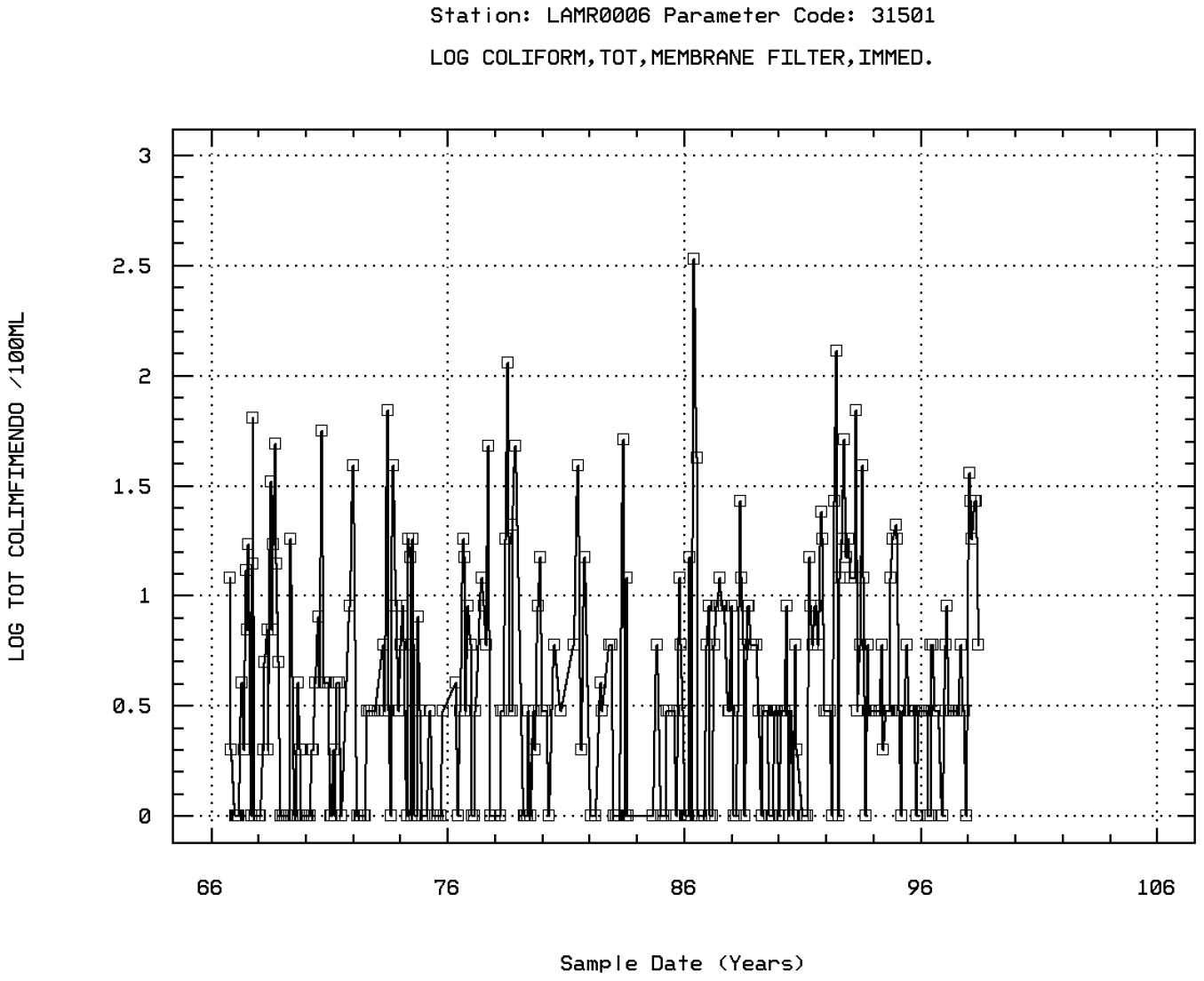
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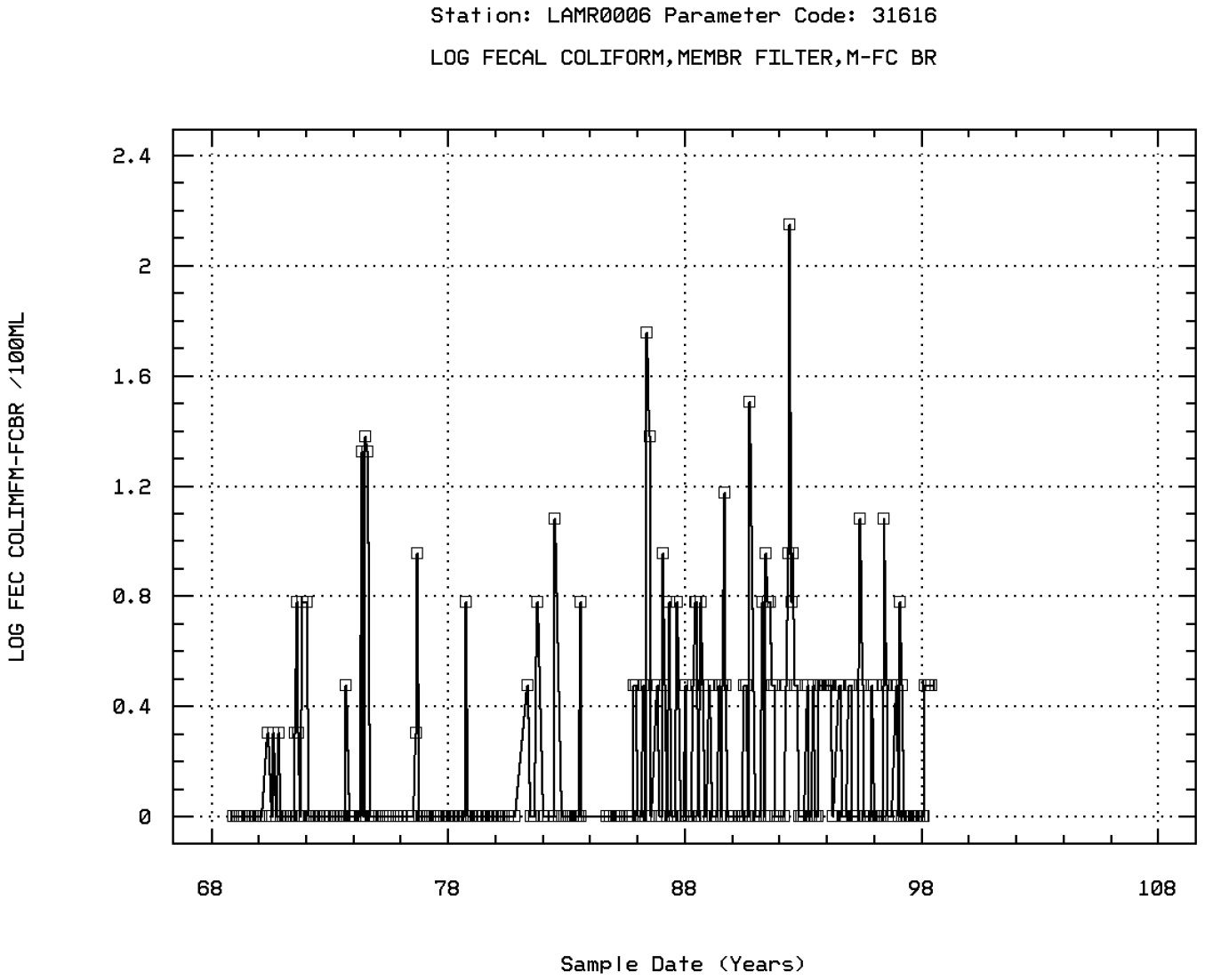
LAKE MEREDITH-INTAKE STRUCTURE



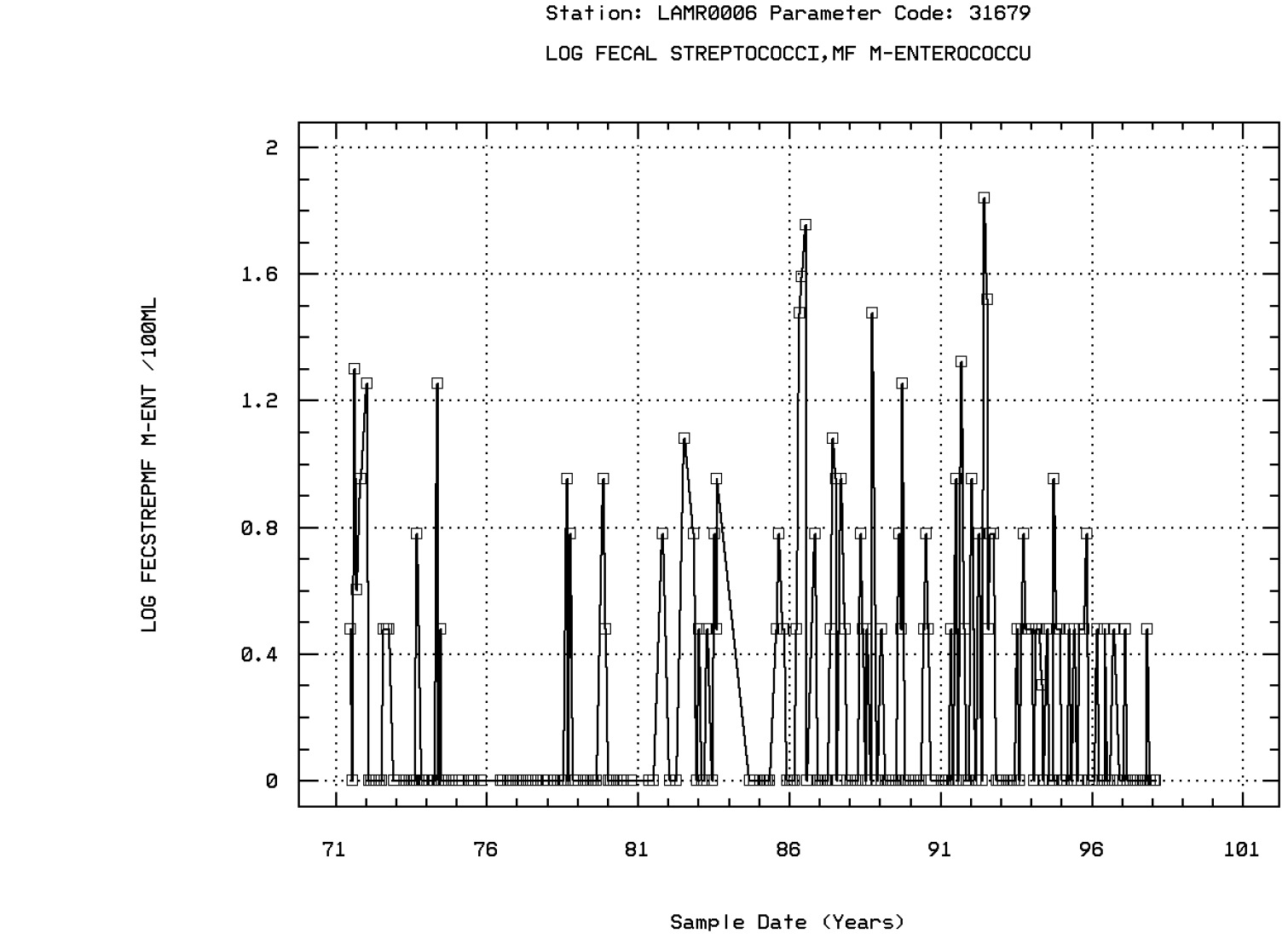
LAKE MEREDITH-INTAKE STRUCTURE



LAKE MEREDITH-INTAKE STRUCTURE



LAKE MEREDITH-INTAKE STRUCTURE



LAKE MEREDITH-INTAKE STRUCTURE

Annual Analysis for 1965 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	2	1173.	1173.	1196.	1150.	1058.	32.527	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	2	140.5	140.5	144.	137.	24.5	4.95	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	2 ##	2.	2.	4.	0.	8.	2.828	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	2	166.5	166.5	167.	166.	0.5	0.707	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	2	675.	675.	680.	670.	50.	7.071	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	2	181.5	181.5	182.	181.	0.5	0.707	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	2	48.5	48.5	49.	48.	0.5	0.707	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	2	146.	146.	148.	144.	8.	2.828	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	2	158.	158.	159.	157.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	2	139.	139.	141.	137.	8.	2.828	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	2	0.85	0.85	0.9	0.8	0.005	0.071	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Annual Analysis for 1966 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	8	1276.	1256.5	1350.	1188.	3427.143	58.542	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	8	8.2	8.25	8.4	8.1	0.011	0.107	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	8	8.2	8.239	8.4	8.1	0.012	0.108	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	8	0.006	0.006	0.008	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	8	148.5	148.875	158.	143.	33.554	5.793	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	8 ##	0.	0.375	2.	0.	0.554	0.744	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	8	177.5	180.625	193.	174.	57.125	7.558	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	8 ##	0.	1.125	6.	0.	4.411	2.1	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	8	736.5	730.375	780.	690.	1049.696	32.399	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	7	205.	202.	218.	192.	91.333	9.557	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	8	54.	53.625	58.	49.	11.696	3.42	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	8	17.	16.625	18.	14.	1.696	1.302	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	8	159.5	158.125	163.	152.	28.696	5.357	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	8	172.	170.125	184.	161.	72.125	8.493	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	8	156.	151.75	161.	135.	92.214	9.603	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	7	0.9	0.929	1.	0.8	0.006	0.076	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	2	7.	7.	12.	2.	50.	7.071	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	2	0.69	0.69	1.079	0.301	0.303	0.55	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.899								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	8 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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Annual Analysis for 1967 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	1662.	1644.5	1694.	1560.	3497.	59.135	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	14	8.25	8.307	11.4	5.2	2.819	1.679	6.	6.975	9.725	10.7
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.45	8.45	8.5	8.4	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.447	8.447	8.5	8.4	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.004	0.004	0.004	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	190.	188.75	193.	182.	28.25	5.315	**	**	**	**

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Annual Analysis for 1967 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4	3.	3.	4.	2.	0.667	0.816	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	223.5	223.	228.	217.	24.667	4.967	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4	4.	3.75	5.	2.	1.583	1.258	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	940.	942.5	980.	910.	891.667	29.861	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	258.5	257.	264.	247.	64.667	8.042	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	66.	67.25	72.	65.	10.917	3.304	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	21.	21.25	23.	20.	2.25	1.5	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	206.5	206.5	212.	201.	24.333	4.933	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	220.5	220.	229.	210.	98.	9.899	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	194.5	197.75	214.	188.	140.25	11.843	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.9	1.15	1.9	0.9	0.25	0.5	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	13	2.	9.308	64.	0.	307.731	17.542	0.	0.	13.5	45.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	13	0.301	0.542	1.806	0.	0.39	0.625	0.	0.	1.13	1.576
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.483								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	4 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Annual Analysis for 1968 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	13	1782.	1790.923	1870.	1705.	3081.744	55.513	1717.8	1741.5	1842.5	1870.
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	5	8.	7.98	8.7	7.3	0.277	0.526	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	15	8.5	8.467	8.6	8.3	0.007	0.082	8.36	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	15	8.5	8.459	8.6	8.3	0.007	0.082	8.36	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	15	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.004	0.004
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	13	196.	194.385	201.	188.	20.923	4.574	188.	189.5	197.5	200.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	13	4.	3.462	6.	0.	2.603	1.613	0.4	3.	4.5	5.6
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	13	229.	228.846	242.	217.	44.141	6.644	218.2	225.	231.5	240.4
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	13	4.	3.923	7.	0.	5.077	2.253	0.	2.5	5.5	6.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	13	1020.	1021.923	1070.	980.	1023.077	31.986	980.	987.5	1050.	1066.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	13	275.	275.769	284.	269.	24.859	4.986	269.	271.	280.	283.2
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	13	69.	69.846	74.	67.	4.808	2.193	67.4	68.	72.	73.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	13	24.	24.462	27.	23.	1.436	1.198	23.	23.5	25.	26.6
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	13	228.	226.538	240.	213.	69.436	8.333	213.	220.5	234.5	238.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	16	247.5	245.875	260.	232.	107.717	10.379	232.	234.5	255.75	257.9
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	13	216.	224.308	250.	204.	262.064	16.188	206.4	211.	241.5	249.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	12	1.	0.937	1.2	0.05	0.089	0.298	0.305	0.9	1.1	1.17
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	14	5.	10.071	49.	0.	208.533	14.441	0.	0.	14.75	41.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	14	0.699	0.663	1.69	0.	0.341	0.584	0.	0.	1.167	1.604
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.598								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	13 ##	0.2	0.254	0.9	0.2	0.038	0.194	0.2	0.2	0.2	0.62

** - 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 1969 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	60	25.	26.467	73.	0.	305.846	17.488	5.	12.25	37.75	49.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	59	63.	60.814	80.	40.	70.913	8.421	43.	63.	63.	63.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	12	1826.	1802.333	1914.	1650.	9629.333	98.129	1650.	1698.25	1878.25	1914.

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Annual Analysis for 1969 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	56	7.7	8.055	11.	7.	0.653	0.808	7.7	7.7	8.5	8.65
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	19	8.2	8.258	8.5	8.	0.02	0.143	8.	8.2	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	19	8.2	8.235	8.5	8.	0.021	0.145	8.	8.2	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	19	0.006	0.006	0.01	0.003	0.	0.002	0.004	0.004	0.006	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	12	180.5	181.5	197.	167.	186.818	13.668	167.3	169.	194.5	197.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	12 ##	0.	0.667	6.	0.	3.152	1.775	0.	0.	0.	4.8
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	12	220.	220.833	240.	204.	259.242	16.101	204.3	206.	235.	239.4
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	12 ##	0.	0.333	2.	0.	0.606	0.778	0.	0.	0.	2.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	12	1045.	1030.	1100.	930.	3327.273	57.683	933.	975.	1070.	1097.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	12	270.	267.083	298.	233.	678.811	26.054	233.9	239.75	294.75	298.
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	12	63.	63.917	77.	56.	53.538	7.317	56.	57.	69.75	75.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	12	26.5	25.833	29.	22.	4.515	2.125	22.3	24.	27.	28.7
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	12	235.	231.333	241.	211.	110.424	10.508	211.6	223.25	238.75	240.7
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	16	256.	251.313	267.	218.	236.763	15.387	218.7	248.5	260.75	267.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	14	241.5	244.714	300.	215.	652.527	25.545	217.5	222.75	251.	298.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	12	0.9	0.933	1.2	0.7	0.022	0.15	0.73	0.8	1.075	1.17
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	15	0.	1.733	18.	0.	21.495	4.636	0.	0.	1.	9.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	15	0.	0.144	1.255	0.	0.123	0.35	0.	0.	0.	0.863
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.393								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	12 ##	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2

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

Annual Analysis for 1970 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	162	40.	41.519	90.	0.	627.792	25.056	9.	20.	60.	75.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	156	53.35	55.465	78.8	39.	107.508	10.369	44.6	48.	66.2	69.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	12	1721.5	1739.5	1850.	1634.	4996.273	70.684	1642.1	1680.25	1801.25	1845.8
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	157	7.5	6.663	10.	0.	4.573	2.138	3.	6.5	7.9	8.2
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	28	8.4	8.321	8.5	8.	0.026	0.161	8.09	8.2	8.45	8.5
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	28	8.4	8.291	8.5	8.	0.027	0.164	8.09	8.2	8.45	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	28	0.004	0.005	0.01	0.003	0.	0.002	0.003	0.004	0.006	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	25	178.	177.28	185.	167.	15.543	3.943	170.	175.	180.	180.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	21 ##	0.	2.524	14.	0.	13.762	3.71	0.	0.	5.	7.6
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	25	210.	209.08	220.	181.	69.077	8.311	201.	205.	216.	217.4
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	21 ##	0.	4.905	28.	0.	55.79	7.469	0.	0.	10.	15.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	12	1010.	1007.5	1060.	960.	1456.818	38.168	960.	965.	1045.	1060.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	23	250.	250.565	258.	240.	29.893	5.467	240.8	250.	255.	257.
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	25	62.	61.44	66.	56.	7.59	2.755	57.6	59.5	64.	64.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	25	23.	23.4	26.	20.	2.417	1.555	21.2	23.	24.	26.
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	25	235.	231.2	254.	210.	141.167	11.881	214.	221.	240.	245.2
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	27	242.	242.333	266.	215.	181.	13.454	222.4	230.	250.	261.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	26	227.	228.538	260.	200.	144.898	12.037	213.5	221.5	236.	244.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	16	0.9	0.944	1.1	0.9	0.004	0.063	0.9	0.9	1.	1.03
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	4.	7.417	56.	0.	238.992	15.459	0.	1.25	4.	41.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.602	0.522	1.748	0.	0.236	0.486	0.	0.075	0.602	1.495
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.326								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	1.778	10.	0.	10.444	3.232	0.	0.	2.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.211	1.	0.	0.109	0.33	0.	0.	0.301	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.627								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	15 ##	0.2	0.287	1.	0.1	0.068	0.261	0.1	0.2	0.2	0.88

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

Annual Analysis for 1971 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	267	40.	39.39	89.	0.	606.457	24.626	5.	20.	60.	75.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	265	58.8	59.362	78.8	38.3	205.201	14.325	39.2	41.2	74.3	75.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	12	1951.	1933.25	1985.	1877.	1955.295	44.219	1877.	1882.75	1971.	1985.
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	265	11.4	10.982	15.	0.	11.357	3.37	7.56	9.9	13.	14.5
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	20	8.15	8.15	8.3	8.	0.009	0.095	8.	8.1	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	20	8.147	8.14	8.3	8.	0.009	0.095	8.	8.1	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	20	0.007	0.007	0.01	0.005	0.	0.002	0.005	0.006	0.008	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	20	181.	179.9	190.	166.	50.937	7.137	168.2	173.25	185.	189.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	17 ##	0.	0.353	6.	0.	2.118	1.455	0.	0.	0.	1.2
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	15	221.	219.	232.	203.	81.857	9.047	204.2	209.	226.	229.
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	15 ##	0.	0.067	1.	0.	0.067	0.258	0.	0.	0.	0.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	18	1099.5	1098.667	1132.	1064.	542.	23.281	1064.	1080.	1120.	1132.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	20	267.5	267.05	289.	238.	178.997	13.379	250.	259.25	278.25	286.6
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	18	65.5	86.278	144.	54.	1192.683	34.535	58.5	62.75	118.	144.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	18	28.5	34.5	58.	26.	128.5	11.336	26.	27.	45.75	58.
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	18	251.	236.167	267.	178.	978.029	31.273	178.	210.25	258.5	260.7
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	20	275.	276.8	297.	266.	75.642	8.697	268.	269.	282.	295.5
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	20	255.5	244.95	270.	200.	516.155	22.719	201.	225.	260.75	266.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	12	0.9	0.917	1.1	0.8	0.007	0.083	0.8	0.9	0.975	1.07
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	1.	2.375	9.	0.	10.268	3.204	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	0.151	0.307	0.954	0.	0.139	0.372	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.03								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	1.417	6.	0.	5.174	2.275	0.	0.	2.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.18	0.778	0.	0.091	0.302	0.	0.	0.301	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.513								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	4.	7.2	20.	0.	61.7	7.855	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.602	0.667	1.301	0.	0.242	0.492	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.644								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	13 ##	0.2	0.185	0.2	0.	0.003	0.055	0.08	0.2	0.2	0.2

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Annual Analysis for 1972 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	158	45.	45.272	94.	0.	775.384	27.846	5.	20.	70.	85.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	154	58.8	59.881	78.6	41.9	153.89	12.405	42.2	48.525	69.8	75.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	12	1897.	1864.417	1958.	1755.	6639.356	81.482	1755.	1765.25	1944.5	1958.
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	154	10.	9.067	12.5	0.	7.547	2.747	6.	7.3	11.3	11.65
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	12	8.05	8.108	8.4	7.9	0.034	0.183	7.9	7.925	8.3	8.37
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	12	8.047	8.075	8.4	7.9	0.035	0.187	7.9	7.925	8.3	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	12	0.009	0.008	0.013	0.004	0.	0.003	0.004	0.005	0.012	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	12	166.	166.333	175.	159.	21.333	4.619	159.9	163.	168.75	174.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	12 ##	0.	0.083	1.	0.	0.083	0.289	0.	0.	0.	0.7
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	12	202.	202.833	214.	194.	31.788	5.638	195.2	199.	205.75	213.1
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	12 ##	0.	0.083	1.	0.	0.083	0.289	0.	0.	0.	0.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	12	1080.	1088.333	1340.	1010.	7960.606	89.222	1010.	1015.	1105.	1277.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	12	255.	251.5	266.	239.	79.545	8.919	239.3	240.5	257.75	263.6
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	12	58.	57.583	61.	55.	4.811	2.193	55.	55.25	59.	61.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	12	26.5	26.167	28.	24.	1.97	1.403	24.	25.	27.	28.
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	12	254.5	253.5	270.	240.	97.727	9.886	240.3	243.25	261.75	268.2
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	16	262.5	261.75	285.	241.	277.933	16.671	243.1	245.	277.	283.6
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	12	253.	253.5	267.	241.	109.727	10.475	241.	241.25	264.5	266.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	12	0.9	0.892	1.	0.8	0.003	0.051	0.8	0.9	0.9	0.97
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	1.5	5.1	39.	0.	144.1	12.004	0.	0.	3.	35.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.239	0.35	1.591	0.	0.246	0.496	0.	0.	0.477	1.48
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.238								

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Annual Analysis for 1972 - Station LAMR0006

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	12/10/68-06/01/98	11	0.	0.545	6.	0.	3.273	1.809	0.	0.	0.	4.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.071	0.778	0.	0.055	0.235	0.	0.	0.	0.623
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.177								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	2.455	18.	0.	28.473	5.336	0.	0.	3.	15.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.244	1.255	0.	0.16	0.4	0.	0.	0.477	1.1
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.755								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	12 ##	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2

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Annual Analysis for 1973 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	333	45.	46.577	98.	0.	809.106	28.445	5.	20.	70.	85.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	332	67.9	64.599	82.	37.4	115.381	10.742	48.2	58.8	71.6	77.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	212	79.	76.679	90.	63.	50.039	7.074	70.	70.	80.	82.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	7	1890.	1895.571	1998.	1793.	4765.286	69.031	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	333	7.4	7.172	23.	0.	20.982	4.581	1.	5.1	8.65	10.4
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	7	8.	8.029	8.3	7.5	0.079	0.281	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	7	8.	7.939	8.3	7.5	0.088	0.297	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	7	0.01	0.012	0.032	0.005	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	7	173.	172.714	178.	168.	9.238	3.039	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	7	211.	210.714	217.	205.	12.905	3.592	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	7	1080.	1075.714	1140.	1030.	1628.571	40.356	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	7	254.	253.857	258.	249.	11.81	3.436	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	7	60.	59.571	61.	57.	2.619	1.618	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	7	26.	25.571	27.	24.	1.286	1.134	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	7	255.	255.286	278.	239.	167.571	12.945	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	7	267.	266.143	280.	245.	187.143	13.68	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	7	251.	256.714	279.	239.	210.571	14.511	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	7	1.	1.029	1.3	0.8	0.039	0.198	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	9	6.	15.667	69.	0.	537.25	23.179	0.	3.	24.	69.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	9	0.778	0.839	1.839	0.	0.337	0.58	0.	0.477	1.273	1.839
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.897								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.13								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.667	6.	0.	4.	2.	0.	0.	0.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.086	0.778	0.	0.067	0.259	0.	0.	0.	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.22								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	7	0.5	0.4	0.6	0.2	0.037	0.191	**	**	**	**

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Annual Analysis for 1974 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	206	45.	43.447	88.	0.	703.546	26.524	5.	20.	65.	80.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	203	68.9	65.818	80.9	38.4	118.54	10.888	51.34	59.	73.8	76.84
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	203	84.	82.325	98.	60.	160.032	12.65	65.	66.	93.	94.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	10	2032.	2024.9	2093.	1900.	2816.989	53.075	1908.5	2015.	2049.	2091.6
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	201	8.8	8.008	12.2	0.	7.464	2.732	4.	7.	9.5	10.8
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	14	8.2	8.114	8.3	7.8	0.031	0.175	7.85	7.975	8.3	8.3

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Annual Analysis for 1974 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	14	8.2	8.08	8.3	7.8	0.032	0.178	7.85	7.975	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	14	0.006	0.008	0.016	0.005	0.	0.004	0.005	0.005	0.011	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	11	175.	173.455	180.	166.	29.073	5.392	166.2	167.	178.	180.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	11 ##	0.	0.364	4.	0.	1.455	1.206	0.	0.	0.	3.2
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	10	212.5	211.	220.	203.	39.778	6.307	203.1	204.	217.	219.7
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	10 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	10	1150.	1144.8	1160.	1120.	212.622	14.582	1120.8	1129.5	1160.	1160.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	14	266.	266.786	275.	258.	31.412	5.605	258.5	261.5	271.5	274.5
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	14	63.	86.5	148.	59.	1606.731	40.084	59.	61.	146.5	148.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	10	27.5	27.3	29.	24.	2.233	1.494	24.2	26.75	28.25	29.
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	10	274.	273.1	283.	264.	29.656	5.446	264.1	270.25	275.25	282.3
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	14	292.	292.5	298.	286.	15.5	3.937	287.	289.	296.25	298.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	14	281.5	279.929	305.	255.	172.533	13.135	257.	273.75	287.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	14	1.1	1.15	1.5	0.97	0.022	0.148	0.97	1.06	1.225	1.4
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	13	6.	6.385	18.	0.	47.423	6.886	0.	0.	12.	18.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	13	0.778	0.583	1.255	0.	0.274	0.523	0.	0.	1.065	1.255
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.827								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	5.5	24.	0.	99.545	9.977	0.	0.	15.75	23.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.335	1.38	0.	0.368	0.607	0.	0.	0.992	1.363
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.165								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	2.1	18.	0.	32.1	5.666	0.	0.	0.75	16.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.173	1.255	0.	0.167	0.409	0.	0.	0.119	1.177
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.49								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	10	0.8	0.84	1.	0.6	0.025	0.158	0.6	0.75	1.	1.

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Annual Analysis for 1975 - Station LAMR0006

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00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	160	40.	42.025	88.	0.	667.396	25.834	5.	20.	65.	79.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	160	66.8	63.109	80.9	38.3	153.22	12.378	38.3	55.9	73.4	76.98
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	160	69.	69.894	90.	34.	238.825	15.454	34.	68.	80.	90.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	6	2078.5	2085.667	2160.	2025.	2829.467	53.193	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	160	9.35	8.901	15.5	0.2	9.333	3.055	4.55	7.6	10.5	12.39
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	6	7.95	7.95	8.	7.9	0.003	0.055	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	6	7.947	7.947	8.	7.9	0.003	0.055	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	6	0.011	0.011	0.013	0.01	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	6	170.5	170.333	176.	164.	15.467	3.933	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	6	208.	207.833	215.	200.	24.567	4.956	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	6	1165.	1170.	1200.	1160.	240.	15.492	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	7	268.	268.857	280.	263.	34.81	5.9	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	6	64.	64.333	72.	59.	22.667	4.761	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	6	27.	26.	28.	21.	7.2	2.683	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	6	283.	282.167	288.	275.	33.367	5.776	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	7	300.	302.286	312.	296.	27.571	5.251	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	7	282.	281.	294.	270.	79.667	8.926	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	7	1.	1.039	1.2	0.9	0.017	0.129	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	0.	0.75	3.	0.	1.929	1.389	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	0.	0.119	0.477	0.	0.049	0.221	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.316								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**

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Annual Analysis for 1975 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	6	0.8	0.717	1.2	0.2	0.202	0.449	**	**	**	**

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Annual Analysis for 1976 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	70	40.	41.171	82.	0.	638.782	25.274	5.	20.	65.	75.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	70	71.6	68.971	77.4	55.4	56.938	7.546	56.3	60.35	74.425	77.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	70	83.	80.857	87.	70.	41.66	6.454	70.	79.	87.	87.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2167.	2180.25	2240.	2147.	1708.25	41.331	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	70	8.	7.653	11.	0.	5.446	2.334	5.01	7.45	9.	10.49
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.1	8.05	8.2	7.8	0.037	0.191	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.089	8.017	8.2	7.8	0.038	0.195	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.008	0.01	0.016	0.006	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	172.5	173.75	178.	172.	8.25	2.872	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	210.5	212.	217.	210.	11.333	3.367	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1225.	1215.	1230.	1180.	566.667	23.805	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	282.	281.5	287.	275.	35.	5.916	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	65.5	65.	68.	61.	12.667	3.559	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	29.	28.75	31.	26.	4.917	2.217	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	302.	300.25	307.	290.	52.25	7.228	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	321.5	322.25	332.	314.	54.917	7.411	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	286.	284.5	298.	268.	163.667	12.793	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.9	0.875	0.9	0.8	0.002	0.05	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	5.	7.25	18.	0.	39.929	6.319	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	0.69	0.715	1.255	0.	0.172	0.415	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.188								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	1.375	9.	0.	9.982	3.159	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.157	0.954	0.	0.115	0.339	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.435								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	4 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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Annual Analysis for 1977 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	82	40.	40.659	80.	0.	594.993	24.392	5.	20.	61.25	75.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	82	75.2	67.989	80.7	35.4	227.813	15.093	37.4	69.525	77.15	78.8
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	82	75.	72.659	88.	52.	133.339	11.547	52.	70.	76.	88.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	3	2163.	2148.333	2176.	2106.	1386.333	37.233	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	82	7.5	7.126	10.	0.	4.971	2.23	4.22	6.5	8.5	9.07
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	3	8.3	8.167	8.4	7.8	0.103	0.321	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	3	8.3	8.082	8.4	7.8	0.114	0.338	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	3	0.005	0.008	0.016	0.004	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	172.	171.	175.	166.	21.	4.583	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	3 ##	0.	0.667	2.	0.	1.333	1.155	**	**	**	**

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Annual Analysis for 1977 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	3	206.	207.667	214.	203.	32.333	5.686	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	3 ##	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	3	1220.	1213.333	1240.	1180.	933.333	30.551	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	267.	268.667	285.	254.	242.333	15.567	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	3	61.	62.333	67.	59.	17.333	4.163	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	3	28.	27.333	28.	26.	1.333	1.155	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	3	292.	296.	304.	292.	48.	6.928	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	3	320.	319.667	323.	316.	12.333	3.512	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	3	298.	294.667	304.	282.	129.333	11.372	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	3	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	4.5	9.75	48.	0.	259.071	16.096	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	0.628	0.621	1.681	0.	0.378	0.615	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.181								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	3 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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Annual Analysis for 1978 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	101	40.	39.446	78.	0.	583.43	24.154	5.	20.	60.	75.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	101	66.2	59.891	82.	35.6	278.027	16.674	35.8	39.	73.4	78.64
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	101	56.	62.891	88.	42.	255.478	15.984	42.	48.	74.	88.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	5	2096.	2038.2	2133.	1750.	26509.7	162.818	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	101	8.2	8.293	12.	0.25	7.043	2.654	5.76	7.05	10.8	11.4
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	5	8.1	8.09	8.25	7.8	0.03	0.175	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	5	8.1	8.059	8.25	7.8	0.032	0.178	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	5	0.008	0.009	0.016	0.006	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	174.	172.5	174.	168.	9.	3.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	212.	210.25	212.	205.	12.25	3.5	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1190.	1190.	1210.	1170.	333.333	18.257	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	266.5	263.5	269.	252.	60.333	7.767	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	58.5	59.25	64.	56.	11.583	3.403	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	28.	28.25	31.	26.	4.917	2.217	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	5	290.	276.2	301.	211.	1388.7	37.265	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	5	312.	315.4	325.	308.	71.8	8.473	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	5	282.	283.	290.	278.	22.	4.69	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.8	0.825	0.9	0.8	0.002	0.05	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	3.	21.3	114.	0.	1284.9	35.846	0.	2.25	27.75	107.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.477	0.822	2.057	0.	0.503	0.709	0.	0.358	1.412	2.019
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.644								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.545	6.	0.	3.273	1.809	0.	0.	0.	4.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.071	0.778	0.	0.055	0.235	0.	0.	0.	0.623
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.177								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.364	9.	0.	9.655	3.107	0.	0.	0.	8.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.157	0.954	0.	0.124	0.353	0.	0.	0.	0.919
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.437								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	4 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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Annual Analysis for 1979 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	96	37.5	37.396	75.	0.	529.168	23.004	5.	16.25	58.75	70.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	96	69.8	64.07	78.8	40.6	160.004	12.649	41.1	53.9	71.9	77.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	96	70.	66.	76.	42.	140.126	11.837	42.	62.	76.	76.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	2	2194.	2194.	2228.	2160.	2312.	48.083	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	96	8.	7.272	11.5	0.	7.072	2.659	2.61	6.65	9.	9.65
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	2	8.3	8.3	8.4	8.2	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	2	8.289	8.289	8.4	8.2	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	2	0.005	0.005	0.006	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	2	172.	172.	175.	169.	18.	4.243	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	2 ##	1.	1.	2.	0.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	2	207.5	207.5	209.	206.	4.5	2.121	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	2 ##	1.	1.	2.	0.	2.	1.414	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	2	1216.	1216.	1242.	1190.	1352.	36.77	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	2	233.	233.	261.	205.	1568.	39.598	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	2	57.	57.	59.	55.	8.	2.828	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	2	29.	29.	30.	28.	2.	1.414	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	2	302.5	302.5	312.	293.	180.5	13.435	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	2	338.	338.	348.	328.	200.	14.142	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	2	279.5	279.5	290.	269.	220.5	14.849	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	9	2.	3.556	15.	0.	26.778	5.175	0.	0.	6.	15.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	9	0.301	0.376	1.176	0.	0.196	0.442	0.	0.	0.716	1.176
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.378								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.5	9.	0.	10.286	3.207	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.179	0.954	0.	0.126	0.355	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.51								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**

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Annual Analysis for 1980 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	14	32.5	32.357	63.	0.	427.786	20.683	2.5	13.75	51.25	61.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	14	60.85	61.064	62.	60.6	0.239	0.489	60.6	60.75	61.25	62.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	14	60.	60.	60.	60.	0.	0.	60.	60.	60.	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	3	2320.	2299.	2349.	2228.	3991.	63.174	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	14	7.75	7.314	8.1	2.2	2.307	1.519	4.6	7.375	8.	8.1
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	3	8.4	8.4	8.5	8.3	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	3	8.4	8.392	8.5	8.3	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	3	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	176.	175.333	180.	170.	25.333	5.033	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	3	2.	1.333	2.	0.	1.333	1.155	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	3	204.	199.	210.	183.	201.	14.177	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	3	2.	1.333	2.	0.	1.333	1.155	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	3	1245.	1260.333	1300.	1236.	1200.333	34.646	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	258.	259.667	270.	251.	92.333	9.609	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	3	59.	58.333	59.	57.	1.333	1.155	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	3	27.	27.667	31.	25.	9.333	3.055	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	3	313.	320.	338.	309.	247.	15.716	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	3	354.	354.667	371.	339.	256.333	16.01	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	3	293.	298.	311.	290.	129.	11.358	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	3	0.8	0.833	0.9	0.8	0.003	0.058	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	6	3.	3.	6.	0.	3.6	1.897	**	**	**	**

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Annual Analysis for 1980 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	6	0.477	0.448	0.778	0.	0.063	0.25	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.804								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	3	## 0.02	0.08	0.2	0.02	0.011	0.104	**	**	**	**

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Annual Analysis for 1981 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	29	35.	34.034	74.	0.	474.034	21.772	5.	15.	52.5	65.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	29	76.4	67.424	77.8	55.	119.01	10.909	55.2	55.4	77.1	77.8
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	29	70.	68.207	70.	66.	4.099	2.024	66.	66.	70.	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	5	2522.	2319.6	2980.	1674.	283820.3	532.748	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	29	8.	8.21	11.2	4.5	3.555	1.885	5.5	6.9	10.	10.6
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	5	8.1	8.12	8.3	7.9	0.022	0.148	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	5	8.1	8.099	8.3	7.9	0.023	0.15	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	5	0.008	0.008	0.013	0.005	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	5	179.	172.8	188.	157.	194.2	13.936	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	5	## 0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	5	218.	210.6	229.	192.	275.8	16.607	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	5	## 0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	5	1270.	1223.2	1419.	958.	41308.7	203.245	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	5	267.	244.8	294.	190.	2179.7	46.687	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	5	50.	52.4	67.	43.	90.3	9.503	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	5	32.	63.8	201.	20.	5914.7	76.907	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	5	346.	314.	354.	243.	2696.5	51.928	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	5	390.	345.4	405.	251.	4951.3	70.365	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	5	302.	279.2	325.	208.	2663.7	51.611	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	5	0.9	0.84	0.9	0.7	0.008	0.089	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	4	10.5	15.5	39.	2.	275.	16.583	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	4	0.977	0.962	1.591	0.301	0.304	0.551	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.153								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	4	1.5	2.25	6.	0.	8.25	2.872	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	4	0.239	0.314	0.778	0.	0.146	0.383	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.06								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	0.	2.	6.	0.	12.	3.464	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.	0.259	0.778	0.	0.202	0.449	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.817								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	5	0.2	0.32	0.9	0.1	0.107	0.327	**	**	**	**

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Annual Analysis for 1982 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	54	42.5	42.648	88.	0.	698.534	26.43	5.	20.	65.	80.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	54	69.8	62.859	77.	39.6	217.876	14.761	40.1	41.35	75.5	77.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	54	74.	66.852	76.	52.	122.657	11.075	52.	52.	76.	76.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	7	1590.	1616.714	1925.	1400.	35308.905	187.907	**	**	**	**

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Annual Analysis for 1982 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	54	7.2	7.176	11.5	0.5	6.204	2.491	3.4	6.5	9.2	10.05
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	8	8.255	8.276	8.5	8.1	0.025	0.157	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	8	8.253	8.253	8.5	8.1	0.025	0.159	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	8	0.006	0.006	0.008	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	165.	163.5	167.	157.	20.333	4.509	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	0.5	2.	0.	1.	1.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	199.	198.25	203.	192.	21.583	4.646	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	942.	947.5	1013.	893.	3166.333	56.27	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	190.5	191.25	200.	184.	43.583	6.602	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	47.5	47.5	50.	45.	5.667	2.38	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	17.5	17.5	20.	15.	5.667	2.38	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	5	228.	227.8	261.	172.	1278.7	35.759	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	8	238.	243.25	290.	210.	823.071	28.689	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	5	200.	234.8	387.	186.	7343.7	85.695	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	6	3.5	3.167	6.	0.	7.367	2.714	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	6	0.54	0.439	0.778	0.	0.129	0.359	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.749								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	2.	12.	0.	24.	4.899	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.18	1.079	0.	0.194	0.441	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.513								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	3.6	12.	0.	28.8	5.367	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.371	1.079	0.	0.27	0.52	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.352								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	4	0.145	0.178	0.4	0.02	0.027	0.166	**	**	**	**

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Annual Analysis for 1983 - Station LAMR0006

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00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	6	1595.	1591.167	1768.	1450.	12375.367	111.245	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	5	8.1	8.056	8.34	7.8	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	5	8.1	8.016	8.34	7.8	0.047	0.217	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	5	0.008	0.01	0.016	0.005	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	175.	176.333	182.	172.	26.333	5.132	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	3	214.	215.333	222.	210.	37.333	6.11	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	3	942.	954.667	999.	923.	1564.333	39.552	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	209.	211.333	218.	207.	34.333	5.859	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	3	49.	50.333	54.	48.	10.333	3.215	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	3	20.	20.333	22.	19.	2.333	1.528	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	5	224.	194.4	239.	139.	2585.8	50.851	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	7	225.	227.429	256.	205.	312.619	17.681	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	3	191.	193.667	205.	185.	105.333	10.263	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	3	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	0.	7.875	51.	0.	321.268	17.924	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	0.	0.348	1.708	0.	0.444	0.667	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.23								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.75	6.	0.	4.5	2.121	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.097	0.778	0.	0.076	0.275	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.251								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	3.	3.	9.	0.	10.286	3.207	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.477	0.395	0.954	0.	0.135	0.368	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.486								

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Annual Analysis for 1983 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	3	0.04	0.05	0.09	0.02	0.001	0.036	**	**	**	**

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Annual Analysis for 1984 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	16	37.5	37.313	72.	0.	552.229	23.5	3.5	16.25	58.75	70.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	16	64.2	64.906	69.8	62.7	4.754	2.18	62.7	63.05	66.6	68.61
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	16	70.	70.	70.	70.	0.	0.	70.	70.	70.	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	3	1952.	1947.667	1971.	1920.	664.333	25.775	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	16	6.	6.275	8.	2.5	1.602	1.266	4.67	6.	7.375	7.72
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	3	8.3	8.3	8.4	8.2	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	3	8.3	8.292	8.4	8.2	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	3	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	185.	184.667	191.	178.	42.333	6.506	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	3 ##	0.	1.	3.	0.	3.	1.732	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	3	226.	223.	226.	217.	27.	5.196	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	3 ##	0.	1.	3.	0.	3.	1.732	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	3	1087.	1088.667	1096.	1083.	44.333	6.658	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	224.	226.	238.	216.	124.	11.136	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	3	55.	54.667	57.	52.	6.333	2.517	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	3	21.	21.667	23.	21.	1.333	1.155	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	3	272.	271.	273.	268.	7.	2.646	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	6	280.	276.833	293.	245.	275.767	16.606	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	3	229.	229.667	234.	226.	16.333	4.041	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	3	0.8	0.767	0.8	0.7	0.003	0.058	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	2	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	2	0.389	0.389	0.778	0.	0.303	0.55	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.449								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	3	0.04	0.033	0.04	0.02	0.	0.012	**	**	**	**

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Annual Analysis for 1985 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	15	35.	35.	70.	0.	500.	22.361	3.	15.	55.	67.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	15	60.9	60.773	62.6	58.1	1.645	1.283	58.4	60.6	61.5	62.42
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	15	67.	67.	67.	67.	0.	0.	67.	67.	67.	67.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2064.	1960.75	2192.	1523.	90343.583	300.572	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	15	8.	7.987	10.	5.	1.207	1.099	6.08	7.6	8.5	9.4
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.25	8.225	8.4	8.	0.029	0.171	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.247	8.199	8.4	8.	0.03	0.173	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.006	0.006	0.01	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	183.	181.	184.	176.	19.	4.359	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	3 ##	0.	1.	3.	0.	3.	1.732	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	3	217.	218.333	223.	215.	17.333	4.163	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	3 ##	0.	1.	3.	0.	3.	1.732	**	**	**	**

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Annual Analysis for 1985 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	3	1169.	1174.667	1217.	1138.	1584.333	39.804	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	240.	238.	240.	234.	12.	3.464	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	3	56.	56.333	58.	55.	2.333	1.528	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	3	24.	24.	25.	23.	1.	1.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	3	302.	299.333	309.	287.	126.333	11.24	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	8	318.	315.125	344.	280.	344.696	18.566	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	3	247.	252.667	265.	246.	114.333	10.693	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	3	0.8	0.767	0.8	0.7	0.003	0.058	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	3.	3.	12.	0.	14.	3.742	0.	0.	3.75	11.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.477	0.377	1.079	0.	0.14	0.375	0.	0.	0.552	1.049
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.38								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.6	3.	0.	1.6	1.265	0.	0.	0.75	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.095	0.477	0.	0.04	0.201	0.	0.	0.119	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.246								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	1.5	6.	0.	4.5	2.121	0.	0.	3.	5.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.221	0.778	0.	0.089	0.298	0.	0.	0.477	0.748
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.663								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	3	0.1	0.097	0.1	0.09	0.	0.006	**	**	**	**

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Annual Analysis for 1986 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	14	32.5	32.357	63.	0.	427.786	20.683	2.5	13.75	51.25	61.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	14	64.	63.721	64.4	62.7	0.446	0.668	62.7	62.9	64.4	64.4
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	14	62.	62.	62.	62.	0.	0.	62.	62.	62.	62.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	8	1960.	1906.	2336.	926.	206416.857	454.331	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	14	8.5	8.357	9.	6.	0.609	0.78	6.9	8.075	9.	9.
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	8	8.16	8.134	8.3	7.78	0.027	0.165	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	8	8.16	8.102	8.3	7.78	0.029	0.169	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	8	0.007	0.008	0.017	0.005	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	179.	179.667	182.	178.	4.333	2.082	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	3	218.	219.	222.	217.	7.	2.646	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	3	1189.	1192.	1225.	1162.	999.	31.607	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	245.	246.	249.	244.	7.	2.646	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	3	56.	56.333	58.	55.	2.333	1.528	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	3	26.	25.667	27.	24.	2.333	1.528	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	5	313.	283.8	340.	218.	3701.2	60.837	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	10	346.5	347.1	377.	320.	286.1	16.914	321.5	335.	360.25	375.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	3	272.	267.333	275.	255.	116.333	10.786	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	3	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	0.	39.9	336.	0.	11000.1	104.881	0.	0.	21.75	306.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.	0.61	2.526	0.	0.809	0.899	0.	0.	1.288	2.436
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.077								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	8.7	57.	0.	342.9	18.518	0.	0.	8.25	53.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.409	1.756	0.	0.419	0.647	0.	0.	0.703	1.718
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.565								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	1.5	13.5	57.	0.	432.5	20.797	0.	0.	32.25	55.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.239	0.608	1.756	0.	0.548	0.74	0.	0.	1.506	1.739
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.054								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	3	0.02	0.077	0.2	0.01	0.011	0.107	**	**	**	**

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Annual Analysis for 1987 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	31	35.	36.097	73.	0.	504.757	22.467	5.	15.	55.	65.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	31	59.	61.529	77.	46.4	193.236	13.901	46.46	48.2	76.8	76.8
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	31	74.	66.258	74.	58.	66.065	8.128	58.	58.	74.	74.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	6	2224.	2086.5	2368.	1710.	81937.5	286.247	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	31	8.	7.023	9.	0.5	6.459	2.541	1.1	7.5	8.	9.
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	6	8.4	8.23	8.4	7.72	0.081	0.284	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	6	8.4	8.138	8.4	7.72	0.091	0.302	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	6	0.004	0.007	0.019	0.004	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	179.5	178.5	182.	173.	16.333	4.041	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4	2.	2.	2.	2.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	214.	212.75	217.	206.	24.917	4.992	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4	2.	2.	2.	2.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1125.5	1133.	1173.	1108.	839.333	28.971	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	243.	242.	255.	227.	148.667	12.193	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	58.5	57.25	59.	53.	8.25	2.872	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	23.5	24.	27.	22.	4.667	2.16	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	6	309.	289.	336.	224.	2379.2	48.777	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	6	350.	353.333	381.	334.	365.067	19.107	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	264.	263.25	271.	254.	54.917	7.411	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.8	0.775	0.8	0.7	0.003	0.05	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	9.	6.273	12.	0.	17.018	4.125	0.	3.	9.	11.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.954	0.689	1.079	0.	0.155	0.394	0.	0.477	0.954	1.054
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.89								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	2.4	9.	0.	11.6	3.406	0.	0.	6.	8.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.299	0.954	0.	0.162	0.402	0.	0.	0.778	0.937
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.99								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.273	12.	0.	20.618	4.541	0.	0.	9.	11.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.358	1.079	0.	0.203	0.45	0.	0.	0.954	1.054
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.282								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	4	0.015	0.026	0.07	0.005	0.001	0.03	**	**	**	**

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Annual Analysis for 1988 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	3	2272.	2282.667	2320.	2256.	1109.333	33.307	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	3	8.3	8.333	8.4	8.3	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	3	8.3	8.331	8.4	8.3	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	3	0.005	0.005	0.005	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	176.	179.667	188.	175.	52.333	7.234	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	3 ##	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	3	215.	217.667	229.	209.	105.333	10.263	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	3 ##	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	3	1136.	1140.333	1167.	1118.	614.333	24.786	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	3	269.	262.667	272.	247.	186.333	13.65	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	3	60.	60.	61.	59.	1.	1.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	3	29.	27.667	30.	24.	10.333	3.215	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	3	314.	312.	319.	303.	67.	8.185	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	3	350.	351.	357.	346.	31.	5.568	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	3	276.	274.667	281.	267.	50.333	7.095	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	3	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	6.	7.25	27.	0.	54.75	7.399	0.	0.75	9.	22.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.778	0.682	1.431	0.	0.219	0.468	0.	0.119	0.954	1.326
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.809								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	1.5	2.25	6.	0.	6.75	2.598	0.	0.	5.25	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.239	0.314	0.778	0.	0.12	0.346	0.	0.	0.703	0.778

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Annual Analysis for 1988 - Station LAMR0006

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 =			2.06								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.818	30.	0.	79.364	8.909	0.	0.	3.	25.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.292	1.477	0.	0.231	0.48	0.	0.	0.477	1.337
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.958								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	3	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**

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Annual Analysis for 1989 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2280.	2284.	2336.	2240.	1941.333	44.061	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.35	8.3	8.4	8.1	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.347	8.282	8.4	8.1	0.02	0.143	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.004	0.005	0.008	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	179.	179.75	184.	177.	9.583	3.096	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	1.	1.25	3.	0.	2.25	1.5	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	218.5	216.5	220.	209.	27.	5.196	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	1.	1.5	4.	0.	3.667	1.915	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1160.	1160.	1178.	1142.	240.	15.492	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	262.5	262.	265.	258.	12.667	3.559	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	59.5	58.5	60.	55.	5.667	2.38	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	28.5	28.25	30.	26.	2.917	1.708	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	324.	324.5	332.	318.	35.667	5.972	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	362.	361.	363.	357.	7.333	2.708	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	279.5	285.5	318.	265.	516.333	22.723	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	2.182	6.	0.	3.764	1.94	0.	0.	3.	5.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.331	0.778	0.	0.077	0.277	0.	0.	0.477	0.718
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.143								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	2.455	15.	0.	19.473	4.413	0.	0.	3.	12.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.28	1.176	0.	0.143	0.378	0.	0.	0.477	1.036
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.907								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	2.727	18.	0.	29.618	5.442	0.	0.	3.	15.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.272	1.255	0.	0.183	0.427	0.	0.	0.477	1.16
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.869								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**

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Annual Analysis for 1990 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	15	35.	34.933	69.	0.	495.067	22.25	3.	15.	55.	66.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	15	75.	74.933	76.8	73.6	0.564	0.751	74.02	74.3	75.	76.38
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	15	66.	66.	66.	66.	0.	0.	66.	66.	66.	66.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2464.	2456.	2544.	2352.	8960.	94.657	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	15	7.5	7.54	9.	6.4	0.787	0.887	6.4	6.7	8.2	9.
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.25	8.275	8.4	8.2	0.009	0.096	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.247	8.267	8.4	8.2	0.009	0.096	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.006	0.005	0.006	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	180.	181.	188.	176.	28.	5.292	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	218.5	220.25	229.	215.	44.917	6.702	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	0.25	1.	0.	0.25	0.5	**	**	**	**

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Annual Analysis for 1990 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1255.5	1250.5	1282.	1209.	1081.667	32.889	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	275.5	276.25	281.	273.	12.917	3.594	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	60.	60.75	64.	59.	4.917	2.217	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	30.	30.	31.	29.	0.667	0.816	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	356.	353.5	368.	334.	255.	15.969	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	396.5	396.75	409.	385.	144.25	12.01	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	293.	293.75	305.	284.	74.917	8.655	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.75	0.75	0.8	0.7	0.003	0.058	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	3.	2.9	9.	0.	8.1	2.846	0.	0.	3.75	8.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.477	0.394	0.954	0.	0.107	0.327	0.	0.	0.552	0.937
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.479								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	4.222	32.	0.	110.194	10.497	0.	0.	3.	32.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.273	1.505	0.	0.256	0.506	0.	0.	0.477	1.505
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.876								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.333	6.	0.	4.75	2.179	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.192	0.778	0.	0.091	0.302	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.558								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**

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Annual Analysis for 1991 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	16	37.5	37.25	71.	0.	547.667	23.402	3.5	16.25	58.75	70.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	16	75.9	73.181	77.	59.	36.502	6.042	60.89	72.5	76.8	77.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	16	84.	84.	84.	84.	0.	0.	84.	84.	84.	84.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2593.5	2588.75	2656.	2512.	4234.25	65.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	16	8.5	7.244	9.	0.5	6.691	2.587	1.2	7.225	8.5	9.
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.3	8.275	8.4	8.1	0.016	0.126	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.3	8.261	8.4	8.1	0.016	0.127	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.005	0.005	0.008	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	179.	178.75	185.	172.	28.917	5.377	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	0.5	2.	0.	1.	1.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	216.	217.	226.	210.	54.667	7.394	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	0.5	2.	0.	1.	1.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1316.5	1305.75	1336.	1254.	1456.25	38.161	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	274.	273.5	287.	259.	131.667	11.475	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	59.5	59.5	63.	56.	8.333	2.887	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	30.5	30.25	31.	29.	0.917	0.957	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	372.5	371.25	382.	358.	158.25	12.58	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	430.	427.25	439.	410.	192.917	13.889	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	306.5	303.5	310.	291.	80.333	8.963	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.8	0.775	0.8	0.7	0.003	0.05	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	7.5	8.25	24.	0.	57.477	7.581	0.	0.75	13.5	22.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.866	0.726	1.38	0.	0.247	0.497	0.	0.119	1.121	1.343
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.317								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	1.5	2.75	9.	0.	10.568	3.251	0.	0.	6.	8.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.239	0.354	0.954	0.	0.153	0.391	0.	0.	0.778	0.901
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.257								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	3.	21.	0.	39.273	6.267	0.	0.	3.	17.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.269	1.322	0.	0.204	0.452	0.	0.	0.477	1.212
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.859								

** - Less than 9 observations ## - Computed 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 LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2472.	2464.	2544.	2368.	5632.	75.047	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.25	8.3	8.5	8.2	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.247	8.284	8.5	8.2	0.02	0.143	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.006	0.005	0.006	0.003	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	176.	176.25	182.	171.	20.917	4.573	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	1.	4.	0.	4.	2.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	212.5	212.75	222.	204.	62.25	7.89	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	1.25	5.	0.	6.25	2.5	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1253.	1250.25	1306.	1189.	2814.25	53.05	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	270.5	267.75	274.	256.	68.25	8.261	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	59.	59.	60.	58.	0.667	0.816	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	29.5	29.25	31.	27.	2.917	1.708	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	359.5	356.75	370.	338.	240.917	15.521	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	404.	403.75	422.	385.	252.25	15.882	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	288.	289.5	310.	272.	310.333	17.616	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.7	0.7	0.8	0.6	0.007	0.082	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	15.	25.091	129.	0.	1408.091	37.525	0.	3.	27.	113.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	1.176	0.997	2.111	0.	0.463	0.681	0.	0.477	1.431	2.03
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.937								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	3.	15.818	141.	0.	1735.364	41.658	0.	0.	9.	114.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.477	0.57	2.149	0.	0.416	0.645	0.	0.	0.954	1.91
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.713								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	6.	12.	69.	0.	446.4	21.128	0.	0.	9.	61.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.778	0.648	1.839	0.	0.403	0.635	0.	0.	0.954	1.775
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.442								

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Annual Analysis for 1993 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2592.	2602.	2664.	2560.	2106.667	45.898	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.1	8.05	8.1	7.9	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.1	8.041	8.1	7.9	0.01	0.101	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.008	0.009	0.013	0.008	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	178.	177.5	181.	173.	17.	4.123	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	217.5	216.75	221.	211.	25.583	5.058	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1298.5	1304.	1352.	1267.	1304.667	36.12	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	279.5	279.25	285.	273.	24.25	4.924	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	60.5	61.25	65.	59.	8.25	2.872	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	30.5	30.75	32.	30.	0.917	0.957	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	369.	370.	384.	358.	130.667	11.431	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	431.	428.5	444.	408.	267.	16.34	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	294.5	300.5	321.	292.	188.333	13.723	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	6.	15.	69.	0.	433.8	20.828	0.6	3.	12.	63.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.778	0.878	1.839	0.	0.283	0.532	0.095	0.477	1.079	1.789
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.546								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	3.	1.636	3.	0.	2.455	1.567	0.	0.	3.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.477	0.26	0.477	0.	0.062	0.249	0.	0.	0.477	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.821								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.636	6.	0.	4.255	2.063	0.	0.	3.	5.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.244	0.778	0.	0.086	0.293	0.	0.	0.477	0.718
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.755								

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Annual Analysis for 1994 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2698.5	2714.	2835.	2624.	9578.	97.867	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.	8.05	8.2	8.	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.	8.042	8.2	8.	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.01	0.009	0.01	0.006	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	179.	179.75	185.	176.	16.917	4.113	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	218.5	219.5	226.	215.	25.667	5.066	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1332.	1347.75	1415.	1312.	2098.917	45.814	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	283.	283.	297.	269.	147.333	12.138	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	59.5	59.5	63.	56.	9.667	3.109	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	32.5	32.75	36.	30.	7.583	2.754	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	382.	386.5	407.	375.	198.333	14.083	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	424.5	430.5	473.	400.	1057.667	32.522	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	325.5	324.5	337.	310.	151.	12.288	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.8	0.775	0.8	0.7	0.003	0.05	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	3.	6.667	21.	2.	43.515	6.597	2.3	3.	10.5	20.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.477	0.673	1.322	0.301	0.122	0.349	0.354	0.477	1.004	1.302
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.71								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	3.	1.8	3.	0.	2.4	1.549	0.	0.	3.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.477	0.286	0.477	0.	0.061	0.246	0.	0.	0.477	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.933								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	2.417	9.	0.	6.265	2.503	0.	0.	3.	7.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.343	0.954	0.	0.087	0.294	0.	0.	0.477	0.811
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.204								

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

Annual Analysis for 1995 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2576.	2546.75	2667.	2368.	16171.583	127.168	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.3	7.975	8.4	6.9	0.516	0.718	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.3	7.456	8.4	6.9	0.875	0.935	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.005	0.035	0.126	0.004	0.004	0.061	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	174.5	176.75	184.	174.	23.583	4.856	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	1.	4.	0.	4.	2.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	212.	213.	224.	204.	68.	8.246	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	1.25	5.	0.	6.25	2.5	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1277.5	1279.5	1329.	1234.	1517.667	38.957	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	285.5	288.5	304.	279.	136.333	11.676	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	57.5	58.	60.	57.	2.	1.414	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	34.5	35.	38.	33.	6.	2.449	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	362.	358.25	373.	336.	246.917	15.714	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	396.	392.25	409.	368.	352.917	18.786	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	323.	322.5	331.	313.	57.	7.55	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.55	0.675	1.1	0.5	0.083	0.287	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	4.091	18.	0.	23.891	4.888	0.	3.	3.	15.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.488	1.255	0.	0.115	0.339	0.	0.477	0.477	1.16
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.079								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	1.909	12.	0.	13.091	3.618	0.	0.	3.	10.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.228	1.079	0.	0.127	0.357	0.	0.	0.477	0.959
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.691								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.636	6.	0.	4.255	2.063	0.	0.	3.	5.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.244	0.778	0.	0.086	0.293	0.	0.	0.477	0.718
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.755								

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

Annual Analysis for 1996 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	2	2368.	2368.	2448.	2288.	12800.	113.137	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	2	8.3	8.3	8.4	8.2	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	2	8.289	8.289	8.4	8.2	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	2	0.005	0.005	0.006	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	2	176.	176.	177.	175.	2.	1.414	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	2 ##	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	2	195.5	195.5	214.	177.	684.5	26.163	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	2 ##	2.	2.	4.	0.	8.	2.828	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	2	1207.5	1207.5	1265.	1150.	6612.5	81.317	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	2	274.5	274.5	301.	248.	1404.5	37.477	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	2	60.5	60.5	61.	60.	0.5	0.707	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	2	30.	30.	36.	24.	72.	8.485	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	2	335.	335.	338.	332.	18.	4.243	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	2	349.5	349.5	375.	324.	1300.5	36.062	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	2	319.5	319.5	341.	298.	924.5	30.406	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	2.727	6.	0.	4.418	2.102	0.	0.	3.	6.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.402	0.778	0.	0.08	0.283	0.	0.	0.477	0.778
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.522								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	1.909	12.	0.	13.091	3.618	0.	0.	3.	10.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.228	1.079	0.	0.127	0.357	0.	0.	0.477	0.959
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.691								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.818	3.	0.	1.964	1.401	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.13	0.477	0.	0.05	0.223	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.349								

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Annual Analysis for 1997 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	4	2328.	2320.	2368.	2256.	2218.667	47.103	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.15	8.175	8.3	8.1	0.009	0.096	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	4	8.147	8.167	8.3	8.1	0.009	0.096	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	4	0.007	0.007	0.008	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	183.	181.5	184.	176.	13.667	3.697	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	4	223.	221.25	224.	215.	17.583	4.193	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	4	1174.5	1170.75	1199.	1135.	789.583	28.1	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	4	281.	280.5	289.	271.	60.333	7.767	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	4	62.5	67.25	83.	61.	110.917	10.532	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	4	29.5	27.25	33.	17.	50.917	7.136	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	4	319.5	317.5	331.	300.	179.	13.379	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	4	339.5	339.75	356.	324.	208.25	14.431	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	4	304.	302.5	304.	298.	9.	3.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	4	0.6	0.55	0.7	0.3	0.03	0.173	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	3.	3.75	9.	0.	5.114	2.261	0.9	3.	5.25	8.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.477	0.527	0.954	0.	0.055	0.235	0.143	0.477	0.703	0.901
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.367								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.75	6.	0.	3.477	1.865	0.	0.	0.	5.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.105	0.778	0.	0.064	0.253	0.	0.	0.	0.688
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.272								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	0.5	3.	0.	1.364	1.168	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.08	0.477	0.	0.034	0.186	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.201								

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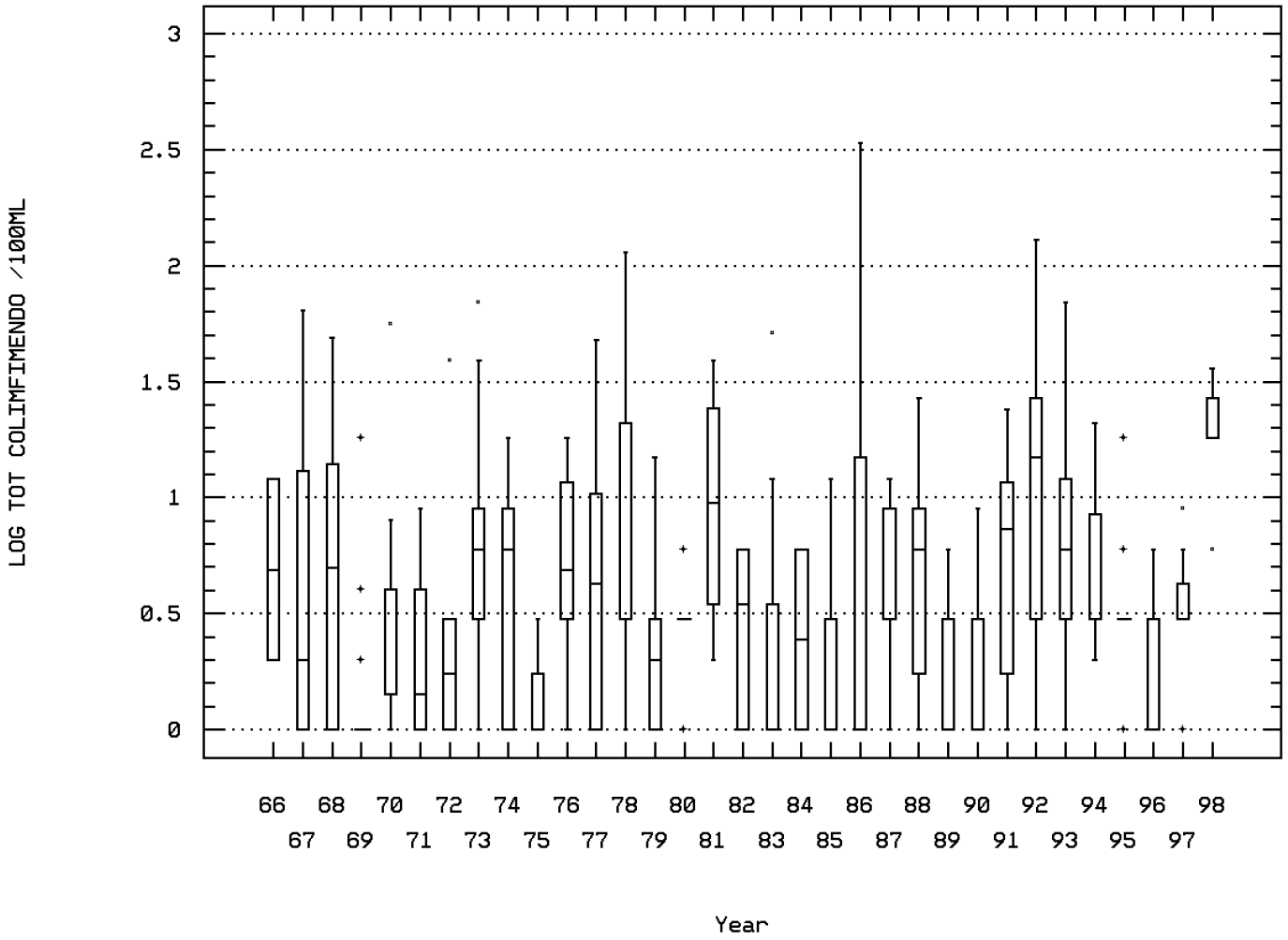
Annual Analysis for 1998 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	6	2023.5	2099.	2368.	1861.	42115.2	205.22	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/65-06/01/98	6	8.245	8.188	8.35	7.9	0.027	0.164	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	6	8.244	8.16	8.35	7.9	0.028	0.167	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	6	0.006	0.007	0.013	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	2	189.	189.	190.	188.	2.	1.414	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	2	230.5	230.5	232.	229.	4.5	2.121	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	1	1177.	1177.	1177.	1177.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	2	294.	294.	303.	285.	162.	12.728	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	2	64.	64.	66.	62.	8.	2.828	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	2	32.5	32.5	34.	31.	4.5	2.121	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	6	234.	261.5	328.	228.	2185.9	46.754	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	6	354.	352.667	365.	338.	77.067	8.779	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	6	305.	303.333	350.	275.	776.667	27.869	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	6	27.	23.5	36.	6.	105.9	10.291	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	6	1.431	1.314	1.556	0.778	0.078	0.28	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.605								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	3.	2.	3.	0.	2.4	1.549	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.477	0.318	0.477	0.	0.061	0.246	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.08								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Station: LAMR0006 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-INTAKE STRUCTURE

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	1527	40.	41.206	98.	0.	662.981	25.748	5.	20.	60.	75.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	1507	69.8	67.542	82.	46.4	70.014	8.367	55.4	61.8	75.	77.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	991	76.	75.763	98.	52.	107.553	10.371	62.	69.	84.	90.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	103	1971.	2033.495	2751.	926.	102257.194	319.777	1686.4	1804.	2272.	2525.6
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	1518	7.8	7.852	23.	0.	12.471	3.531	3.	6.5	9.5	12.
00400p	PH (STANDARD UNITS)	11/16/65-06/01/98	120	8.2	8.198	8.6	7.8	0.031	0.177	7.9	8.1	8.3	8.4
00400p	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	120	8.2	8.162	8.6	7.8	0.033	0.181	7.9	8.1	8.3	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	120	0.006	0.007	0.016	0.003	0.	0.003	0.004	0.005	0.008	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	107	177.	176.916	201.	157.	88.455	9.405	164.	170.	183.	190.
00415p	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	107 ##	0.	0.804	14.	0.	4.065	2.016	0.	0.	0.	3.
00440p	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	101	214.	213.455	242.	181.	135.83	11.655	198.2	205.5	220.	228.6
00445p	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	101 ##	0.	1.139	28.	0.	12.461	3.53	0.	0.	0.	4.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	99	1118.	1124.354	1419.	780.	13310.353	115.371	990.	1050.	1199.	1282.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/14/91-01/20/98	14 ##	0.005	0.009	0.03	0.005	0.	0.008	0.005	0.005	0.009	0.025
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	109	265.	260.954	303.	184.	541.655	23.273	238.	251.	275.5	287.
00916p	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	108	60.	67.796	148.	43.	561.958	23.706	55.	57.	67.	80.5
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	104	27.	29.413	201.	15.	333.701	18.267	21.5	24.	30.	33.
00929p	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	109	258.	271.734	384.	163.	2781.864	52.743	216.	233.	311.	354.
00940p	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	131	285.	298.748	444.	184.	3299.467	57.441	240.	255.	344.	390.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	116	263.5	261.034	387.	161.	1477.199	38.434	209.4	230.25	286.	306.5
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	101	0.9	0.872	1.5	0.05	0.033	0.181	0.7	0.8	0.97	1.1
01045	IRON, TOTAL (UG/L AS FE)	11/16/65-07/19/93	50	39.5	74.38	1860.	0.	67304.118	259.43	10.	10.	52.5	98.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/16/65-07/19/93	68 ##	25.	68.478	1950.	0.	60305.369	245.572	0.	10.	25.	137.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	175	4.	11.966	336.	0.	912.148	30.202	0.	2.	12.	27.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	175	0.602	0.68	2.526	0.	0.295	0.543	0.	0.301	1.079	1.431
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.787								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	156	0.	3.705	141.	0.	166.661	12.91	0.	0.	3.	9.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	156	0.	0.276	2.149	0.	0.185	0.43	0.	0.	0.477	0.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.89								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	133	0.	4.233	69.	0.	98.104	9.905	0.	0.	3.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	133	0.	0.335	1.839	0.	0.213	0.462	0.	0.	0.477	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.162								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	82 ##	0.2	0.256	1.2	0.	0.074	0.271	0.013	0.1	0.2	0.8
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	02/11/71-01/20/98	58	87.45	87.707	101.7	64.	64.456	8.028	79.	83.55	92.925	98.1

** - 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 4/14 - Station LAMR0006

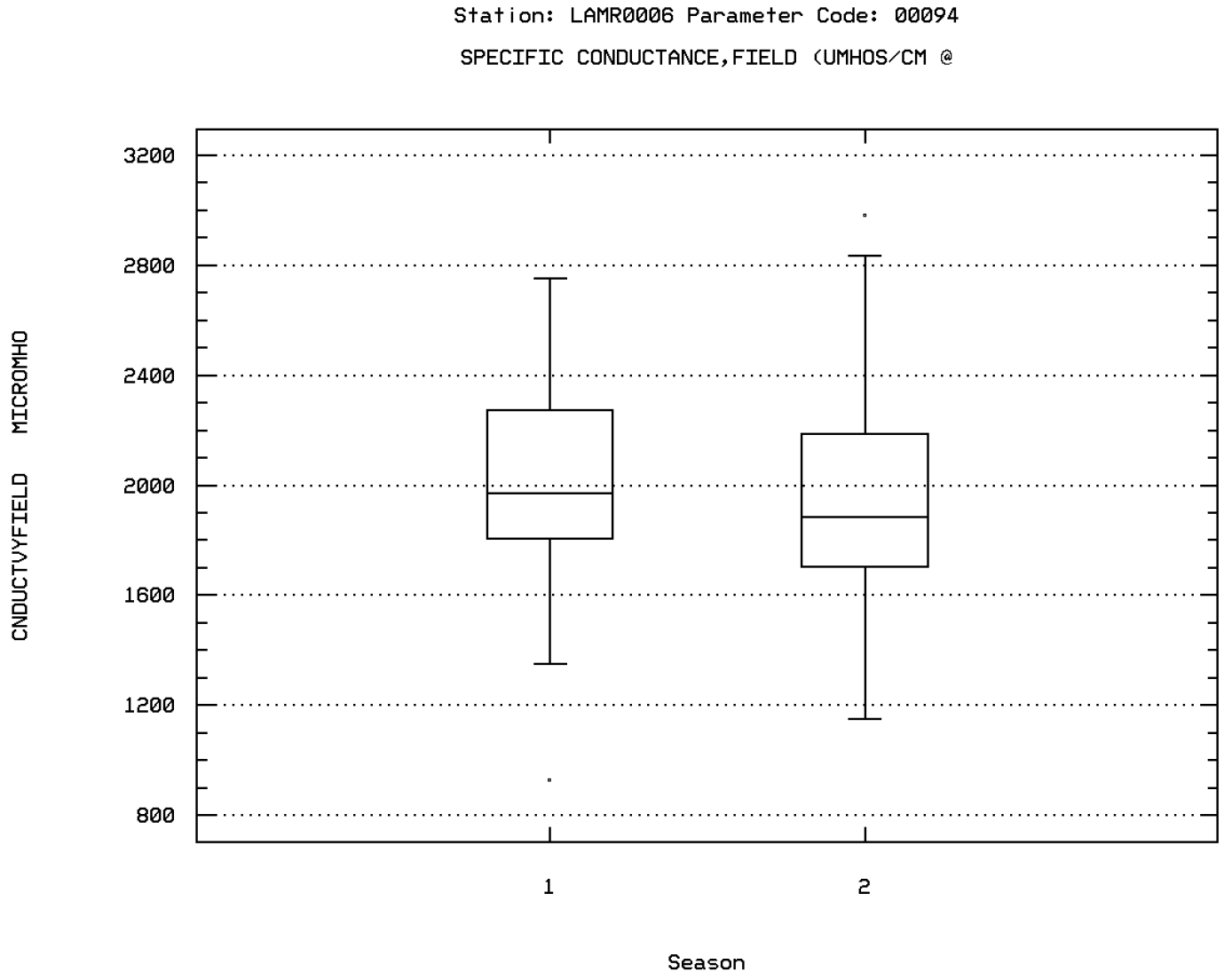
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/69-07/15/91	372	40.	41.919	94.	0.	680.328	26.083	5.	20.	65.	80.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/30/68-07/15/91	376	41.	43.099	59.	35.4	36.41	6.034	37.4	39.	47.65	53.7
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/02/73-07/15/91	137	52.	52.445	76.	34.	169.264	13.01	34.	42.	65.	76.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/65-06/01/98	94	1884.5	1931.394	2980.	1150.	153528.349	391.827	1345.	1702.25	2196.25	2520.
00300	OXYGEN, DISSOLVED MG/L	01/17/67-07/15/91	380	9.9	9.553	12.7	0.	3.744	1.935	7.6	8.4	11.	11.5
00400p	PH (STANDARD UNITS)	11/16/65-06/01/98	113	8.3	8.226	8.6	6.9	0.056	0.237	8.	8.1	8.4	8.5
00400p	CONVERTED PH (STANDARD UNITS)	11/16/65-06/01/98	113	8.3	8.12	8.6	6.9	0.067	0.259	8.	8.1	8.4	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/65-06/01/98	113	0.005	0.008	0.126	0.003	0.	0.012	0.003	0.004	0.008	0.01
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	93	177.	175.548	197.	137.	158.424	12.587	158.4	170.	181.5	191.6
00415p	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/16/65-06/01/98	90 ##	0.	1.056	6.	0.	2.974	1.725	0.	0.	2.	4.
00440p	BICARBONATE ION (MG/L AS HCO3)	11/16/65-05/05/98	93	211.	210.914	240.	166.	230.406	15.179	187.4	205.	221.	229.
00445p	CARBONATE ION (MG/L AS CO3)	11/16/65-05/05/98	89 ##	0.	1.36	12.	0.	7.074	2.66	0.	0.	2.	5.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/65-01/20/98	84	1099.	1079.155	1415.	670.	28151.891	167.785	750.	983.75	1175.25	1277.5
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/14/91-01/20/98	13 ##	0.005	0.01	0.04	0.005	0.	0.011	0.005	0.005	0.013	0.032
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/65-05/05/98	92	258.	254.207	304.	181.	706.847	26.587	205.6	244.25	272.75	281.7
00916p	CALCIUM, TOTAL (MG/L AS CA)	11/16/65-05/05/98	93	60.	60.355	83.	46.	34.427	5.867	51.8	58.	64.	67.6
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	11/16/65-05/05/98	93	26.	25.151	38.	14.	21.651	4.653	17.4	23.	28.	30.6

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00929p	SODIUM, TOTAL (MG/L AS NA)	11/16/65-06/01/98	100	250.	258.77	407.	139.	3716.947	60.967	163.	222.5	300.75	346.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	11/16/65-06/01/98	116	270.5	283.681	473.	157.	4519.002	67.224	215.	241.	327.	385.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	11/16/65-06/01/98	97	250.	249.753	350.	135.	2277.23	47.72	179.2	224.5	286.	310.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/65-05/05/98	84	0.9	0.877	1.9	0.3	0.049	0.221	0.7	0.8	1.	1.2
01045	IRON, TOTAL (UG/L AS FE)	11/16/65-07/19/93	47	40.	50.723	380.	10.	3584.596	59.871	10.	20.	60.	84.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/16/65-07/19/93	47 ##	25.	19.283	35.	1.3	64.142	8.009	10.	10.	25.	25.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	140	3.	4.757	69.	0.	83.811	9.155	0.	0.	5.75	12.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	140	0.477	0.42	1.839	0.	0.202	0.449	0.	0.	0.758	1.079
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.631								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	129	0.	0.69	9.	0.	2.434	1.56	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	129	0.	0.102	0.954	0.	0.047	0.217	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.264								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	107	0.	1.121	18.	0.	6.881	2.623	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	107	0.	0.143	1.255	0.	0.079	0.282	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.391								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/16/65-10/01/90	72 ##	0.2	0.249	1.1	0.005	0.058	0.241	0.02	0.2	0.2	0.6
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	02/11/71-01/20/98	51	88.7	87.884	101.6	66.8	59.005	7.681	77.66	82.4	93.3	96.98

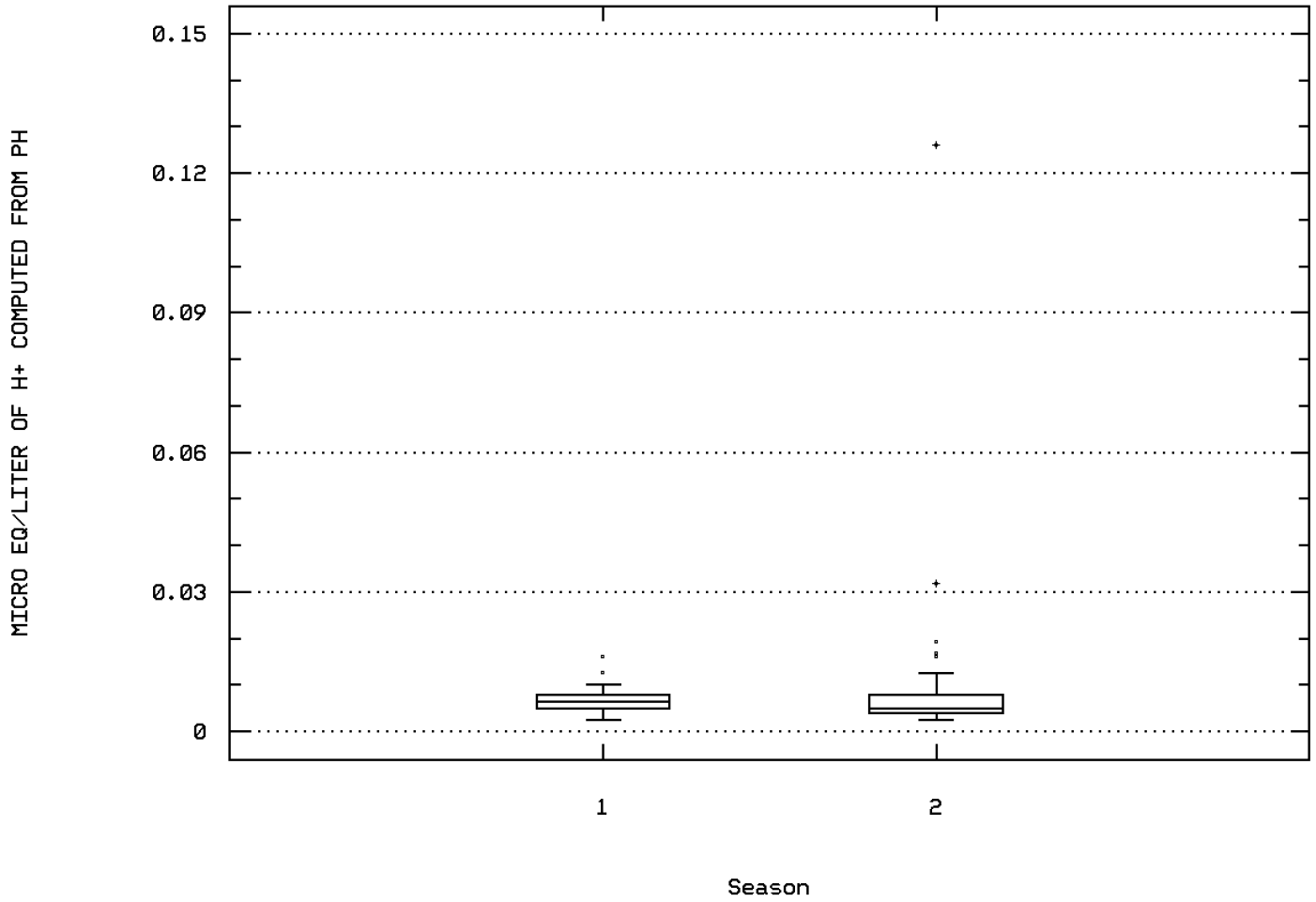
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00400

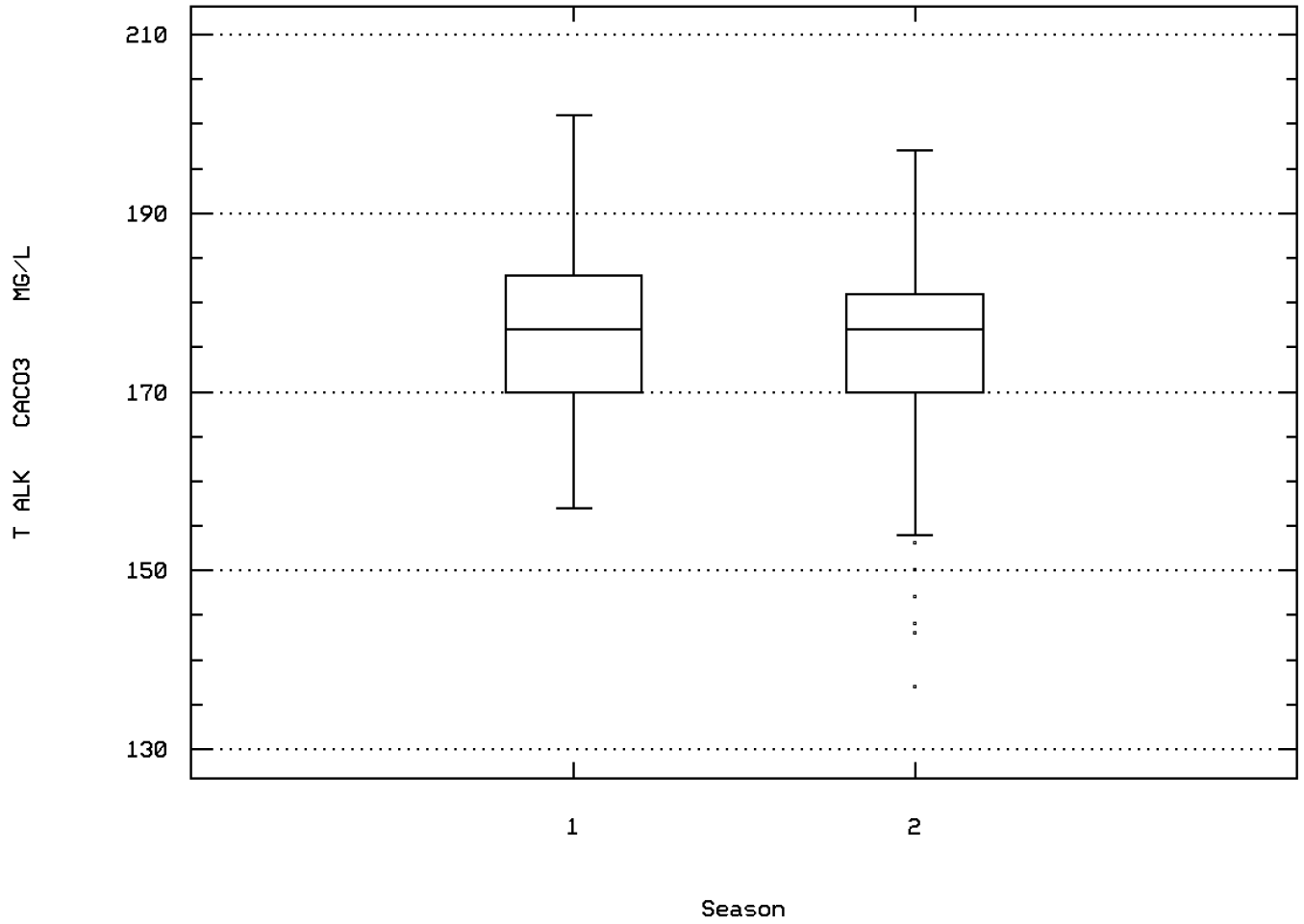
MICRO EQ/LITER OF H+ COMPUTED FROM PH



LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00410

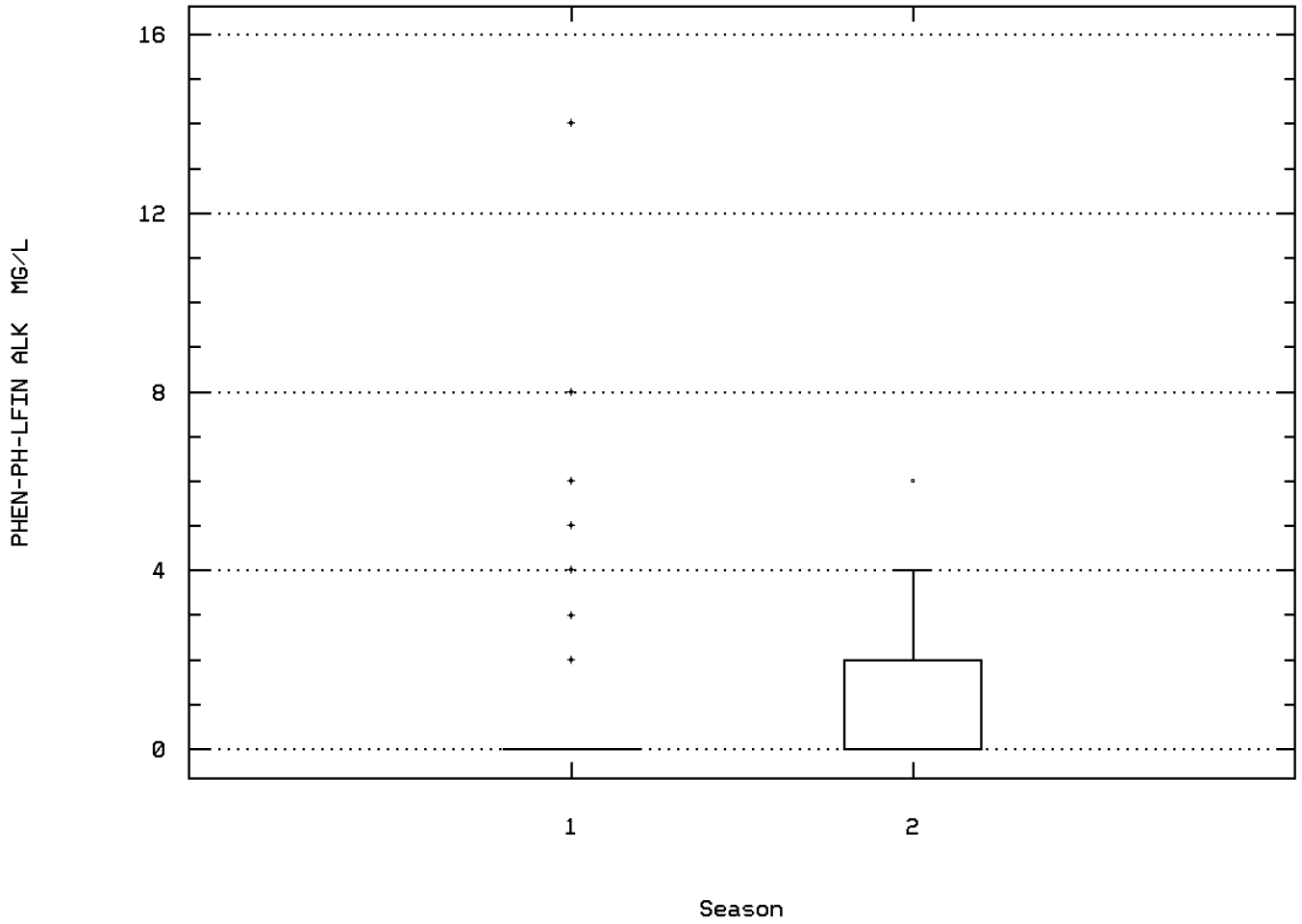
ALKALINITY, TOTAL (MG/L AS CACO3)



LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00415

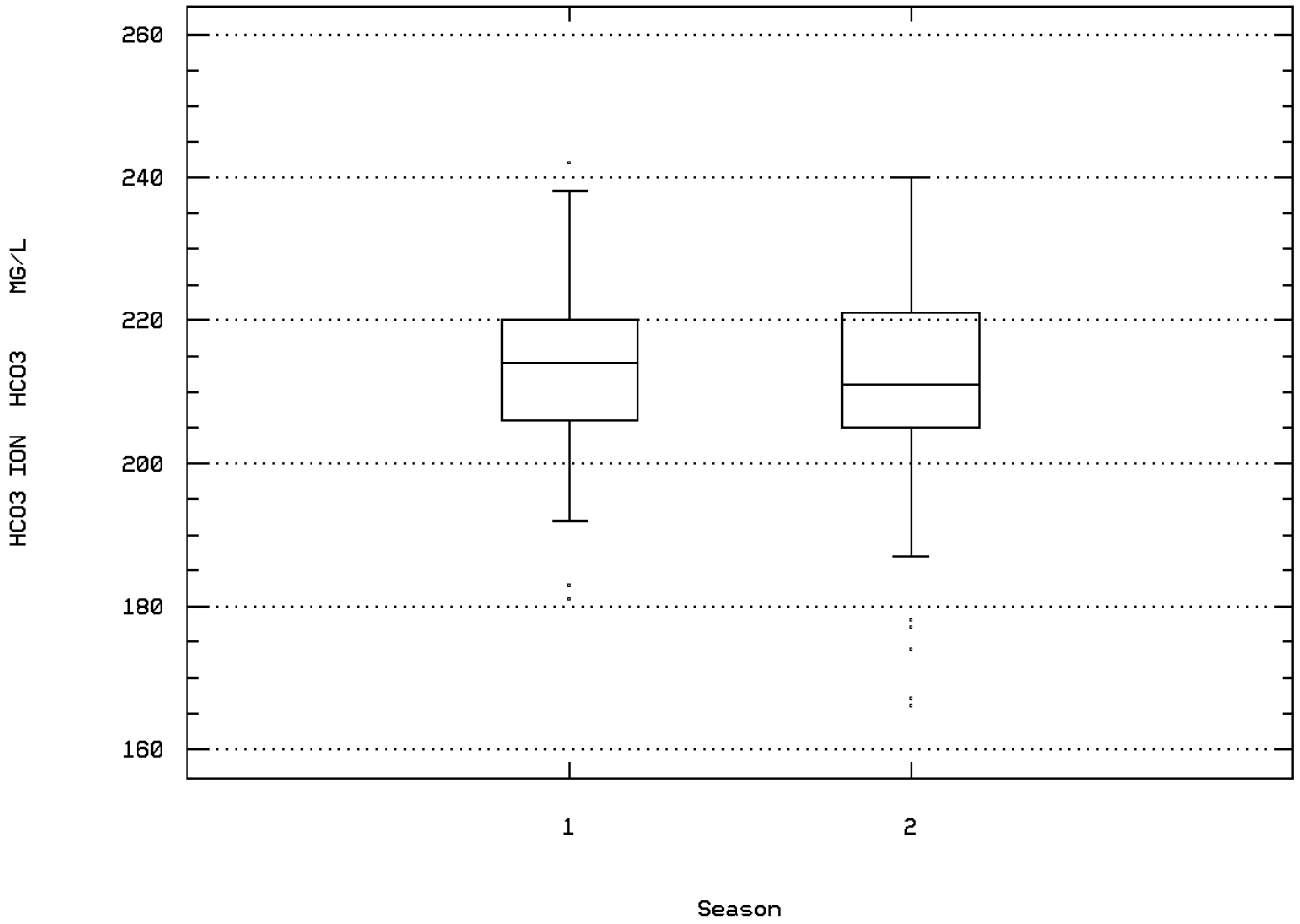
ALKALINITY, PHENOLPHTHALEIN (MG/L)



LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00440

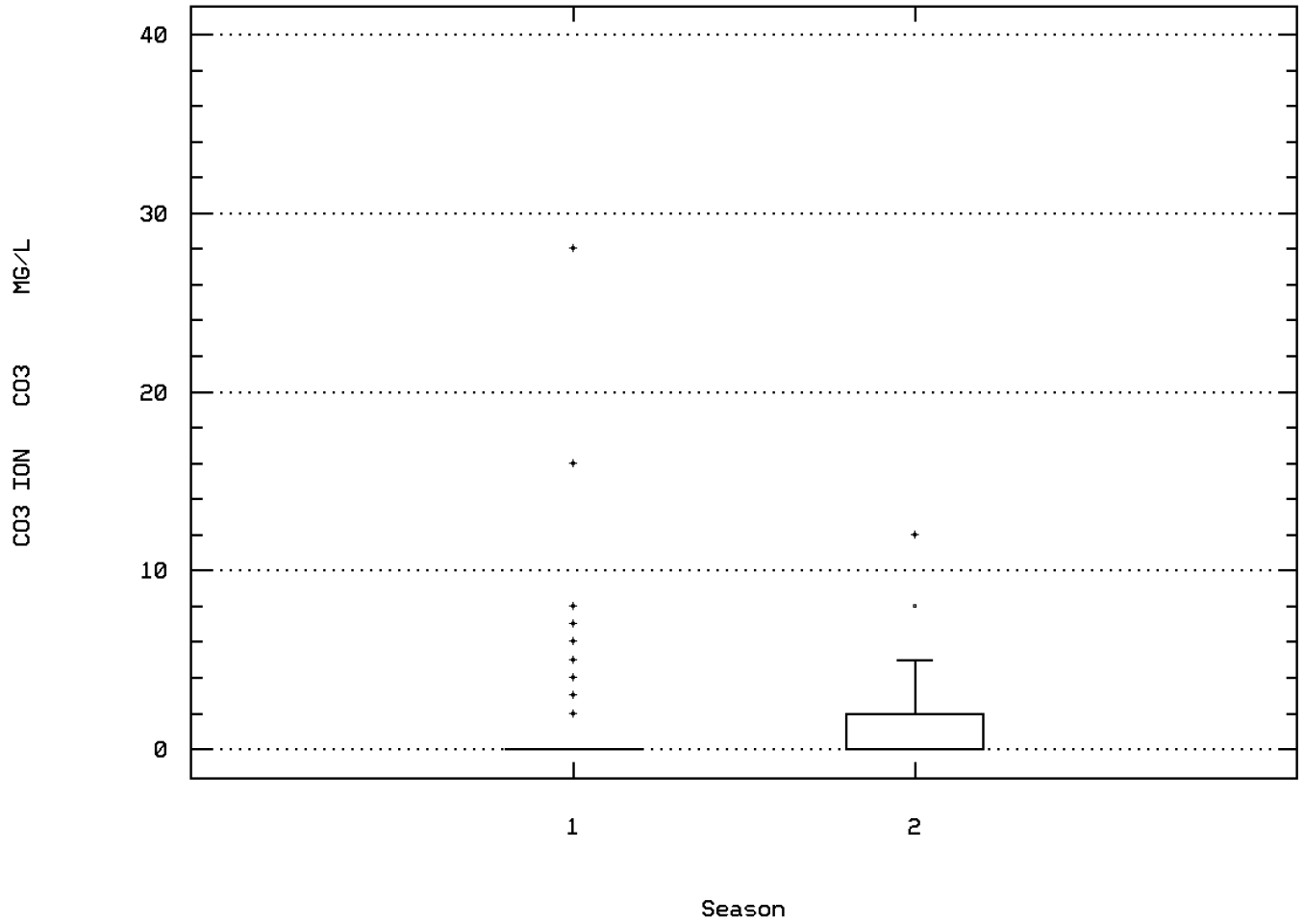
BICARBONATE ION (MG/L AS HCO3)



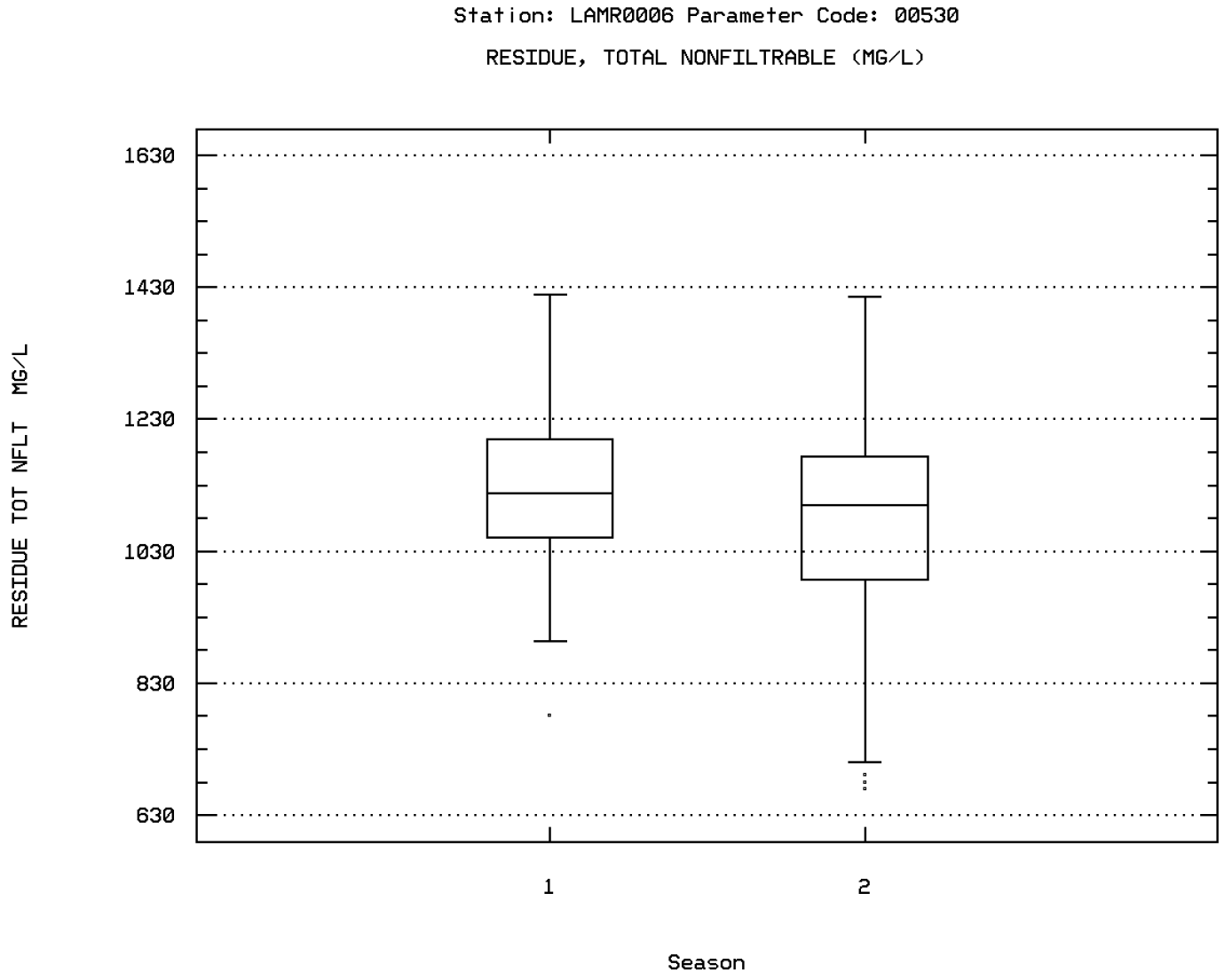
LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00445

CARBONATE ION (MG/L AS CO3)



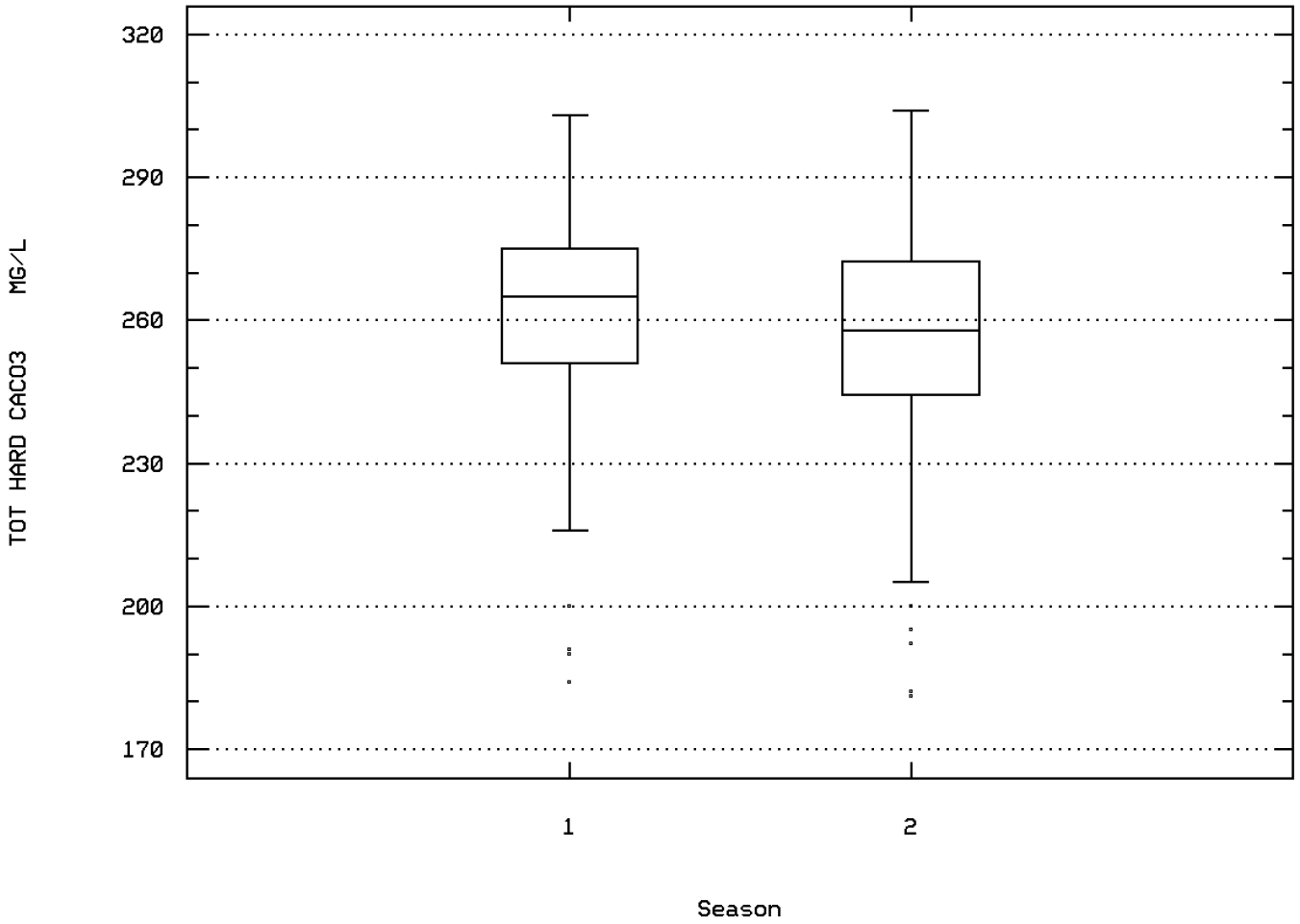
LAKE MEREDITH-INTAKE STRUCTURE



LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00900

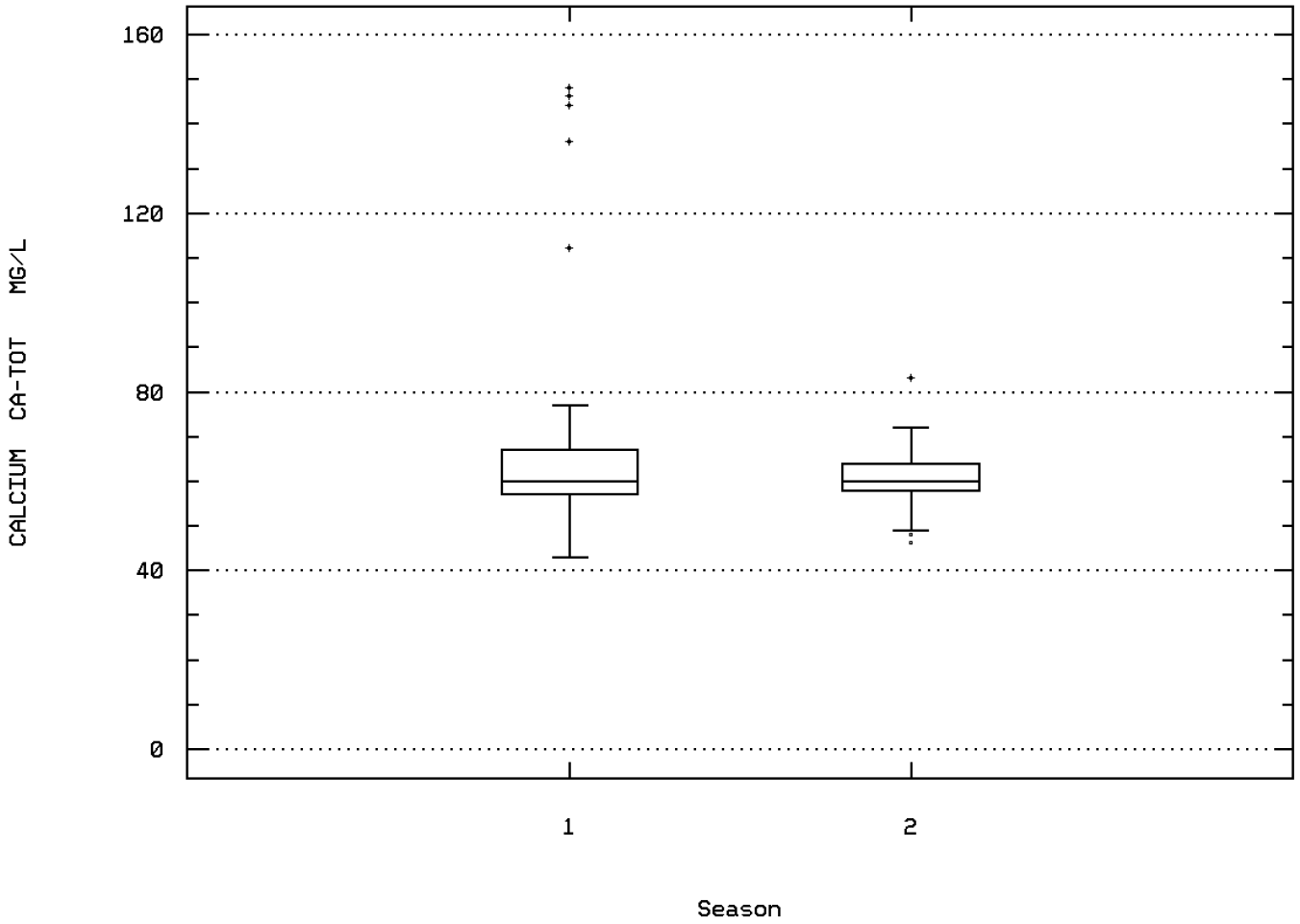
HARDNESS, TOTAL (MG/L AS CACO3)



LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00916

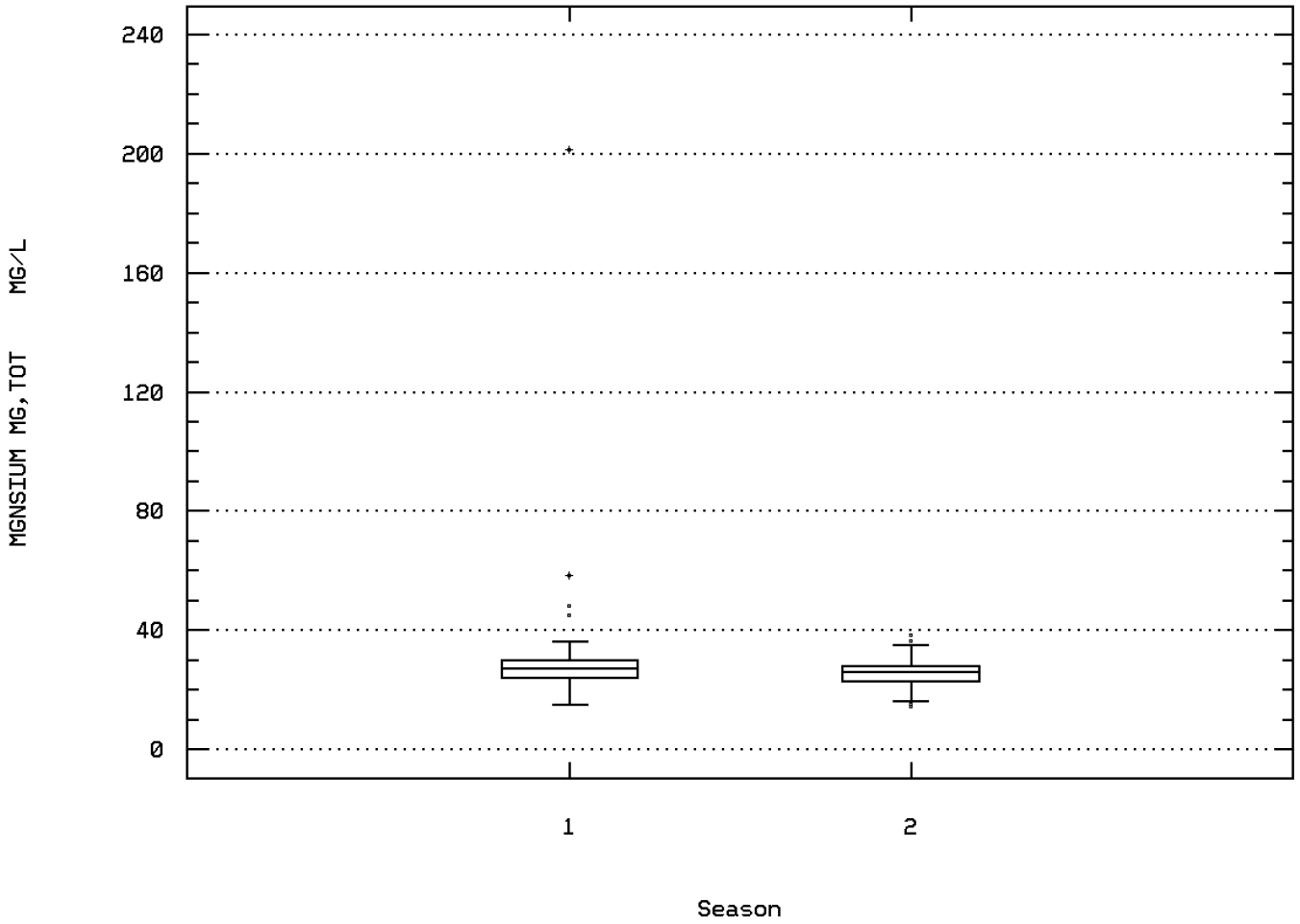
CALCIUM, TOTAL (MG/L AS CA)



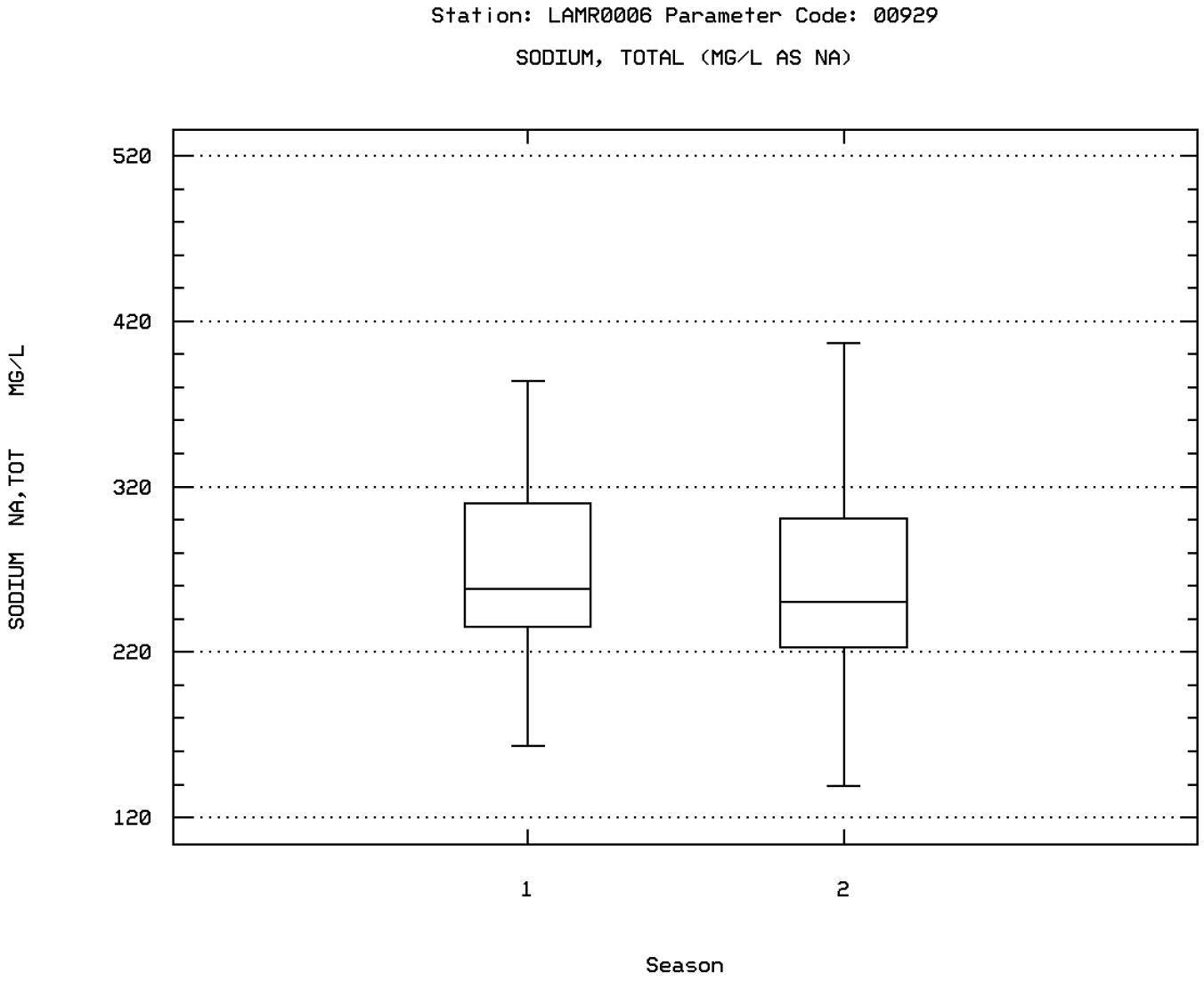
LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00927

MAGNESIUM, TOTAL (MG/L AS MG)



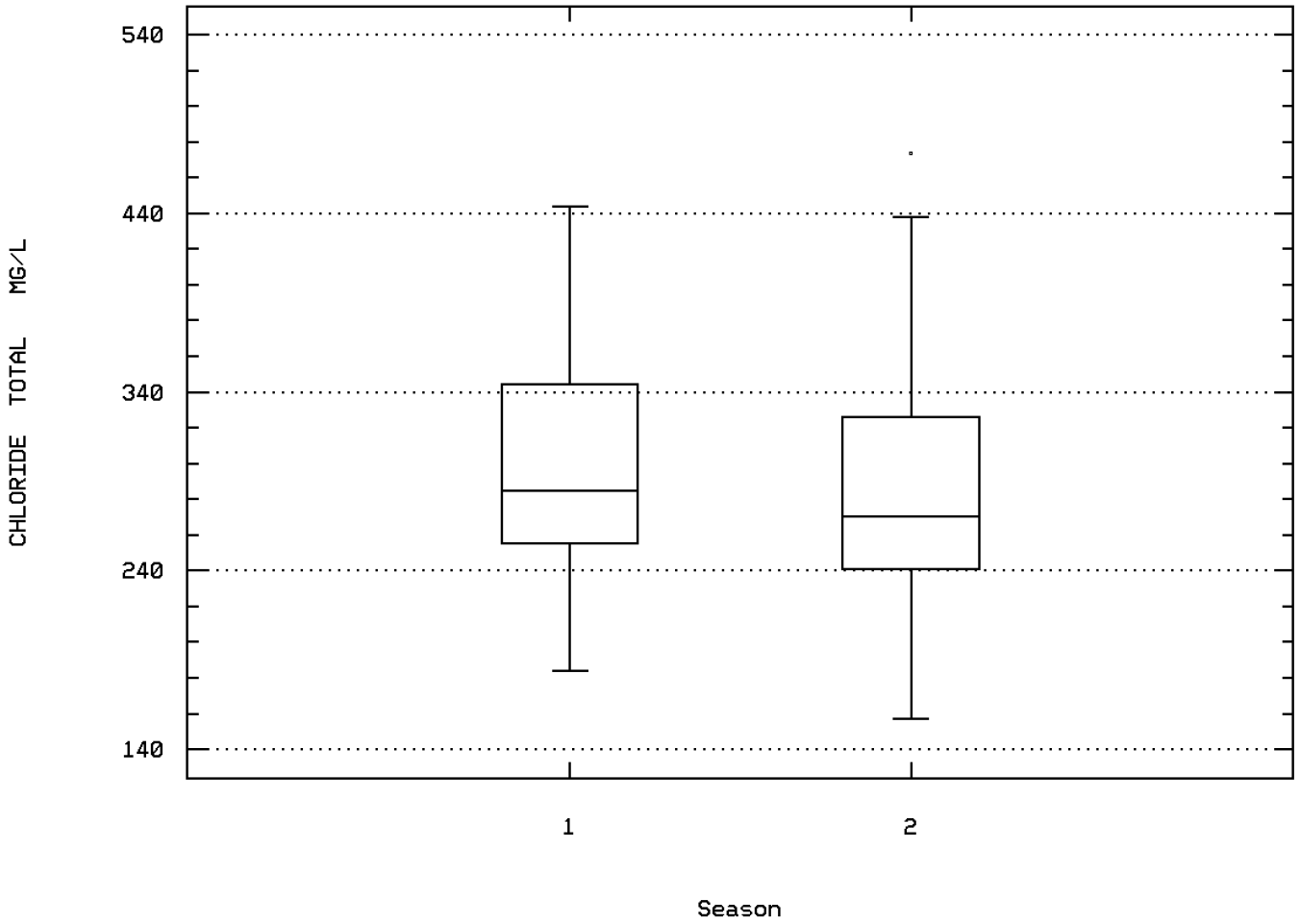
LAKE MEREDITH-INTAKE STRUCTURE



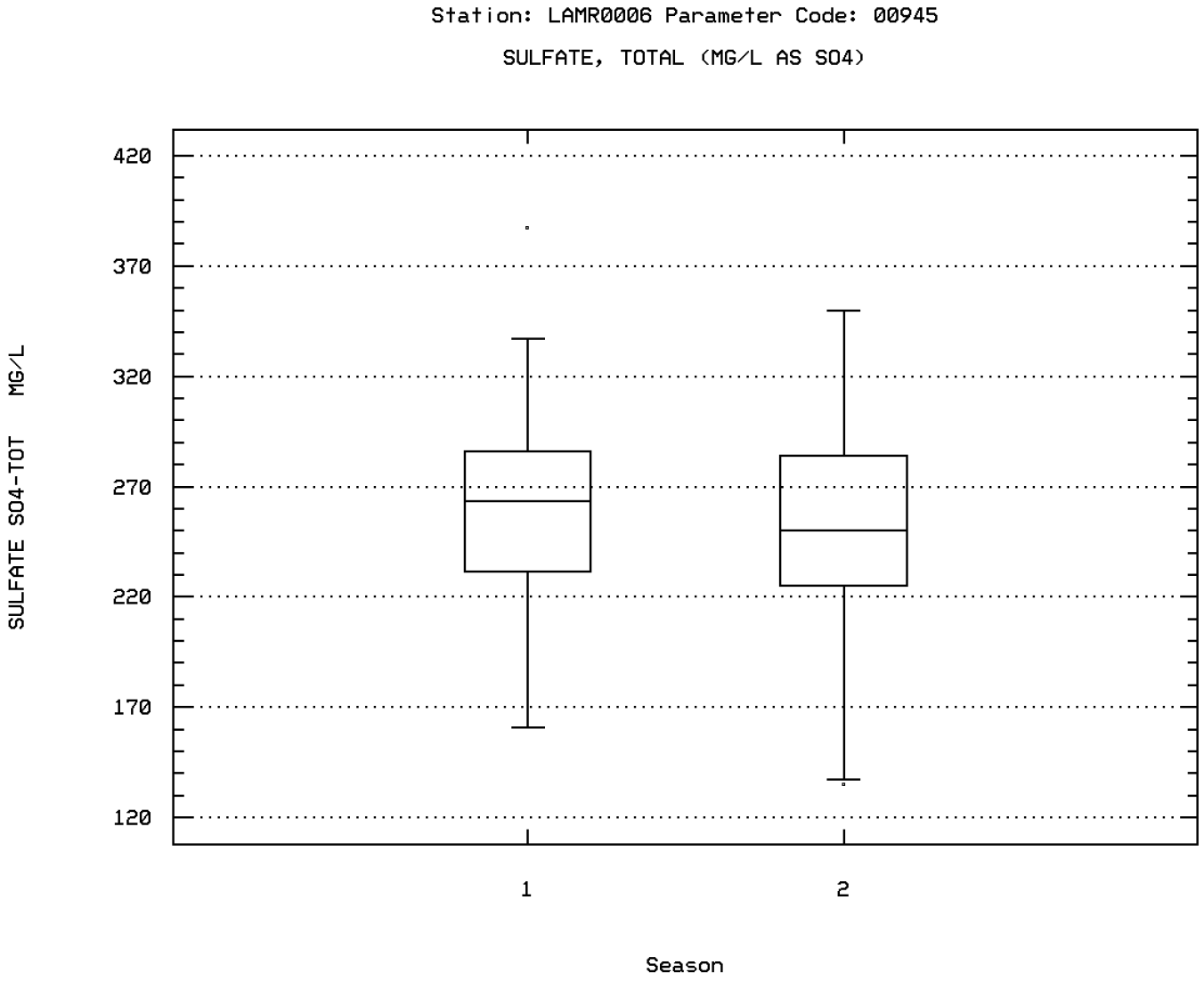
LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



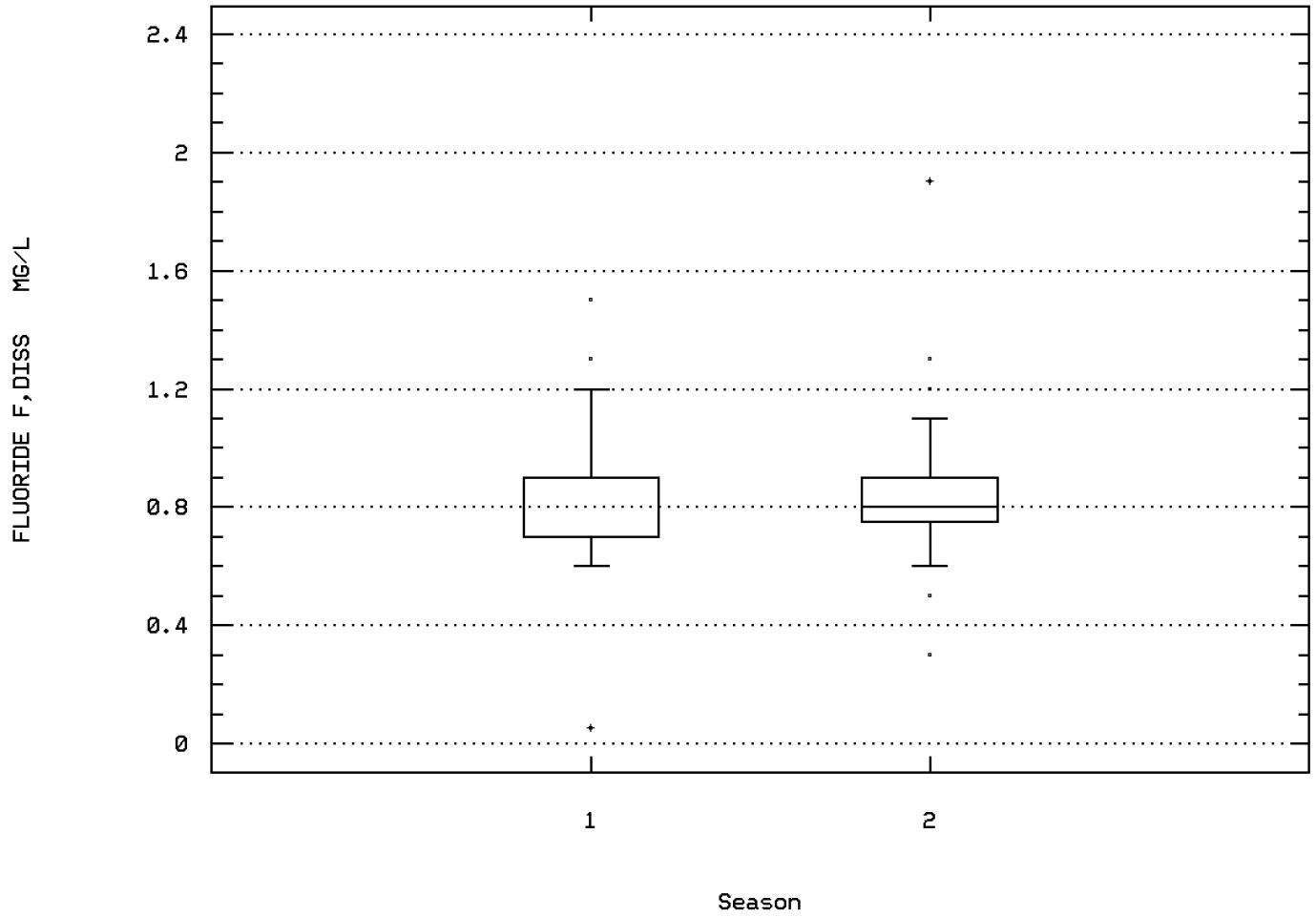
LAKE MEREDITH-INTAKE STRUCTURE



LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 00950

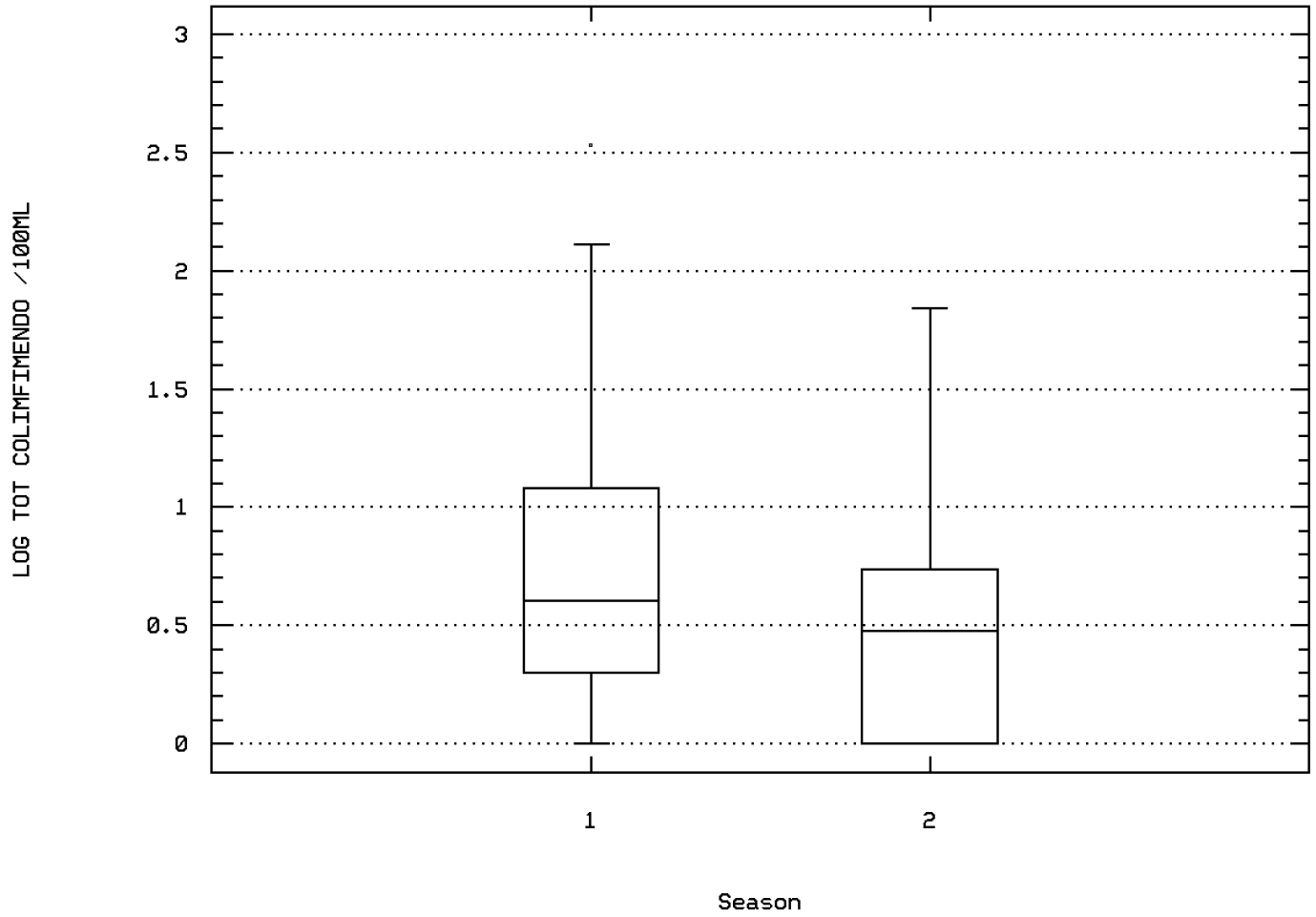
FLUORIDE, DISSOLVED (MG/L AS F)



LAKE MEREDITH-INTAKE STRUCTURE

Station: LAMR0006 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-INTAKE STRUCTURE

Station Inventory for Station: LAMR0007

NPS Station ID: LAMR0007 | LAT/LON: 35.717920/-101.550560 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: STILLING BASIN-SOUTH | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_14
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090106 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2820 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090106 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE STILLING BASIN IN THE SPRING CANYON SWIMMING AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/13/68-12/13/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	229	32.	247.463	4080.	0.	314821.188	561.089	2.	6.	240.	620.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	229	1.505	1.552	3.611	0.	0.916	0.957	0.301	0.778	2.38	2.792
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35.645								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	230	8.5	139.852	4000.	0.	166242.38	407.728	0.	0.	77.	379.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	230	0.929	1.081	3.602	0.	1.002	1.001	0.	0.	1.886	2.579
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.059								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/27/71-07/11/76	13	12.	27.692	90.	0.	1030.231	32.097	0.	2.	63.	82.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/27/71-07/11/76	13	1.079	1.008	1.954	0.	0.558	0.747	0.	0.239	1.799	1.911
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			10.18								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: LAMR0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	229	15	0.07	229	15	0.07									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	230	42	0.18	230	42	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 1971 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	2	15.5	15.5	18.	13.	12.5	3.536	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	2	1.185	1.185	1.255	1.114	0.01	0.1	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.297								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

Annual Analysis for 1974 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	4	105.	204.75	600.	9.	75230.25	274.281	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	4	1.866	1.866	2.778	0.954	0.655	0.81	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			73.485								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	3	15.	25.	60.	0.	975.	31.225	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	3	1.176	0.985	1.778	0.	0.818	0.904	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.655								

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

Annual Analysis for 1975 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	19	10.	141.895	960.	0.	86907.433	294.801	0.	3.	22.	740.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	19	1.	1.187	2.982	0.	0.866	0.931	0.	0.477	1.342	2.869
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.393								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	19	12.	197.789	1400.	0.	156822.175	396.008	0.	1.	60.	860.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	19	1.079	1.14	3.146	0.	1.255	1.12	0.	0.	1.778	2.934
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.791								

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

Annual Analysis for 1976 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	7	100.	103.143	360.	0.	16168.81	127.157	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	7	2.	1.44	2.556	0.	0.964	0.982	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27.527								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	7	7.	25.857	100.	0.	1594.143	39.927	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	7	0.845	0.807	2.	0.	0.736	0.858	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.417								

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

Annual Analysis for 1979 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	65	34.	135.785	1920.	0.	85406.515	292.244	0.	7.	157.	272.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	65	1.531	1.465	3.283	0.	0.768	0.876	0.	0.841	2.193	2.436
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.183								

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

Annual Analysis for 1979 - Station LAMR0007

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	06/27/71-07/18/89	65	8.	46.646	702.	0.	15973.013	126.384	0.	2.	24.	118.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	65	0.903	0.92	2.846	0.	0.601	0.776	0.	0.301	1.38	2.073
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.319								

** - 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

Annual Analysis for 1980 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	15	20.	57.867	284.	0.	6511.124	80.692	1.2	8.	78.	228.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	15	1.301	1.346	2.453	0.	0.482	0.694	0.181	0.903	1.892	2.351
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.166								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	15	4.	14.933	68.	0.	493.638	22.218	0.	0.	32.	59.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	15	0.602	0.678	1.833	0.	0.511	0.715	0.	0.	1.505	1.772
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.761								

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

Annual Analysis for 1981 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	21	8.	24.19	78.	0.	742.362	27.246	0.4	3.	45.	71.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	21	0.903	1.012	1.892	0.	0.42	0.648	0.06	0.452	1.648	1.855
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.277								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	21	2.	4.286	28.	0.	63.314	7.957	0.	0.	3.	21.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	21	0.301	0.35	1.447	0.	0.213	0.461	0.	0.	0.452	1.325
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.24								

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

Annual Analysis for 1982 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	27	12.	112.111	683.	2.	32341.487	179.837	2.	6.	183.	465.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	27	1.079	1.386	2.834	0.301	0.716	0.846	0.301	0.778	2.262	2.667
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.339								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	29	3.	41.931	372.	0.	7411.995	86.093	0.	0.	37.	130.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	29	0.477	0.828	2.571	0.	0.802	0.895	0.	0.	1.564	2.114
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.725								

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

Annual Analysis for 1983 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	27	20.	596.519	4080.	0.	1262917.105	1123.796	0.	2.	880.	2224.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	27	1.301	1.609	3.611	0.	1.564	1.251	0.	0.301	2.944	3.323
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			40.665								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	27	2.	314.593	4000.	0.	645041.481	803.145	0.	0.	200.	904.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	27	0.301	1.218	3.602	0.	1.522	1.234	0.	0.	2.301	2.943
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.509								

** - Less than 9 observations ## - Computed 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 LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	30	370.	635.6	2940.	6.	619680.938	787.198	8.	220.	635.	2003.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	30	2.568	2.376	3.468	0.778	0.636	0.797	0.903	2.342	2.802	3.302
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			237.809								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	30	210.	384.067	2760.	2.	387019.168	622.109	4.	70.	320.	1314.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	30	2.318	2.077	3.441	0.301	0.711	0.843	0.602	1.828	2.503	3.112
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			119.264								

** - Less than 9 observations ## - Computed 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 LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	12	246.	333.167	1120.	2.	128319.606	358.217	3.2	20.5	560.	1000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	12	2.375	2.008	3.049	0.301	0.835	0.914	0.444	1.303	2.748	2.992
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			101.974								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	12	170.	297.833	1080.	2.	126657.788	355.89	2.6	8.	565.5	978.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	12	2.19	1.828	3.033	0.301	1.015	1.007	0.391	0.903	2.75	2.984
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			67.35								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/27/71-07/18/89	229	32.	247.463	4080.	0.	314821.188	561.089	2.	6.	240.	620.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/27/71-07/18/89	229	1.505	1.552	3.611	0.	0.916	0.957	0.301	0.778	2.38	2.792
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35.645								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	230	8.5	139.852	4000.	0.	166242.38	407.728	0.	0.	77.	379.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/71-07/18/89	230	0.929	1.081	3.602	0.	1.002	1.001	0.	0.	1.886	2.579
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.059								

** - Less than 9 observations ## - Computed 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: LAMR0008

NPS Station ID: LAMR0008 | LAT/LON: 35.710004/-101.551003 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: LAKE MEREDITH-SOUTH CANYON | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_TPWD_06
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 2915 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE SOUTH CANYON AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	51	17.	17.18	24.4	4.4	21.962	4.686	11.2	14.	21.	23.74
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	49	21.	19.38	31.7	2.2	44.07	6.639	10.	15.	24.	26.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	42	0.69	0.891	3.05	0.22	0.289	0.538	0.46	0.56	1.095	1.646
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	23	1850.	1901.087	2500.	1500.	55368.083	235.304	1600.	1700.	2050.	2220.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	47	8.2	8.494	11.	6.4	1.122	1.059	7.36	7.9	9.	10.24

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

EPA Water Quality Criteria Analysis for Station: LAMR0008

				Total	Exceed	Prop.	----------4/15-10/31----------			----------11/01-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	47	0	0.00	43	0	0.00	4	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	47	18.	17.847	24.4	10.	16.55	4.068	12.	15.	22.	23.84
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	45	22.	20.409	31.7	6.	31.929	5.651	12.2	16.	24.2	26.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	38	0.69	0.883	3.05	0.38	0.279	0.528	0.46	0.56	1.013	1.538
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	22	1925.	1919.318	2500.	1600.	49995.942	223.598	1622.5	1775.	2050.	2240.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	43	8.2	8.472	11.	6.4	1.159	1.076	7.28	7.8	9.	10.32

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	4	9.5	9.35	14.	4.4	23.557	4.854	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	4	6.5	7.8	16.	2.2	42.16	6.493	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	4	0.92	0.973	1.83	0.22	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	4	8.45	8.725	10.	8.	0.903	0.95	**	**	**	**

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

Station Inventory for Station: LAMR0009

NPS Station ID: LAMR0009
LAT/LON: 35.710559/-101.550837
Agency: 112WRD
Date Created: / /
Location: LAKE MEREDITH NR SANFORD, TX
FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 07227900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: LAMR0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/75-08/24/76	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/17/65-01/03/84	35	15.	14.643	28.	3.	64.663	8.041	5.	6.	21.5	24.7
00065	STAGE, STREAM (FEET)	01/03/84-01/03/84	1	89.39	89.39	89.39	89.39	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/22/75-09/09/75	3	2.8	2.863	3.66	2.13	0.588	0.767	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/14/73-10/18/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/17/65-01/03/84	39	1680.	1739.231	3010.	1090.	119928.34	346.307	1410.	1560.	1880.	2000.
00300	OXYGEN, DISSOLVED MG/L	01/22/75-08/24/76	5	9.9	9.72	11.6	7.3	2.872	1.695	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/22/75-08/24/76	5	92.	91.8	97.	85.	21.7	4.658	**	**	**	**
00400	PH (STANDARD UNITS)	11/17/65-01/14/77	31	7.9	7.926	8.7	7.2	0.129	0.359	7.52	7.7	8.2	8.48
00400	CONVERTED PH (STANDARD UNITS)	11/17/65-01/14/77	31	7.9	7.788	8.7	7.2	0.148	0.385	7.52	7.7	8.2	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/17/65-01/14/77	31	0.013	0.016	0.063	0.002	0.	0.015	0.003	0.006	0.02	0.03
00403	PH, LAB, STANDARD UNITS SU	02/13/81-01/03/84	4	8.3	8.375	8.7	8.2	0.056	0.236	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/13/81-01/03/84	4	8.289	8.333	8.7	8.2	0.058	0.241	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/81-01/03/84	4	0.005	0.005	0.006	0.002	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/24/72-01/14/77	16	2.4	2.9	7.	0.7	3.403	1.845	0.98	1.45	4.075	6.51
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/65-01/03/84	38	172.	171.579	197.	139.	135.061	11.622	156.	165.5	178.25	185.
00440	BICARBONATE ION (MG/L AS HCO3)	11/17/65-02/04/80	34	208.	207.706	240.	169.	207.365	14.4	190.	201.5	214.	230.
00445	CARBONATE ION (MG/L AS CO3)	11/17/65-02/04/80	34	0.	0.588	8.	0.	3.037	1.743	0.	0.	0.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/22/75-08/24/76	6 ##	0.005	0.008	0.02	0.005	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/30/69-10/18/73	14	0.075	0.094	0.3	0.	0.009	0.097	0.	0.	0.2	0.25
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/22/75-08/24/76	6 ##	0.04	0.033	0.05	0.01	0.	0.02	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/17/65-11/17/65	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/30/69-08/24/76	7	0.01	0.012	0.03	0.	0.	0.01	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/65-01/07/83	37	260.	251.568	337.	188.	731.752	27.051	216.	235.	267.5	280.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/17/65-01/07/83	37	83.	294.919	8000.	33.	1695592.799	1302.149	54.6	66.5	92.5	98.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/65-01/03/84	38	58.	57.895	70.	44.	37.34	6.111	48.	54.75	61.25	66.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/65-01/03/84	38	26.	26.	42.	17.	19.892	4.46	20.9	23.	28.25	30.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/65-01/03/84	35	260.	265.743	549.	152.	4174.314	64.609	202.	237.	290.	312.
00931	SODIUM ADSORPTION RATIO	11/17/65-01/07/83	38	7.4	7.334	13.	4.8	1.964	1.401	5.5	6.575	7.9	8.56
00932	SODIUM, PERCENT	11/17/65-01/07/83	34	68.5	68.235	78.	60.	13.094	3.619	63.	66.	70.	73.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/26/72-12/29/78	5	270.	276.	310.	250.	780.	27.928	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/65-01/03/84	33	6.6	6.736	8.8	4.3	1.101	1.049	5.48	5.95	7.8	8.1
00940	CHLORIDE,TOTAL IN WATER MG/L	11/17/65-01/03/84	40	280.	290.225	602.	158.	6188.487	78.667	220.5	256.	310.	349.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/65-01/03/84	38	257.	258.868	518.	145.	3337.577	57.772	197.2	229.5	280.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/65-01/03/84	35	0.8	0.809	1.	0.6	0.01	0.101	0.66	0.8	0.9	0.94
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/65-01/03/84	38	2.9	3.871	18.	0.4	11.782	3.432	0.79	1.825	5.225	7.06
01020	BORON, DISSOLVED (UG/L AS B)	11/17/65-01/04/74	9	250.	229.667	290.	17.	6833.5	82.665	17.	230.	275.	290.
01046	IRON, DISSOLVED (UG/L AS FE)	12/30/69-08/24/76	8 ##	5.	9.375	30.	0.	103.125	10.155	**	**	**	**

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

Parameter Inventory for Station: LAMR0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	11/17/65-11/17/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/30/69-08/24/76	7 ##	5.	10.714	50.	0.	303.571	17.423	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/17/65-11/17/65	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/17/65-08/24/67	4	764.	747.75	842.	621.	10734.917	103.609	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/06/67-01/07/83	34	1020.	1039.941	1880.	821.	31235.451	176.736	884.5	942.	1092.5	1155.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/65-01/07/83	38	1.355	1.373	2.56	0.84	0.069	0.262	1.12	1.253	1.473	1.562
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/17/65-04/11/69	7	0.5	1.229	2.9	0.2	1.419	1.191	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	11/17/65-11/17/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	11/17/65-11/17/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/13/81-02/13/81	1	4.9	4.9	4.9	4.9	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: LAMR0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a 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	Fresh Chronic	9.	31	0	0.00	19	0	0.00	12	0	0.00						
		Other-Lo Lim.	6.5	31	0	0.00	19	0	0.00	12	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00				4	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	10	0	0.00	4	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	4	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	40	0	0.00	19	0	0.00	21	0	0.00						
		Drinking Water	250.	40	33	0.83	19	17	0.89	21	16	0.76						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	38	24	0.63	19	13	0.68	19	11	0.58						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	35	0	0.00	17	0	0.00	18	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	3	0	0.00	4	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00				1	0	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: 4/15 to 10/31 - Station LAMR0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/17/65-01/03/84	18	21.3	21.078	28.	13.	19.729	4.442	13.9	17.75	24.5	27.82
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/17/65-01/03/84	19	1680.	1754.737	3010.	1250.	124937.427	353.465	1370.	1600.	1840.	2000.
00400	PH (STANDARD UNITS)	11/17/65-01/14/77	19	7.9	7.911	8.5	7.2	0.117	0.341	7.5	7.7	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	11/17/65-01/14/77	19	7.9	7.787	8.5	7.2	0.133	0.364	7.5	7.7	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/17/65-01/14/77	19	0.013	0.016	0.063	0.003	0.	0.014	0.003	0.006	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/65-01/03/84	19	172.	170.474	184.	139.	96.263	9.811	162.	166.	176.	181.
00440	BICARBONATE ION (MG/L AS HCO3)	11/17/65-02/04/80	19	208.	206.421	224.	169.	133.368	11.549	198.	202.	212.	219.
00445	CARBONATE ION (MG/L AS CO3)	11/17/65-02/04/80	19	0.	0.632	8.	0.	4.023	2.006	0.	0.	0.	4.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/65-01/07/83	19	252.	257.	337.	228.	593.889	24.37	228.	242.	270.	280.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/17/65-01/07/83	19	84.	86.895	198.	58.	879.988	29.665	61.	68.	95.	98.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/65-01/03/84	19	59.	59.158	66.	50.	13.585	3.686	54.	57.	61.	64.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/65-01/03/84	19	26.	26.632	42.	19.	22.69	4.763	21.	24.	28.	30.
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/65-01/03/84	17	260.	271.235	549.	165.	6389.691	79.936	192.2	237.	285.	349.8
00931	SODIUM ADSORPTION RATIO	11/17/65-01/07/83	19	7.3	7.311	13.	4.8	2.568	1.602	5.5	6.6	7.7	8.
00932	SODIUM, PERCENT	11/17/65-01/07/83	17	68.	67.941	78.	60.	13.434	3.665	62.4	66.5	69.5	71.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/65-01/03/84	16	6.55	6.719	8.1	5.1	0.774	0.88	5.66	6.1	7.725	7.96
00940	CHLORIDE,TOTAL IN WATER MG/L	11/17/65-01/03/84	19	280.	291.211	602.	180.	7117.287	84.364	212.	259.	310.	340.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/65-01/03/84	19	260.	269.316	518.	172.	4825.339	69.465	198.	246.	280.	310.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/65-01/03/84	17	0.8	0.782	0.9	0.6	0.01	0.101	0.6	0.75	0.85	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/65-01/03/84	19	2.4	3.347	18.	0.4	15.176	3.896	0.8	1.6	3.3	7.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/06/67-01/07/83	17	1010.	1061.294	1880.	872.	50583.346	224.907	916.	948.	1085.	1296.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/65-01/07/83	19	1.36	1.401	2.56	0.96	0.1	0.317	1.12	1.27	1.46	1.56

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/17/65-01/03/84	17	6.	7.829	21.1	3.	20.538	4.532	4.6	5.	9.5	16.22
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/17/65-01/03/84	20	1660.	1724.5	2810.	1090.	121026.053	347.888	1412.	1485.	1887.5	2117.
00400	PH (STANDARD UNITS)	11/17/65-01/14/77	12	7.85	7.95	8.7	7.2	0.159	0.399	7.35	7.7	8.275	8.61
00400	CONVERTED PH (STANDARD UNITS)	11/17/65-01/14/77	12	7.847	7.79	8.7	7.2	0.187	0.432	7.35	7.7	8.275	8.61
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/17/65-01/14/77	12	0.014	0.016	0.063	0.002	0.	0.016	0.003	0.005	0.02	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/65-01/03/84	19	172.	172.684	197.	149.	178.784	13.371	156.	160.	180.	194.
00440	BICARBONATE ION (MG/L AS HCO3)	11/17/65-02/04/80	15	208.	209.333	240.	182.	312.238	17.67	186.8	191.	218.	237.6
00445	CARBONATE ION (MG/L AS CO3)	11/17/65-02/04/80	15	0.	0.533	4.	0.	1.981	1.407	0.	0.	0.	4.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/65-01/07/83	18	260.	245.833	290.	188.	852.971	29.206	198.8	227.5	266.25	281.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/17/65-01/07/83	18	81.	514.5	8000.	33.	3490318.147	1868.239	38.4	65.	92.25	888.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/65-01/03/84	19	57.	56.632	70.	44.	59.801	7.733	46.	49.	63.	70.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/65-01/03/84	19	24.	25.368	33.	17.	17.357	4.166	20.	23.	29.	31.
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/65-01/03/84	18	255.	260.556	350.	152.	2276.144	47.709	198.8	224.5	292.5	332.
00931	SODIUM ADSORPTION RATIO	11/17/65-01/07/83	19	7.4	7.358	9.3	4.8	1.468	1.212	5.5	6.3	8.4	9.1
00932	SODIUM, PERCENT	11/17/65-01/07/83	17	69.	68.529	74.	62.	13.39	3.659	62.8	65.5	71.5	73.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/65-01/03/84	17	6.6	6.753	8.8	4.3	1.475	1.215	5.18	5.8	7.9	8.32
00940	CHLORIDE,TOTAL IN WATER MG/L	11/17/65-01/03/84	21	280.	289.333	530.	158.	5660.233	75.235	221.	240.5	320.	382.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/65-01/03/84	19	250.	248.421	300.	145.	1804.813	42.483	190.	220.	280.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/65-01/03/84	18	0.8	0.833	1.	0.7	0.009	0.097	0.7	0.8	0.9	1.
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/65-01/03/84	19	4.6	4.395	13.	0.6	8.463	2.909	0.7	2.	5.6	7.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/06/67-01/07/83	17	1050.	1018.588	1250.	821.	12870.882	113.45	864.2	924.	1095.	1178.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/65-01/07/83	19	1.35	1.344	1.7	0.84	0.039	0.197	1.12	1.22	1.48	1.58

** - Less than 9 observations ## - Computed 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: LAMR0010

NPS Station ID: LAMR0010 | LAT/LON: 35.703892/-101.551366 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: HEADQUARTERS | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_11
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 3020 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE RECREATION AREA HEADQUARTERS OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/75-04/15/91	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/75-04/15/91	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/75-04/15/91	5	0.	0.6	3.	0.	1.8	1.342	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/75-04/15/91	5	0.	0.095	0.477	0.	0.046	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.246								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	02/11/91-04/15/91	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	02/11/91-04/15/91	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: LAMR0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00	3	0	0.00	2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	3	0	0.00	2	0	0.00						

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

Station Inventory for Station: LAMR0011

NPS Station ID: LAMR0011 | LAT/LON: 35.702087/-101.552198 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LAKE MEREDITH-SOUTH CANYON | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_01 /10052
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE SOUTH CANYON AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. SOUTH CANYON IS AT THE NORTHEAST END OF LAKE MEREDITH UPSTREAM FROM SANFORD YAKE DAM. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10052) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	62	1.	6.177	50.	1.	124.706	11.167	1.	1.	1.	25.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-12/05/74	9	20.6	16.644	23.5	8.9	51.035	7.144	8.9	9.15	23.4	23.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/18/74-12/05/74	9	69.	61.922	74.3	48.	164.802	12.838	48.	48.5	74.	74.3
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	7	86.7	86.929	89.9	83.	7.232	2.689	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/18/74-08/06/74	2	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-12/05/74	10	1875.	1876.	2100.	1650.	14648.889	121.033	1665.	1800.	1932.5	2090.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/05/74	3	1991.	2002.	2035.	1980.	847.	29.103	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/18/74-12/05/74	9	9.7	8.322	10.3	0.7	9.392	3.065	0.7	7.85	10.25	10.3
00400	PH (STANDARD UNITS)	06/18/74-12/05/74	8	8.475	8.456	9.1	7.4	0.262	0.512	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/18/74-12/05/74	8	8.457	8.121	9.1	7.4	0.39	0.625	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-12/05/74	8	0.003	0.008	0.04	0.001	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/05/74	3	8.5	8.467	8.5	8.4	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-12/05/74	3	8.5	8.464	8.5	8.4	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-12/05/74	3	0.003	0.003	0.004	0.003	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-12/05/74	3 ##	5.	9.	17.	5.	48.	6.928	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-12/05/74	3 ##	5.	3.667	5.	1.	5.333	2.309	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-12/05/74	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-12/05/74	3 ##	0.015	0.02	0.03	0.015	0.	0.009	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/18/74-12/05/74	3 ##	0.015	0.027	0.05	0.015	0.	0.02	**	**	**	**

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Parameter Inventory for Station: LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-12/05/74	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-12/05/74	3	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-12/05/74	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-12/05/74	3	7.	6.333	8.	4.	4.333	2.082	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-12/05/74	3	294.	294.667	297.	293.	4.333	2.082	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-12/05/74	3	298.	299.333	305.	295.	26.333	5.132	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/74-12/05/74	3	277.	279.333	289.	272.	76.333	8.737	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	254	9.	25.13	342.	0.	2133.086	46.185	0.	3.	24.	54.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	254	0.954	0.991	2.534	0.	0.362	0.602	0.	0.477	1.38	1.732
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.786								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	244	3.	8.564	210.	0.	391.972	19.798	0.	0.	7.5	21.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	244	0.477	0.535	2.322	-0.301	0.291	0.539	0.	0.	0.872	1.322
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.426								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.159	0.477	0.	0.076	0.275	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.442								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	233	3.	7.946	105.	0.	256.597	16.019	0.	0.	6.	21.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	233	0.477	0.519	2.021	-0.301	0.294	0.542	0.	0.	0.778	1.322
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.303								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-12/05/74	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	1	82.18	82.18	82.18	82.18	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: LAMR0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11	4	1	0.25	5	0	0.00						
00400	PH	Fresh Chronic	9.	8	1	0.13	4	0	0.00	4	1	0.25						
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	4	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL 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	3	1.00	2	2	1.00	1	1	1.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	250.	3	3	1.00	2	2	1.00	1	1	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	3	1.00	2	2	1.00	1	1	1.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	254	0	0.00	140	0	0.00	114	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	244	1	0.00	135	1	0.01	109	0	0.00						

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

Annual Analysis for 1973 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	5	9.	27.	72.	0.	1134.	33.675	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	5	0.954	0.909	1.857	0.	0.808	0.899	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.106								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	5	0.	1.2	6.	0.	7.2	2.683	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	5	0.	0.156	0.778	0.	0.121	0.348	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.431								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	5	0.	1.2	6.	0.	7.2	2.683	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	5	0.	0.156	0.778	0.	0.121	0.348	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.431								

** - Less than 9 observations ## - Computed 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 1974 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	13	6.	9.923	30.	0.	107.244	10.356	0.	1.	20.	27.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	13	0.778	0.732	1.477	0.	0.31	0.557	0.	0.151	1.299	1.438
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.401								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	13	3.	5.846	21.	0.	61.808	7.862	0.	0.	12.	19.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	13	0.477	0.498	1.322	0.	0.29	0.539	0.	0.	1.017	1.295
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.145								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	10	1.5	2.7	9.	0.	12.9	3.592	0.	0.	4.5	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	10	0.239	0.334	0.954	0.	0.154	0.393	0.	0.	0.596	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.158								

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

Annual Analysis for 1975 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	5	0.	1.2	6.	0.	7.2	2.683	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	5	0.	0.156	0.778	0.	0.121	0.348	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.431								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	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

Annual Analysis for 1976 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	7	3.	7.571	24.	2.	61.286	7.829	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	7	0.477	0.717	1.38	0.301	0.15	0.387	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.216								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	7 ##	3.	2.857	6.	0.	6.393	2.528	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	7 ##	0.477	0.293	0.778	-0.301	0.232	0.481	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.963								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	6	0.	0.5	3.	0.	1.5	1.225	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	6	0.	0.08	0.477	0.	0.038	0.195	**	**	**	**

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Annual Analysis for 1976 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.201								

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

Annual Analysis for 1977 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	9	36.	73.	321.	0.	10595.25	102.933	0.	3.	102.	321.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	9	1.556	1.283	2.507	0.	0.854	0.924	0.	0.389	2.004	2.507
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.207								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	9 ##	5.	4.444	6.	0.	3.528	1.878	0.	4.	5.5	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	9 ##	0.699	0.614	0.778	0.	0.061	0.246	0.	0.588	0.739	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.114								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	7	0.	24.429	93.	0.	1327.286	36.432	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	7	0.	0.726	1.968	0.	0.849	0.921	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.319								

** - 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

Annual Analysis for 1978 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	13	12.	14.308	51.	0.	261.231	16.163	1.2	4.5	12.	49.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	13	1.079	0.942	1.708	0.	0.217	0.465	0.191	0.628	1.079	1.697
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.755								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	12	0.	3.	24.	0.	50.727	7.122	0.	0.	2.25	19.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	12	0.	0.234	1.38	0.	0.217	0.466	0.	0.	0.358	1.252
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.715								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	12	3.	4.25	21.	0.	36.75	6.062	0.	0.	6.	17.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	12	0.477	0.439	1.322	0.	0.204	0.452	0.	0.	0.778	1.212
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.746								

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Annual Analysis for 1979 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	11	9.	10.727	30.	0.	92.218	9.603	0.6	6.	12.	29.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	11	0.954	0.88	1.477	0.	0.17	0.413	0.095	0.778	1.079	1.471
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.582								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	2.	1.455	3.	0.	2.073	1.44	0.	0.	3.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	0.301	0.228	0.477	0.	0.052	0.228	0.	0.	0.477	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.691								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	9	0.	1.667	6.	0.	4.75	2.179	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	9	0.	0.246	0.778	0.	0.093	0.305	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.76								

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Annual Analysis for 1980 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	6	12.	11.5	18.	6.	15.9	3.987	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	6	1.079	1.038	1.255	0.778	0.025	0.159	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.903								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	6	0.	1.	3.	0.	2.4	1.549	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	6	0.	0.159	0.477	0.	0.061	0.246	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.442								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	6	3.	2.	3.	0.	2.4	1.549	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	6	0.477	0.318	0.477	0.	0.061	0.246	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.08								

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Annual Analysis for 1981 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	5	18.	31.8	102.	6.	1573.2	39.664	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	5	1.255	1.289	2.009	0.778	0.206	0.454	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.439								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	5	2.	2.4	5.	0.	6.3	2.51	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	5	0.301	0.34	0.699	0.	0.123	0.35	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.187								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	3	0.	7.	21.	0.	147.	12.124	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	3	0.	0.441	1.322	0.	0.583	0.763	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.759								

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Annual Analysis for 1982 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	7	12.	10.143	21.	0.	98.143	9.907	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	7	1.079	0.708	1.322	0.	0.445	0.667	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.108								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	7	3.	3.	8.	0.	10.	3.162	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	7	0.477	0.397	0.903	0.	0.153	0.391	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.494								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	6	4.5	10.5	33.	0.	182.7	13.517	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	6	0.628	0.683	1.519	0.	0.418	0.647	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.816								

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Annual Analysis for 1983 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	9	3.	10.333	63.	0.	409.75	20.242	0.	0.	10.5	63.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	9	0.477	0.565	1.799	0.	0.409	0.639	0.	0.	1.017	1.799
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.676								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	8	0.	1.125	3.	0.	2.411	1.553	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	8	0.	0.179	0.477	0.	0.061	0.247	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.51								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	8	0.	3.75	24.	0.	68.786	8.294	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	8	0.	0.292	1.38	0.	0.24	0.49	**	**	**	**

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Annual Analysis for 1983 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.958								

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Annual Analysis for 1984 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	3	3.	3.	6.	0.	9.	3.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	3	0.477	0.418	0.778	0.	0.154	0.392	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.621								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	2	0.716	0.716	0.954	0.477	0.114	0.337	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.196								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	3	3.	3.	6.	0.	9.	3.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	3	0.477	0.418	0.778	0.	0.154	0.392	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.621								

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Annual Analysis for 1985 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	12	3.	6.25	21.	0.	48.205	6.943	0.	0.	11.25	19.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	12	0.477	0.576	1.322	0.	0.256	0.506	0.	0.	1.048	1.278
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.771								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	3.	4.091	21.	0.	43.691	6.61	0.	0.	3.	19.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	0.477	0.392	1.322	0.	0.213	0.462	0.	0.	0.477	1.274
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.465								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	12	3.	4.25	24.	0.	43.295	6.58	0.	0.	5.25	18.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	12	0.477	0.444	1.38	0.	0.172	0.415	0.	0.	0.703	1.2
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.777								

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Annual Analysis for 1986 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	9	15.	33.667	165.	0.	2735.5	52.302	0.	3.	43.5	165.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	9	1.176	1.084	2.217	0.	0.499	0.707	0.	0.477	1.625	2.217
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.137								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	9	3.	13.333	66.	0.	452.5	21.272	0.	0.	19.5	66.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	9	0.477	0.701	1.82	0.	0.448	0.669	0.	0.	1.289	1.82
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.019								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	9	3.	21.333	90.	0.	1294.75	35.983	0.	0.	46.5	90.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	9	0.477	0.698	1.954	0.	0.655	0.809	0.	0.	1.534	1.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.983								

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Annual Analysis for 1987 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	14	25.5	41.143	153.	3.	2155.055	46.423	3.	8.25	56.25	138.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	14	1.335	1.315	2.185	0.477	0.325	0.57	0.477	0.91	1.749	2.137
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.641								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	12	3.	20.25	96.	0.	1085.114	32.941	0.	0.75	38.25	88.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	12	0.477	0.763	1.982	0.	0.513	0.716	0.	0.119	1.499	1.945
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.801								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	14	6.	13.5	60.	0.	305.654	17.483	0.	2.25	24.75	48.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	14	0.778	0.798	1.778	0.	0.354	0.595	0.	0.358	1.393	1.667
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.276								

** - Less than 9 observations ## - Computed 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 LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	12	10.5	47.5	294.	3.	7055.727	83.998	3.	6.	47.25	240.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	12	1.017	1.214	2.468	0.477	0.406	0.637	0.477	0.778	1.674	2.345
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.349								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	13	15.	21.692	78.	0.	520.731	22.82	1.2	6.	25.5	70.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	13	1.176	1.1	1.892	0.	0.28	0.529	0.191	0.716	1.406	1.847
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.594								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	12	7.5	11.5	48.	0.	166.636	12.909	0.	3.75	15.	39.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	12	0.866	0.844	1.681	0.	0.248	0.498	0.	0.552	1.176	1.553
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.99								

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Annual Analysis for 1989 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	11	15.	22.909	72.	6.	410.891	20.27	6.	9.	39.	65.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	11	1.176	1.222	1.857	0.778	0.128	0.358	0.778	0.954	1.591	1.804
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.687								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	9.	15.545	57.	0.	419.073	20.471	0.	0.	30.	55.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	0.954	0.771	1.756	0.	0.499	0.707	0.	0.	1.477	1.741
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.896								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	11	9.	17.182	84.	0.	612.164	24.742	0.	0.	21.	74.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	11	0.954	0.851	1.924	0.	0.441	0.664	0.	0.	1.322	1.851
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.101								

** - Less than 9 observations ## - Computed 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 LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	10	12.	10.8	18.	0.	44.4	6.663	0.	6.75	18.	18.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	10	1.079	0.891	1.255	0.	0.233	0.483	0.	0.716	1.255	1.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.784								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	9	0.	6.444	28.	0.	125.528	11.204	0.	0.	13.5	28.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	9	0.	0.42	1.447	0.	0.358	0.598	0.	0.	0.929	1.447
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.631								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	9	3.	3.667	15.	0.	24.25	4.924	0.	0.	6.	15.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	9	0.477	0.41	1.176	0.	0.192	0.439	0.	0.	0.778	1.176

** - 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 1990 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.568								

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

Annual Analysis for 1991 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	14	21.	38.143	177.	0.	2397.363	48.963	0.	8.25	44.25	142.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	14	1.304	1.233	2.248	0.	0.438	0.662	0.	0.91	1.644	2.141
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.088								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	14	12.	34.286	210.	0.	3216.066	56.71	0.	2.25	39.	151.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	14	1.065	1.038	2.322	0.	0.555	0.745	0.	0.358	1.588	2.145
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.916								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	13	3.	10.154	63.	0.	315.808	17.771	0.	0.	18.	46.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	13	0.477	0.566	1.799	0.	0.418	0.647	0.	0.	1.249	1.608
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.678								

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Annual Analysis for 1992 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	16	18.	29.375	96.	6.	711.85	26.681	8.1	9.75	48.	80.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	16	1.255	1.32	1.982	0.778	0.131	0.362	0.901	0.985	1.681	1.903
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.89								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	14	9.	11.464	61.	0.	234.018	15.298	0.	2.375	12.	39.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	14	0.954	0.777	1.785	-0.301	0.327	0.572	0.	0.283	1.079	1.52
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.979								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	15	9.	17.633	105.	0.	772.588	27.795	0.	3.	18.	74.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	15	0.954	0.842	2.021	-0.301	0.427	0.653	0.	0.477	1.255	1.848
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.958								

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Annual Analysis for 1993 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	11	27.	88.636	342.	3.	12912.055	113.631	3.	6.	183.	312.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	11	1.431	1.448	2.534	0.477	0.606	0.778	0.477	0.778	2.262	2.485
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.031								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	3.	6.818	51.	0.	223.364	14.945	0.	0.	6.	42.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	0.477	0.443	1.708	0.	0.296	0.544	0.	0.	0.778	1.557
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.772								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	11	3.	2.727	6.	0.	6.218	2.494	0.	0.	6.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	11	0.477	0.386	0.778	0.	0.109	0.33	0.	0.	0.778	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.431								

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Annual Analysis for 1994 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	12	9.	18.333	52.	3.	379.879	19.49	3.9	6.	39.	51.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	12	0.954	1.063	1.716	0.477	0.174	0.417	0.567	0.778	1.531	1.713
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.573								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	10	3.	3.3	6.	0.	2.9	1.703	0.3	3.	3.75	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	10	0.477	0.49	0.778	0.	0.045	0.213	0.048	0.477	0.552	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.088								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	12	3.	4.75	18.	0.	20.568	4.535	0.6	3.	6.	14.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	12	0.477	0.573	1.255	0.	0.095	0.308	0.09	0.477	0.778	1.112
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.743								

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Annual Analysis for 1995 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	11	6.	12.	42.	0.	147.6	12.149	0.6	3.	18.	37.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	11	0.778	0.882	1.623	0.	0.217	0.465	0.095	0.477	1.255	1.563
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.616								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	3.	4.636	12.	0.	16.855	4.105	0.	3.	6.	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	0.477	0.555	1.079	0.	0.13	0.36	0.	0.477	0.778	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.586								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	11	3.	7.091	27.	0.	94.091	9.7	0.	0.	9.	26.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	11	0.477	0.559	1.431	0.	0.302	0.549	0.	0.	0.954	1.421
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.624								

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Annual Analysis for 1996 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	11	6.	5.455	18.	0.	26.673	5.165	0.	0.	6.	16.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	11	0.778	0.598	1.255	0.	0.181	0.425	0.	0.	0.778	1.195
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.962								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	3.	2.727	6.	0.	4.418	2.102	0.	0.	3.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	11	0.477	0.402	0.778	0.	0.08	0.283	0.	0.	0.477	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.522								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	11	3.	3.818	9.	0.	10.964	3.311	0.	0.	6.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	11	0.477	0.488	0.954	0.	0.132	0.363	0.	0.	0.778	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.079								

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Annual Analysis for 1997 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	12	6.	8.5	36.	0.	94.636	9.728	0.9	3.	8.25	30.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	12	0.778	0.757	1.556	0.	0.158	0.397	0.143	0.477	0.91	1.466
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.719								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	12	3.	3.5	15.	0.	19.364	4.4	0.	0.	3.	13.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	12	0.477	0.416	1.176	0.	0.144	0.379	0.	0.	0.477	1.11
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.607								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	12	0.	4.	18.	0.	46.364	6.809	0.	0.	5.25	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	12	0.	0.354	1.255	0.	0.247	0.497	0.	0.	0.703	1.255

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Annual Analysis for 1997 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.257								

** - Less than 9 observations ## - Computed 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 1998 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	6	42.	53.5	114.	18.	1311.9	36.22	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	6	1.619	1.646	2.057	1.255	0.087	0.296	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			44.211								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	6	7.5	7.5	12.	3.	9.9	3.146	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	6	0.866	0.837	1.079	0.477	0.045	0.211	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.868								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	34	1.	5.5	50.	1.	116.621	10.799	1.	1.	1.	22.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	140	12.	27.586	321.	0.	2192.072	46.82	0.	6.	27.75	63.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	140	1.079	1.07	2.507	0.	0.345	0.587	0.	0.778	1.443	1.799
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.758								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	135	3.	10.156	210.	0.	518.323	22.767	0.	0.	9.	24.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	135	0.477	0.601	2.322	-0.301	0.311	0.557	0.	0.	0.954	1.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.992								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	127	3.	10.114	93.	0.	304.624	17.453	0.	0.	15.	24.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	127	0.477	0.619	1.968	-0.301	0.336	0.58	0.	0.	1.176	1.38
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.156								

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	28	1.	7.	40.	1.	137.926	11.744	1.	1.	7.75	30.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/06/73-06/01/98	114	6.	22.114	342.	0.	2062.757	45.418	0.	3.	18.	51.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/06/73-06/01/98	114	0.778	0.893	2.534	0.	0.37	0.608	0.	0.477	1.255	1.712
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.811								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	109	3.	6.592	96.	0.	231.742	15.223	0.	0.	5.5	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/73-06/01/98	109	0.477	0.453	1.982	-0.301	0.257	0.507	0.	0.	0.739	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.835								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/06/73-02/09/98	106	3.	5.349	105.	0.	188.915	13.745	0.	0.	6.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/06/73-02/09/98	106	0.477	0.399	2.021	0.	0.22	0.469	0.	0.	0.778	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.508								

** - Less than 9 observations ## - Computed 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: LAMR0012

NPS Station ID: LAMR0012 | LAT/LON: 35.709726/-101.552226 | Agency: 11EPALES | Date Created: / /
Location: LAKE MEREDITH | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 482301
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 90 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 11090105005 | RF1 Mile Point: 30.070 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
150 YDS, 250 DEGREES FR WATER INTAKE TOWER AT DAM. COMMENTS: 3-5 ULE 6, NO VISIBLE AQUATICS; SOME TURBIDITY FR WIND ACTION AGAINST RED CLAY BANKS. 5-14 ULE 12, NO AQUATIC PLANTS, FILAMENTOUS ALGAE OBSERVED ON BASE OF BUOY NEXT TO DAM; INTEGRATE FR 17 FT; DEPTH 8 8-7 ULE 10, GREEN; NO VISIBLE ALGAE OR MACROPHYTES; LOW SCRUB W/OPEN SOIL ON BLUFFS; ARID CONDITIONS, VERY FEW TREES; DEPTH 83 FT. 10-28 ULE 15, NO VISIBLE AQUATICS; MARINA, SCATTERED HOUSES S SHORE; ROCKY SHORELINE W/RED CLAY; INTEG 15 FT; DEPTH 87 FT.
MAP: SANFORD QUAD

Parameter Inventory for Station: LAMR0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/74-10/28/74	25	20.	32.64	86.	0.	893.157	29.886	0.	5.	60.	78.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/28/74	23	17.	15.843	24.3	5.4	45.547	6.749	5.64	5.8	21.7	24.12
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	10/28/74-10/28/74	2	25.5	25.5	50.	1.	1200.5	34.648	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/28/74	23	80.6	86.448	95.	78.	50.181	7.084	79.2	80.	93.5	94.86
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/28/74	4	90.5	88.	122.	49.	916.667	30.277	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/28/74	23	1561.	1502.261	1880.	1120.	71400.02	267.208	1130.	1140.	1757.	1869.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/28/74	23	1831.	1794.696	1891.	1680.	5535.403	74.4	1680.4	1736.	1865.	1889.4
00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/28/74	20	7.6	7.335	10.6	0.1	7.002	2.646	3.14	6.2	9.65	10.4
00400	PH (STANDARD UNITS)	03/05/74-10/28/74	23	8.3	8.247	8.6	7.5	0.104	0.323	7.6	8.1	8.43	8.6
00400	CONVERTED PH (STANDARD UNITS)	03/05/74-10/28/74	23	8.3	8.105	8.6	7.5	0.126	0.355	7.6	8.1	8.43	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/74-10/28/74	23	0.005	0.008	0.032	0.003	0.	0.008	0.003	0.004	0.008	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/28/74	23	188.	187.	198.	172.	77.636	8.811	174.	175.	195.	197.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/28/74	23	0.03	0.045	0.15	0.02	0.001	0.027	0.03	0.03	0.06	0.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/28/74	23	0.4	0.396	0.5	0.3	0.006	0.077	0.3	0.3	0.5	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/28/74	23	0.03	0.044	0.13	0.01	0.001	0.034	0.01	0.01	0.07	0.104
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/28/74	23	0.021	0.023	0.06	0.008	0.	0.013	0.009	0.011	0.026	0.043
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/28/74	23	0.009	0.011	0.036	0.001	0.	0.007	0.004	0.006	0.013	0.021
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/28/74	4	1.95	1.95	3.2	0.7	1.177	1.085	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/28/74	4	85.	85.	90.	80.	19.333	4.397	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	2	0.10	15	2	0.13	5	0	0.00						
00400	PH	Fresh Chronic	9.	23	0	0.00	17	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	23	0	0.00	17	0	0.00	6	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00	17	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: LAMR0013

NPS Station ID: LAMR0013
LAT/LON: 35.719448/-101.554171
Agency: 11EPALES
Date Created: / /
Location: CANADIAN RIVER
FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4823A1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090106
Depth of Water: 0
Aquifer:
Major Basin: O/LAKE MEREDITH
Elevation: 0
Water Body Id:
Minor Basin: BANK SAMPLE AT N OUTLET SPILLWAY
ECO Region:
RF1 Index: 11090106
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
BANK SAMPLE AT N OUTLET SPILLWAY INLET TO LARGE POND BELOW NORTH END OF SANFORD DAM

Parameter Inventory for Station: LAMR0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	13	0.025	0.033	0.074	0.01	0.	0.021	0.01	0.018	0.053	0.067
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	2	0.018	0.018	0.02	0.016	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	13	0.3	0.446	1.65	0.15	0.151	0.389	0.17	0.225	0.525	1.23
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	13	0.07	0.074	0.14	0.005	0.003	0.051	0.011	0.02	0.13	0.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	13	0.005	0.011	0.03	0.005	0.	0.008	0.005	0.005	0.018	0.026
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	13 ##	0.003	0.005	0.015	0.003	0.	0.004	0.003	0.003	0.005	0.013

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

EPA Water Quality Criteria Analysis for Station: LAMR0013

				Total	Exceed	Prop.	----------4/15-10/31----------			----------11/01-4/14----------			--------------n/a--------------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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: LAMR0014

NPS Station ID: LAMR0014
LAT/LON: 35.706142/-101.554642
Agency: 11NPSWRD
Date Created: 06/20/98
Location: LAKE MEREDITH-SANFORD YAKE MARINA
FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): LAMR_CRMWA_02
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2915
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE SANFORD YAKE MARINA AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/18/69-02/10/70	12	54.	56.917	80.	39.	254.992	15.968	39.3	40.5	74.25	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/18/69-07/15/69	5	16.	17.6	20.	16.	4.8	2.191	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/67-09/16/68	6	1715.5	1706.333	1826.	1560.	8836.267	94.001	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/04/67-02/10/70	16	8.	8.45	12.	6.	2.261	1.504	6.7	7.25	9.75	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/67-03/17/69	6	0.75	0.833	1.5	0.	0.367	0.606	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/67-10/05/71	13	8.5	8.408	8.6	8.2	0.019	0.138	8.2	8.25	8.5	8.56
00400	CONVERTED PH (STANDARD UNITS)	08/17/67-10/05/71	13	8.5	8.386	8.6	8.2	0.02	0.14	8.2	8.25	8.5	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/67-10/05/71	13	0.003	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.006	0.006
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/67-10/05/71	8	187.5	187.5	196.	173.	60.286	7.764	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/67-10/05/71	8	4.5	3.875	8.	0.	7.839	2.8	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/67-06/04/70	7	222.	220.286	229.	206.	52.571	7.251	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/17/67-06/04/70	7	6.	6.286	16.	0.	23.571	4.855	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/67-09/16/68	6	975.	973.333	1040.	910.	2426.667	49.261	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-10/05/71	6	0.08	0.073	0.14	0.	0.005	0.073	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/67-10/05/71	8	259.	260.875	278.	247.	149.268	12.218	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/17/67-06/04/70	7	68.	67.857	72.	64.	11.143	3.338	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/67-06/04/70	7	22.	22.429	26.	20.	4.619	2.149	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/17/67-06/04/70	7	219.	216.714	234.	201.	151.571	12.311	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/04/70-06/04/70	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/67-10/05/71	15	249.	230.933	283.	2.	4287.352	65.478	128.	230.	256.	269.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/67-10/05/71	10	215.	230.8	300.	192.	1776.844	42.153	192.	196.5	270.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/67-06/04/70	7	1.	1.029	1.4	0.9	0.032	0.18	**	**	**	**

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

Parameter Inventory for Station: LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	08/17/67-09/16/68	6	50.	203.333	940.	10.	131866.667	363.135	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/17/67-10/05/71	7 ##	25.	21.429	25.	0.	89.286	9.449	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	411	12.	52.345	9600.	0.	224847.739	474.181	0.	3.	36.	73.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	411	1.079	1.08	3.982	0.	0.416	0.645	0.	0.477	1.556	1.867
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.015								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	406	3.	10.764	210.	0.	596.043	24.414	0.	0.	12.	24.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	406	0.477	0.577	2.322	0.	0.35	0.592	0.	0.	1.079	1.38
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.779								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	350	3.	8.814	108.	0.	282.656	16.812	0.	0.	9.	24.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	350	0.477	0.559	2.033	0.	0.314	0.561	0.	0.	0.954	1.38
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.624								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	46.	41.333	66.	12.	745.333	27.301	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	1.663	1.52	1.82	1.079	0.152	0.39	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			33.151								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/04/70-06/04/70	1	980.	980.	980.	980.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	06/04/70-06/04/70	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/04/70-06/04/70	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/17/67-06/04/70	7 ##	0.2	0.243	0.5	0.2	0.013	0.113	**	**	**	**

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

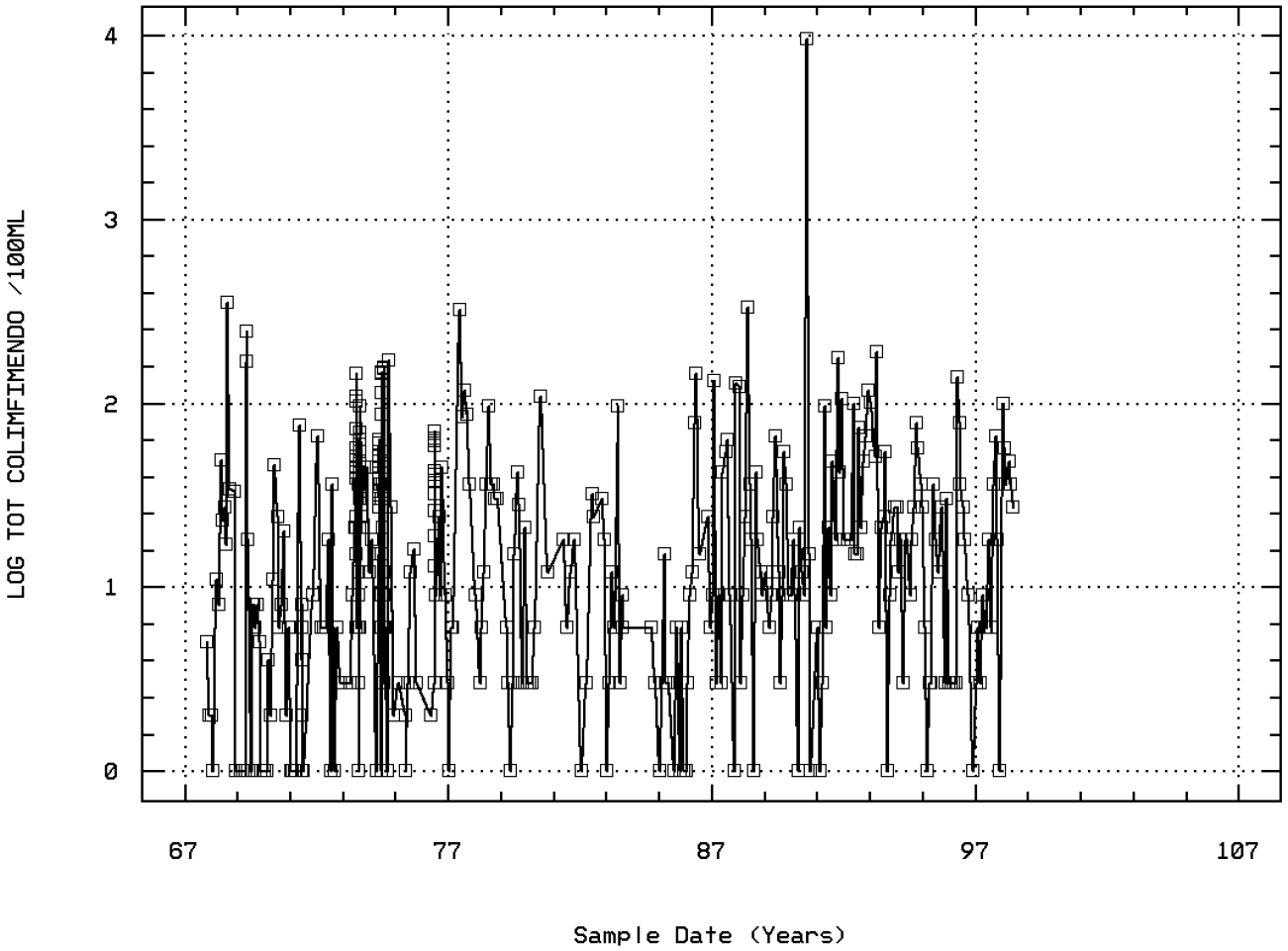
EPA Water Quality Criteria Analysis for Station: LAMR0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	10	0	0.00	6	0	0.00						
00400	PH	Fresh Chronic	9.	13	0	0.00	9	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	13	0	0.00	9	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	11	0	0.00	4	0	0.00						
		Drinking Water	250.	15	7	0.47	11	6	0.55	4	1	0.25						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	3	0.30	7	2	0.29	3	1	0.33						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	5	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	411	1	0.00	280	1	0.00	131	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	406	2	0.00	282	2	0.01	124	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	7	0	0.00	5	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: LAMR0014 Parameter Code: 31501

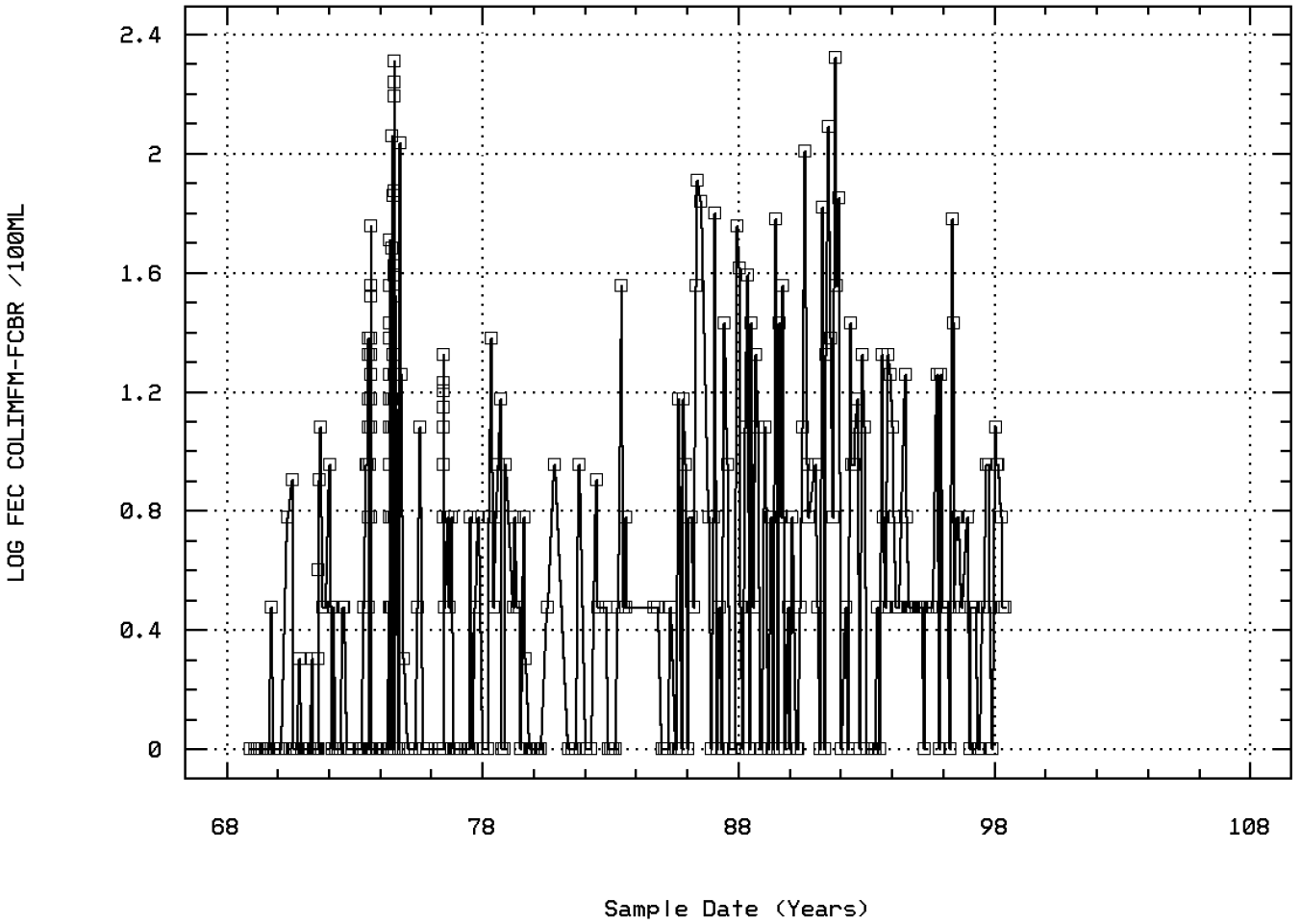
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-SANFORD YAKE MARINA

Station: LAMR0014 Parameter Code: 31616

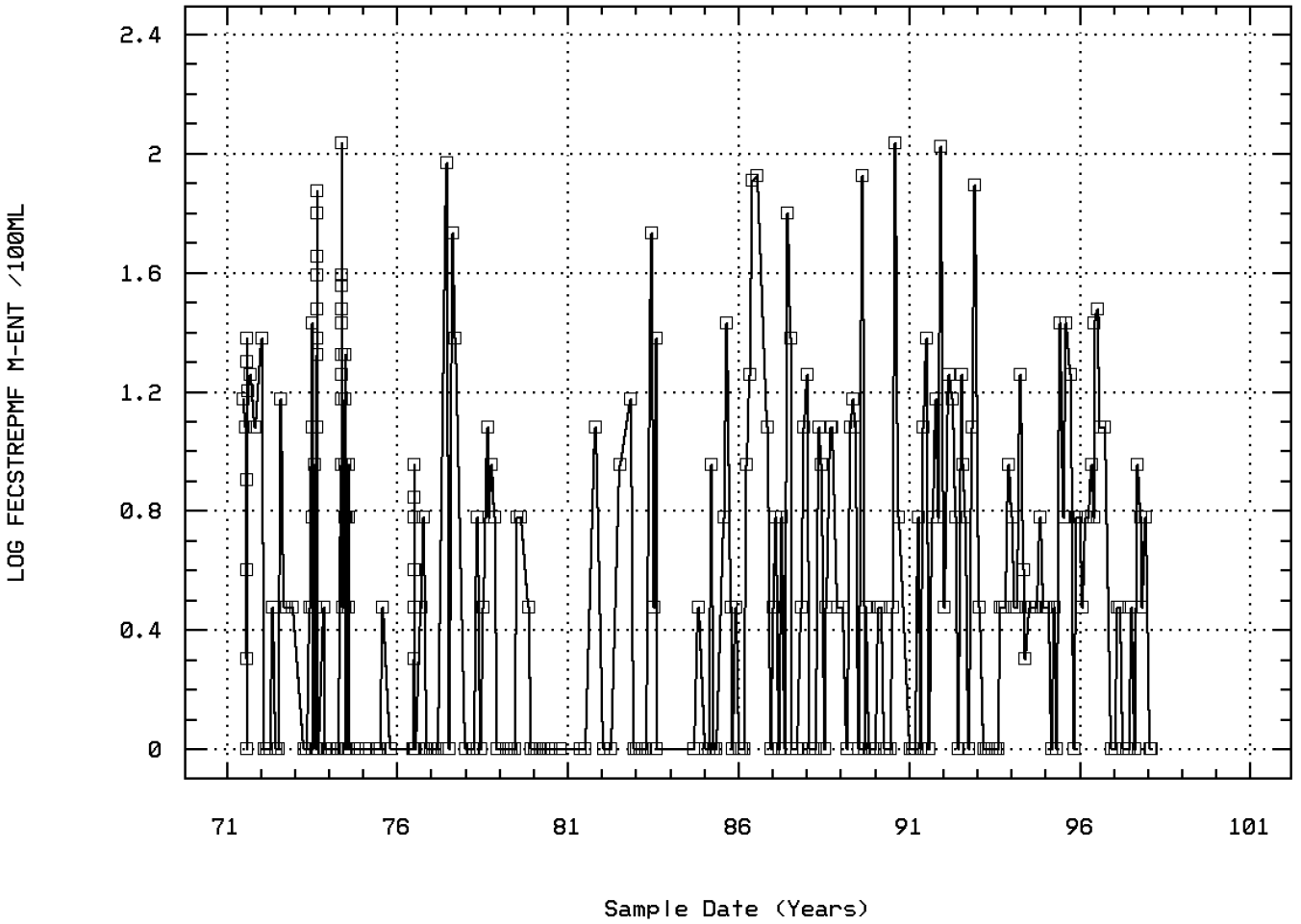
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-SANFORD YAKE MARINA

Station: LAMR0014 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-SANFORD YAKE MARINA

Annual Analysis for 1967 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	2	0.5	0.5	0.699	0.301	0.079	0.281	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.162								

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

Annual Analysis for 1968 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	13	17.	42.615	350.	0.	8772.756	93.663	0.	1.	33.5	229.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	13	1.23	1.043	2.544	0.	0.605	0.778	0.	0.151	1.525	2.203
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.03								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	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

Annual Analysis for 1969 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	13	6.	36.	246.	0.	6039.167	77.712	0.	0.	13.	214.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	13	0.778	0.774	2.391	0.	0.667	0.817	0.	0.	1.079	2.325
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.939								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.3	3.	0.	0.9	0.949	0.	0.	0.	2.7
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.048	0.477	0.	0.023	0.151	0.	0.	0.	0.429
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.116								

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

Annual Analysis for 1970 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	12	6.	10.833	46.	0.	178.697	13.368	0.3	2.	17.75	39.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	12	0.778	0.754	1.663	0.	0.29	0.539	0.	0.301	1.236	1.578
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.676								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	1.778	8.	0.	9.444	3.073	0.	0.	4.	8.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.22	0.903	0.	0.134	0.367	0.	0.	0.54	0.903
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.661								

** - Less than 9 observations ## - Computed 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 1971 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	22	2.	6.136	76.	0.	252.6	15.893	0.	0.	4.5	9.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	22	0.301	0.429	1.881	0.	0.217	0.465	0.	0.	0.646	0.986
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.683								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	38	0.	1.105	12.	0.	5.935	2.436	0.	0.	2.	3.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	38	0.	0.141	1.079	0.	0.07	0.265	0.	0.	0.301	0.49
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.382								

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Annual Analysis for 1971 - Station LAMR0014

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	07/02/71-02/09/98	17	4.	8.529	24.	0.	60.015	7.747	0.	2.	15.5	20.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	17	0.602	0.729	1.38	0.	0.223	0.473	0.	0.301	1.19	1.317
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.355								

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Annual Analysis for 1972 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	10	6.	14.7	66.	0.	440.9	20.998	0.	2.25	22.5	63.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	10	0.778	0.822	1.82	0.	0.356	0.596	0.	0.358	1.331	1.793
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.639								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	1.636	9.	0.	7.855	2.803	0.	0.	3.	7.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.217	0.954	0.	0.108	0.328	0.	0.	0.477	0.859
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.648								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	4.636	24.	0.	60.055	7.749	0.	0.	3.	22.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.406	1.38	0.	0.239	0.489	0.	0.	0.477	1.339
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.546								

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Annual Analysis for 1973 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	50	27.	32.94	144.	0.	996.058	31.56	0.3	6.	45.75	71.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	50	1.429	1.24	2.158	0.	0.36	0.6	0.048	0.778	1.66	1.855
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.371								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	50	6.	9.84	57.	0.	148.423	12.183	0.	0.	18.	24.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	50	0.778	0.654	1.756	0.	0.376	0.613	0.	0.	1.255	1.38
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.505								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	50	3.	10.98	75.	0.	289.326	17.01	0.	0.	21.	38.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	50	0.477	0.617	1.875	0.	0.394	0.628	0.	0.	1.322	1.58
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.145								

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Annual Analysis for 1974 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	60	27.	35.35	172.	0.	1816.435	42.62	0.2	6.75	45.	111.3
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	60	1.431	1.219	2.236	0.	0.382	0.618	0.03	0.822	1.653	2.045
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.548								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	60	6.	24.483	204.	0.	1881.034	43.371	0.	2.25	23.25	74.7
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	60	0.778	0.872	2.31	0.	0.482	0.694	0.	0.345	1.366	1.873
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.452								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	56	4.5	10.339	108.	0.	283.719	16.844	0.	0.	15.	30.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	56	0.628	0.663	2.033	0.	0.336	0.58	0.	0.	1.176	1.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.598								

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Annual Analysis for 1975 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	7	3.	5.571	16.	0.	35.619	5.968	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	7	0.477	0.574	1.204	0.	0.181	0.425	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.747								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	7	0.	2.143	12.	0.	20.143	4.488	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	7	0.	0.222	1.079	0.	0.174	0.418	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.669								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	0.6	3.	0.	1.8	1.342	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.095	0.477	0.	0.046	0.213	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.246								

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

Annual Analysis for 1976 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	20	25.	29.5	70.	2.	491.947	22.18	3.	9.	44.5	63.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	20	1.398	1.289	1.845	0.301	0.223	0.472	0.477	0.954	1.648	1.805
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.462								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	20	10.5	9.45	21.	0.	50.576	7.112	0.	3.	15.5	20.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	20	1.017	0.804	1.322	0.	0.229	0.478	0.	0.477	1.19	1.313
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.37								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	18	3.	3.333	9.	0.	8.235	2.87	0.	0.75	6.	7.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	18	0.477	0.423	0.954	0.	0.127	0.357	0.	0.	0.778	0.856
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.649								

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Annual Analysis for 1977 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	8	60.	82.125	321.	0.	11252.411	106.077	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	8	1.74	1.444	2.507	0.	0.711	0.843	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27.79								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	1.875	6.	0.	7.554	2.748	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.254	0.778	0.	0.132	0.363	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.795								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	24.429	93.	0.	1327.286	36.432	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.726	1.968	0.	0.849	0.921	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.319								

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Annual Analysis for 1978 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	10	30.	29.4	96.	3.	725.6	26.937	3.3	8.25	36.	90.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	10	1.477	1.289	1.982	0.477	0.205	0.452	0.507	0.91	1.556	1.94
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.472								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	6.	6.545	24.	0.	57.273	7.568	0.	0.	9.	22.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.778	0.591	1.38	0.	0.271	0.521	0.	0.	0.954	1.339
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.897								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	3.818	12.	0.	18.164	4.262	0.	0.	6.	11.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.44	1.079	0.	0.199	0.446	0.	0.	0.778	1.054

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

Annual Analysis for 1978 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.757								

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

Annual Analysis for 1979 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	9	6.	13.444	42.	0.	206.278	14.362	0.	3.	24.5	42.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	9	0.778	0.864	1.623	0.	0.303	0.551	0.	0.477	1.385	1.623
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.316								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	3.	2.556	6.	0.	5.528	2.351	0.	0.	4.5	6.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.477	0.365	0.778	0.	0.098	0.313	0.	0.	0.628	0.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.32								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.875	6.	0.	7.554	2.748	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.254	0.778	0.	0.132	0.363	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.795								

** - 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

Annual Analysis for 1980 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	6	4.5	22.5	108.	3.	1766.7	42.032	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	6	0.628	0.887	2.033	0.477	0.373	0.611	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.709								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	2.	9.	0.	13.2	3.633	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.239	0.954	0.	0.159	0.399	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.732								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	4	15.	13.5	18.	6.	33.	5.745	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	4	1.167	1.092	1.255	0.778	0.051	0.225	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.359								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	4	0.	2.25	9.	0.	20.25	4.5	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	4	0.	0.239	0.954	0.	0.228	0.477	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.732								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	0.	4.	12.	0.	48.	6.928	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.	0.36	1.079	0.	0.388	0.623	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.289								

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Annual Analysis for 1982 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	6	21.	17.833	32.	0.	184.967	13.6	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	6	1.318	1.016	1.505	0.	0.393	0.627	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.371								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	1.5	2.333	8.	0.	9.867	3.141	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.239	0.31	0.903	0.	0.139	0.373	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.04								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	4.8	15.	0.	47.7	6.907	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.426	1.176	0.	0.347	0.589	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.667								

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Annual Analysis for 1983 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	8	6.	16.875	96.	0.	1036.125	32.189	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	8	0.778	0.816	1.982	0.	0.335	0.579	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.543								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	3.	6.375	36.	0.	147.696	12.153	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.477	0.471	1.556	0.	0.277	0.526	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.956								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	10.125	54.	0.	382.982	19.57	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.449	1.732	0.	0.503	0.709	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.81								

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Annual Analysis for 1984 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	2	0.628	0.628	0.778	0.477	0.045	0.213	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.243								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	3.	3.	3.	3.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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Annual Analysis for 1985 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	10	3.	3.6	15.	0.	21.6	4.648	0.	0.	6.	14.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	10	0.477	0.416	1.176	0.	0.171	0.414	0.	0.	0.778	1.136
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.608								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	4.2	15.	0.	40.4	6.356	0.	0.	10.5	15.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.378	1.176	0.	0.275	0.524	0.	0.	1.01	1.176
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.39								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	1.5	4.8	27.	0.	70.4	8.39	0.	0.	6.75	25.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.239	0.412	1.431	0.	0.258	0.508	0.	0.	0.822	1.384

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Annual Analysis for 1985 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.581								

** - 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

Annual Analysis for 1986 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	9	12.	32.333	144.	0.	2310.25	48.065	0.	4.5	51.	144.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	9	1.079	1.099	2.158	0.	0.444	0.667	0.	0.628	1.636	2.158
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.575								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	6.	23.	81.	0.	996.75	31.571	0.	1.5	52.5	81.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.778	0.902	1.908	0.	0.522	0.722	0.	0.239	1.698	1.908
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.974								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	9.	22.667	84.	0.	1192.75	34.536	0.	0.	49.5	84.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.954	0.791	1.924	0.	0.67	0.819	0.	0.	1.582	1.924
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.184								

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Annual Analysis for 1987 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	9.	41.182	132.	0.	2431.964	49.315	0.6	3.	63.	131.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	0.954	1.2	2.121	0.	0.516	0.719	0.095	0.477	1.799	2.119
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.859								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	4.5	16.5	63.	0.	594.5	24.382	0.	0.	34.5	62.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.628	0.72	1.799	0.	0.548	0.74	0.	0.	1.512	1.795
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.243								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	10.636	63.	0.	353.455	18.8	0.	0.	12.	55.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.615	1.799	0.	0.381	0.617	0.	0.	1.079	1.716
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.125								

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Annual Analysis for 1988 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	12	18.	52.25	333.	0.	8896.023	94.319	0.9	9.	40.5	270.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	12	1.255	1.262	2.522	0.	0.449	0.67	0.143	0.954	1.607	2.393
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.293								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	7.5	13.167	41.	0.	236.152	15.367	0.	0.	25.5	40.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.778	0.756	1.613	0.	0.442	0.665	0.	0.	1.404	1.606
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.699								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	6.273	18.	0.	42.218	6.498	0.	0.	12.	16.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.582	1.255	0.	0.271	0.521	0.	0.	1.079	1.22
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.819								

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Annual Analysis for 1989 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	12.	21.818	66.	3.	448.364	21.175	3.6	9.	36.	63.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	1.079	1.16	1.82	0.477	0.172	0.415	0.537	0.954	1.556	1.802
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.469								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	6.	13.636	60.	0.	380.455	19.505	0.	0.	27.	55.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.778	0.716	1.778	0.	0.459	0.678	0.	0.	1.431	1.734
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.203								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	11.727	84.	0.	607.418	24.646	0.	0.	12.	70.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.565	1.924	0.	0.436	0.66	0.	0.	1.079	1.775
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.671								

** - Less than 9 observations ## - Computed 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 LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	10	10.5	969.3	9600.	0.	9196216.9	3032.526	0.	6.75	18.75	8642.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	10	1.017	1.168	3.982	0.	1.203	1.097	0.	0.716	1.272	3.716
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.716								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	6.	15.333	102.	0.	1074.25	32.776	0.	0.	10.5	102.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.778	0.675	2.009	0.	0.431	0.656	0.	0.	1.017	2.009
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.732								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	3.	13.667	108.	0.	1255.75	35.437	0.	0.	4.5	108.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.477	0.471	2.033	0.	0.428	0.654	0.	0.	0.628	2.033
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.961								

** - Less than 9 observations ## - Computed 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 LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	12	19.5	44.25	177.	0.	3006.205	54.829	0.9	6.	84.	155.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	12	1.289	1.26	2.248	0.	0.468	0.684	0.143	0.778	1.907	2.18
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.201								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	22.5	47.417	210.	0.	4007.72	63.307	0.	3.75	69.75	183.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	1.351	1.213	2.322	0.	0.607	0.779	0.	0.552	1.843	2.253
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.315								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	6.	14.5	105.	0.	868.636	29.473	0.	0.	14.25	80.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.778	0.666	2.021	0.	0.458	0.676	0.	0.	1.152	1.829
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.634								

** - Less than 9 observations ## - Computed 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 LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	21.	46.273	117.	15.	1393.618	37.331	15.	18.	74.	113.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	1.322	1.534	2.068	1.176	0.125	0.353	1.176	1.255	1.869	2.054
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.198								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	9.	9.818	27.	0.	79.364	8.909	0.	0.	15.	25.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.954	0.77	1.431	0.	0.303	0.551	0.	0.	1.176	1.41
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.893								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	9.	15.	78.	0.	478.8	21.881	0.	3.	18.	66.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.954	0.877	1.892	0.	0.317	0.563	0.	0.477	1.255	1.765

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Annual Analysis for 1992 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.531								

** - Less than 9 observations ## - Computed 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 LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	24.	45.455	189.	0.	3089.873	55.587	1.2	9.	54.	171.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	1.38	1.349	2.276	0.	0.388	0.623	0.156	0.954	1.732	2.222
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.351								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	3.	6.545	21.	0.	78.873	8.881	0.	0.	18.	21.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.477	0.512	1.322	0.	0.325	0.57	0.	0.	1.255	1.322
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.251								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.909	9.	0.	7.691	2.773	0.	0.	3.	7.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.26	0.954	0.	0.108	0.328	0.	0.	0.477	0.859
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.821								

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Annual Analysis for 1994 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	12	18.	26.75	78.	3.	457.295	21.384	4.8	13.5	33.75	71.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	12	1.255	1.3	1.892	0.477	0.137	0.371	0.62	1.123	1.525	1.851
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.947								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	3.	6.	18.	3.	26.	5.099	3.	3.	7.5	17.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.477	0.675	1.255	0.477	0.084	0.29	0.477	0.477	0.853	1.238
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.735								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	4.75	18.	2.	18.932	4.351	2.3	3.	5.5	14.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.588	1.255	0.301	0.062	0.25	0.354	0.477	0.734	1.112
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.871								

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Annual Analysis for 1995 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	12.	15.	36.	0.	171.	13.077	0.6	3.	27.	34.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	1.079	0.949	1.556	0.	0.282	0.531	0.095	0.477	1.431	1.54
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.894								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	3.	5.182	18.	0.	41.564	6.447	0.	3.	3.	18.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.477	0.532	1.255	0.	0.163	0.404	0.	0.477	0.477	1.255
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.403								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	8.455	27.	0.	109.473	10.463	0.	0.	18.	27.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.646	1.431	0.	0.298	0.546	0.	0.	1.255	1.431
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.426								

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Annual Analysis for 1996 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	9.	28.909	138.	0.	1840.091	42.896	0.6	3.	36.	126.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	0.954	1.013	2.14	0.	0.475	0.689	0.095	0.477	1.556	2.09
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.292								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	3.	10.909	60.	0.	317.291	17.813	0.6	3.	6.	53.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.477	0.721	1.778	0.	0.245	0.495	0.095	0.477	0.778	1.709
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.259								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	6.	10.636	30.	0.	90.655	9.521	0.6	6.	12.	29.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.778	0.874	1.477	0.	0.172	0.415	0.095	0.778	1.079	1.468
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.477								

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Annual Analysis for 1997 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	12	6.	14.75	66.	0.	357.477	18.907	0.9	3.75	18.	57.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	12	0.778	0.909	1.82	0.	0.251	0.501	0.143	0.552	1.255	1.741
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.109								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	3.	3.	9.	0.	9.818	3.133	0.	0.	3.	9.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.477	0.398	0.954	0.	0.117	0.342	0.	0.	0.477	0.954
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.498								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	2.75	9.	0.	8.932	2.989	0.	0.	5.25	8.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.368	0.954	0.	0.128	0.357	0.	0.	0.703	0.901
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.335								

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

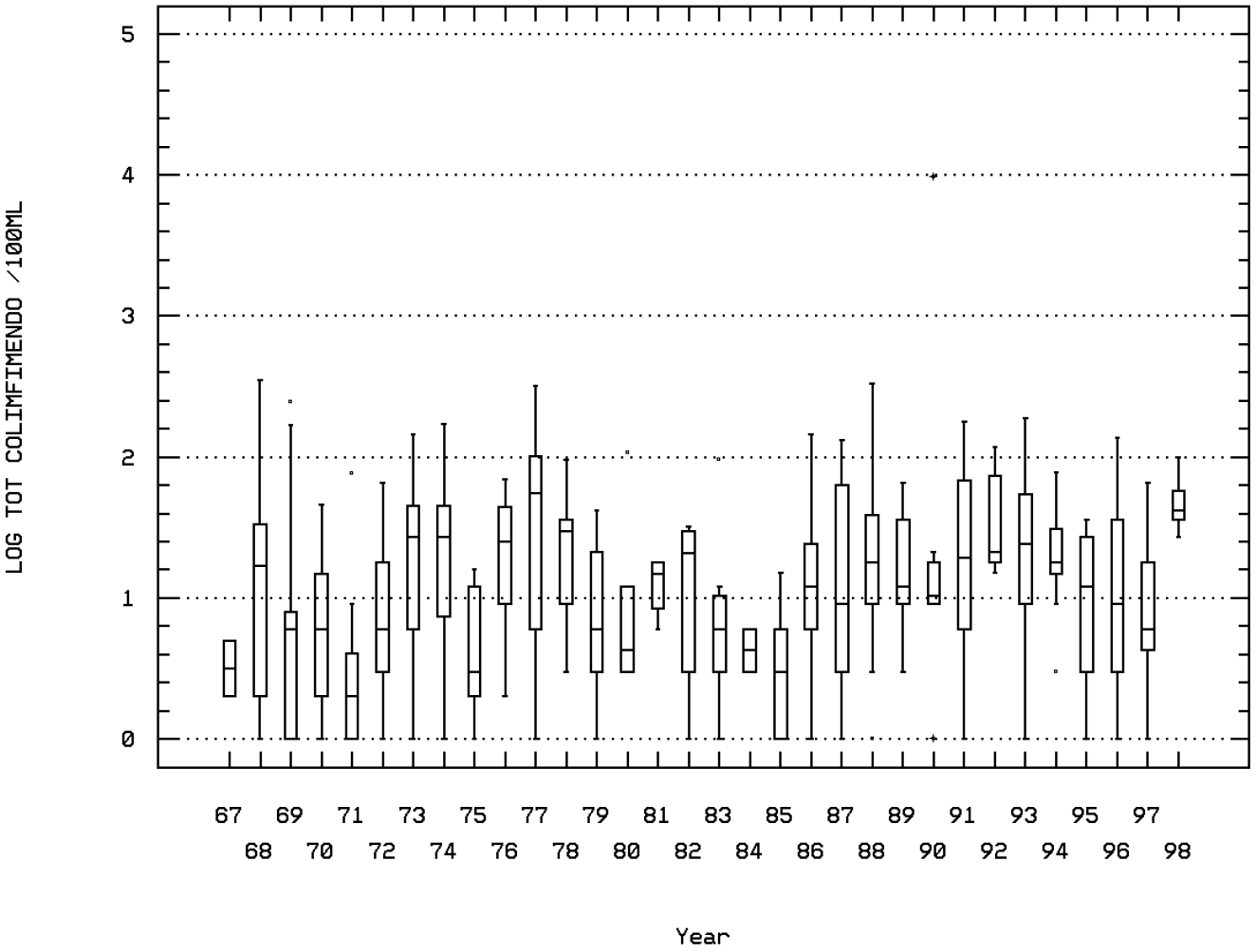
Annual Analysis for 1998 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	6	42.	50.5	99.	27.	674.7	25.975	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	6	1.619	1.663	1.996	1.431	0.039	0.198	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46.003								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	7.5	7.	12.	3.	13.2	3.633	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.866	0.787	1.079	0.477	0.067	0.258	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.119								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	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

Station: LAMR0014 Parameter Code: 31501

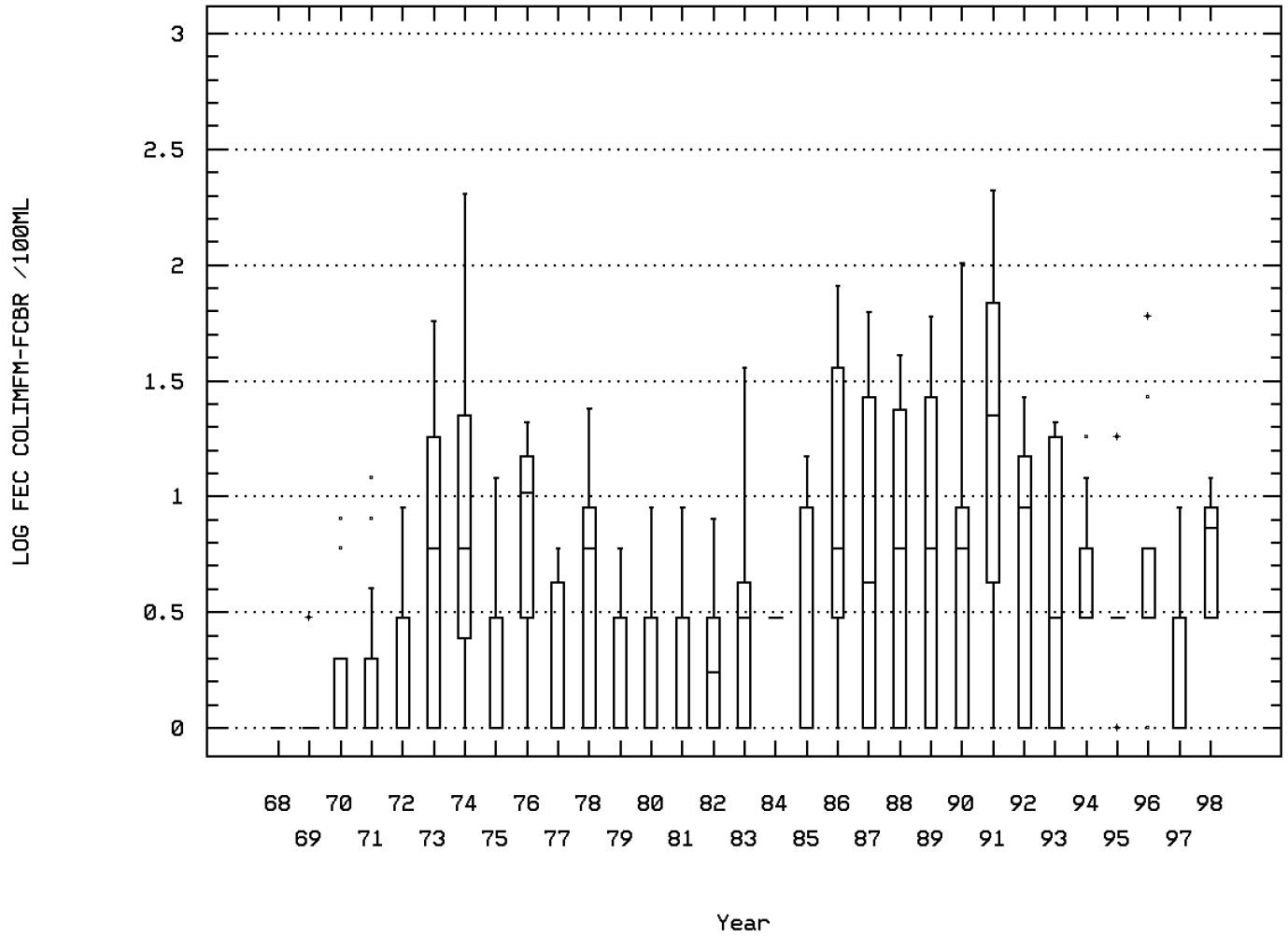
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-SANFORD YAKE MARINA

Station: LAMR0014 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-SANFORD YAKE MARINA

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	280	18.	68.382	9600.	0.	329157.735	573.723	2.	6.	42.75	83.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	280	1.255	1.196	3.982	0.	0.397	0.63	0.301	0.778	1.631	1.921
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.696								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	282	3.	13.277	210.	0.	781.667	27.958	0.	0.	14.25	31.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	282	0.477	0.665	2.322	0.	0.375	0.612	0.	0.	1.154	1.492
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.627								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	243	3.	10.646	108.	0.	321.469	17.93	0.	0.	12.	27.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	243	0.477	0.65	2.033	0.	0.333	0.577	0.	0.	1.079	1.431
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.464								

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

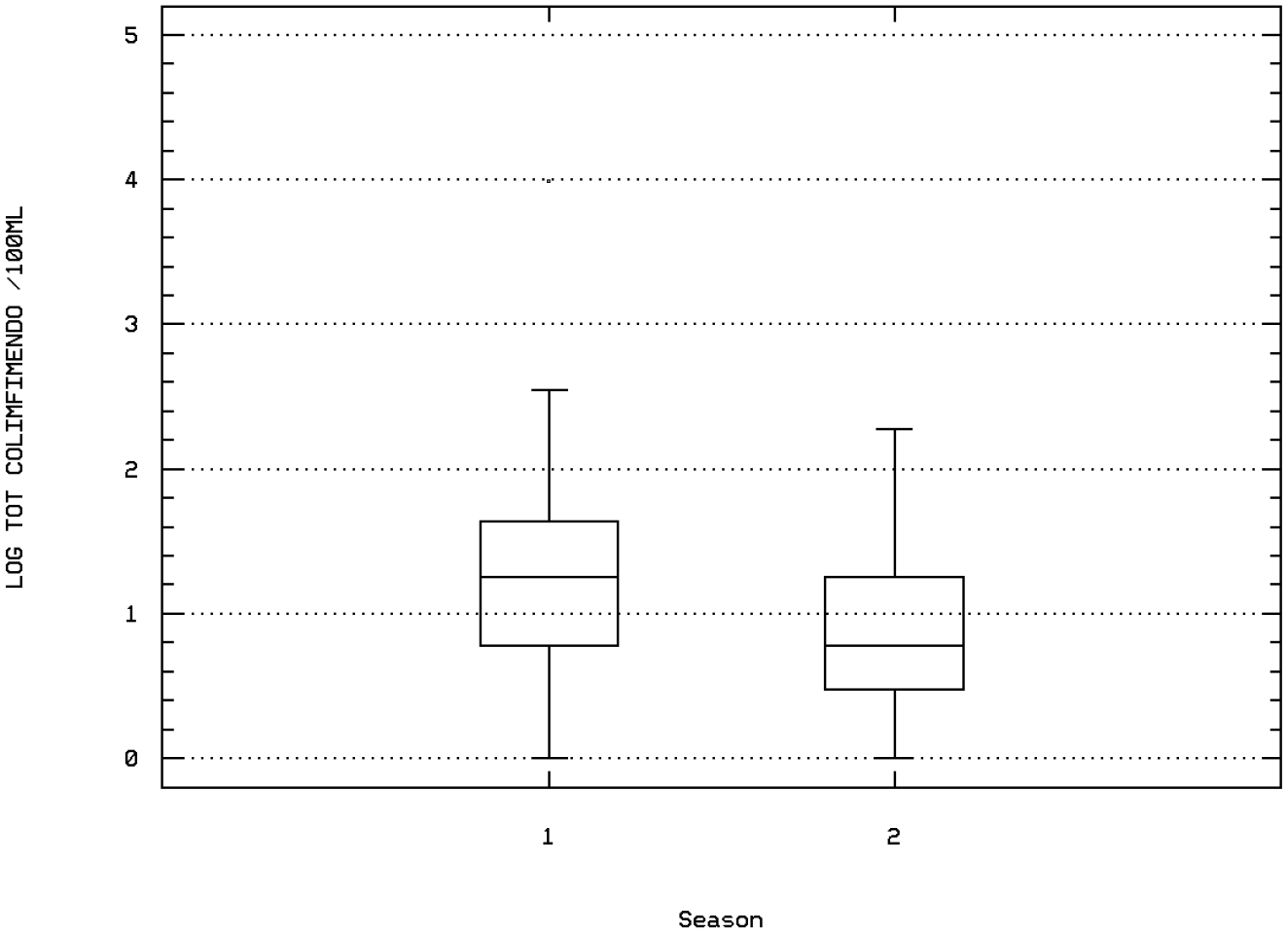
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	131	6.	18.069	189.	0.	974.188	31.212	0.	3.	18.	45.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	131	0.778	0.832	2.276	0.	0.369	0.608	0.	0.477	1.255	1.653
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.787								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	124	0.	5.048	71.	0.	129.412	11.376	0.	0.	5.25	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	124	0.	0.378	1.851	0.	0.238	0.488	0.	0.	0.703	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.385								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	107	0.	4.654	105.	0.	171.549	13.098	0.	0.	3.	12.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	107	0.	0.353	2.021	0.	0.213	0.462	0.	0.	0.477	1.079
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.257								

** - Less than 9 observations ## - Computed 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: LAMR0014 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-SANFORD YAKE MARINA

Station Inventory for Station: LAMR0015

NPS Station ID: LAMR0015
LAT/LON: 35.716670/-101.556671
Agency: 21TXWQB
Date Created: 07/23/94
Location: LAKE MEREDITH AT DAM
FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): 10036 /0102.0100 /102.1000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Canadian River Basin
ECO Region: 26M
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LAKE MEREDITH NEAR INTAKE TOWER AT DAM NW OF SANFORD

Parameter Inventory for Station: LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	1368	25.	30.532	249.	0.	720.167	26.836	1.	2.	50.	70.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	668	15.4	15.191	28.3	0.6	60.995	7.81	4.3	8.075	22.5	25.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	434	59.4	59.12	83.	33.	185.154	13.607	39.85	47.5	71.6	76.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/68-08/13/69	8	18.	18.75	32.	7.	99.357	9.968	**	**	**	**
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	09/02/69-05/10/76	24	69.	66.875	91.	36.	323.94	17.998	39.5	49.25	82.	90.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	86	83.7	83.734	95.6	66.8	19.299	4.393	78.38	80.475	87.2	88.73
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	68	5.5	11.735	110.	0.	301.056	17.351	0.95	5.	12.	25.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/09/76-01/31/89	44	72.	84.	246.	14.	2811.023	53.019	33.	48.5	99.75	141.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/89-08/18/97	20	1.9	2.05	4.75	0.8	0.868	0.932	1.03	1.4	2.675	3.35
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	543	1861.	1832.7	8950.	135.	432001.166	657.268	1317.4	1600.	2000.	2240.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	163	1980.	2004.012	2980.	1204.	74718.247	273.346	1680.	1815.	2174.	2361.6
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	680	8.55	8.593	18.2	0.	7.227	2.688	5.9	7.4	10.2	11.98
00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/68-06/18/73	46	1.5	1.717	6.5	0.25	1.327	1.152	0.5	1.	2.	3.5
00335	COD, .025N K2CR2O7 MG/L	08/24/79-05/10/88	31	15.	16.91	65.	2.5	175.5	13.248	3.	6.	20.	32.4
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/19/79-07/17/84	7	33500.	31514.286	36710.	22614.	23342707.238	4831.429	**	**	**	**
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	504	8.4	8.371	10.4	6.8	0.168	0.41	7.9	8.2	8.6	8.8
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	504	8.4	8.104	10.4	6.8	0.239	0.489	7.9	8.2	8.6	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	504	0.004	0.008	0.158	0.	0.	0.016	0.002	0.003	0.006	0.013
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	168	8.3	8.272	8.7	7.7	0.036	0.191	8.	8.2	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	168	8.3	8.227	8.7	7.7	0.038	0.196	8.	8.2	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	168	0.005	0.006	0.02	0.002	0.	0.003	0.003	0.004	0.006	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	147	177.	174.395	220.	18.	440.405	20.986	158.	170.	183.	190.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/03/76-06/01/98	63	0.	0.667	4.	0.	1.113	1.055	0.	0.	2.	2.
00440	BICARBONATE ION (MG/L AS HCO3)	05/03/76-06/01/98	65	215.	213.646	232.	183.	98.388	9.919	201.8	209.	221.	226.
00445	CARBONATE ION (MG/L AS CO3)	05/03/76-06/01/98	63	0.	0.77	5.	0.	1.62	1.273	0.	0.	2.	2.
00480	SALINITY - PARTS PER THOUSAND	08/24/79-07/27/93	24	## 1.	0.896	1.	0.6	0.024	0.155	0.65	0.7	1.	1.
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	03/19/79-01/27/88	6	47407.5	50622.667	87774.	31211.	414766367.067	20365.814	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/12/75-11/12/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/12/75-11/12/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/25/72-02/24/98	90	4.5	20.811	1250.	0.5	17224.301	131.241	2.	2.	6.	21.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/08/72-02/24/98	87	1.	3.454	59.	0.	46.655	6.83	0.5	1.	5.	6.2
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/19/79-08/21/96	10	750.	1593.	5200.	57.	3409887.778	1846.588	65.2	439.75	2868.25	5137.3
00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	08/21/96-08/18/97	3	## 0.05	0.63	1.79	0.05	1.009	1.005	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/25/72-02/24/98	91	## 0.04	0.052	0.52	0.005	0.005	0.073	0.01	0.01	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/30/88-01/20/98	15	## 0.	0.004	0.01	0.	0.	0.004	0.	0.	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/72-06/01/98	142	## 0.01	0.053	0.9	0.005	0.011	0.107	0.005	0.01	0.04	0.2

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

Parameter Inventory for Station: LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/24/79-02/24/98	55	0.48	0.79	8.	0.07	1.293	1.137	0.256	0.34	0.9	1.386
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	03/19/79-01/27/88	9	1770.	2049.	5121.	685.	1512920.75	1230.008	685.	1497.	2075.5	5121.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/79-02/24/98	40 ##	0.01	0.022	0.2	0.	0.001	0.038	0.005	0.01	0.02	0.03
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/25/72-07/02/85	55	0.06	0.149	2.45	0.015	0.161	0.401	0.015	0.03	0.09	0.174
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/25/73-07/02/85	49 ##	0.015	0.026	0.09	0.015	0.	0.016	0.015	0.015	0.03	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/25/72-02/24/98	91	0.02	0.044	0.8	0.005	0.011	0.106	0.006	0.01	0.03	0.078
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/19/79-01/27/88	9	710.	881.	1664.	228.	181791.	426.37	228.	650.	1193.5	1664.
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/73-05/15/96	80 ##	0.01	0.011	0.1	0.005	0.	0.014	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/24/98	83	4.	4.875	45.3	0.5	26.493	5.147	1.	3.	5.2	6.92
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/10/95-07/10/95	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	66	265.	256.212	303.	184.	764.17	27.644	204.9	244.75	274.	285.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/03/76-06/01/98	72	58.75	57.774	92.	43.	45.821	6.769	49.	55.	60.	64.
00916	CALCIUM, TOTAL (MG/L AS CA)	08/21/96-08/21/96	1	50.4	50.4	50.4	50.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/03/76-06/01/98	72	28.	27.343	36.	14.	22.127	4.704	20.	24.25	31.	32.35
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/21/96-08/21/96	1	31.1	31.1	31.1	31.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	108	286.5	284.683	392.	198.	2849.852	53.384	220.7	231.	327.5	363.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/03/93-11/10/93	4	5.875	6.055	7.47	5.	1.07	1.035	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	237	332.	326.705	470.	30.	3738.082	61.14	250.	277.5	368.	405.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/15/72-11/12/75	22	290.	285.682	350.	240.	1207.846	34.754	240.	250.	302.5	347.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	200	272.	266.96	382.	158.	1356.591	36.832	220.1	242.	292.	307.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/03/76-06/01/98	65	0.8	0.758	0.9	0.6	0.006	0.076	0.7	0.7	0.8	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/03/93-11/10/93	4	10.	10.4	11.8	9.8	0.88	0.938	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/21/94-02/24/98	6	4.5	4.167	6.	2.	3.367	1.835	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/16/74-08/21/96	3 ##	5.	4.5	6.	2.5	3.25	1.803	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/19/79-08/21/96	11	6.1	13.245	52.	2.4	300.814	17.344	2.506	5.4	7.3	50.4
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	07/22/83-04/18/96	6 ##	0.293	0.568	1.45	0.1	0.326	0.571	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/16/74-07/16/74	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/13/80-08/21/96	9	337.	311.526	466.	1.43	19014.074	137.892	1.43	257.	415.15	466.
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	02/16/82-07/17/84	3	15.	15.333	28.	3.	156.333	12.503	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/21/94-02/24/98	6 ##	2.	2.	2.5	1.5	0.1	0.316	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/16/74-08/21/96	2 ##	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/19/79-08/21/96	11 ##	0.25	1.421	8.	0.005	6.083	2.466	0.02	0.1	2.	7.16
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/19/79-08/21/96	11	36.	52.764	239.	15.	3963.069	62.953	15.46	23.	46.	202.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/21/94-02/24/98	6 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/16/74-08/21/96	2 ##	25.75	25.75	50.	1.5	1176.125	34.295	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/21/94-02/24/98	6 ##	2.	1.833	2.	1.5	0.067	0.258	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/16/74-08/21/96	2 ##	26.	26.	50.	2.	1152.	33.941	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/19/79-08/21/96	11	25.	26.882	61.	13.8	143.33	11.972	15.22	21.	27.	54.4
01045	IRON, TOTAL (UG/L AS FE)	07/16/74-07/16/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/21/94-02/24/98	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/16/74-08/21/96	2 ##	12.75	12.75	25.	0.5	300.125	17.324	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/19/79-08/21/96	11	16.	20.593	65.	0.5	379.135	19.471	1.212	5.	38.	60.
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/19/79-08/21/96	11	540.	484.545	600.	303.	11137.673	105.535	305.4	419.	570.	594.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/16/74-07/16/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/21/94-02/24/98	6 ##	4.5	4.833	5.5	4.5	0.267	0.516	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/16/74-08/21/96	2 ##	27.25	27.25	50.	4.5	1035.125	32.173	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/19/79-08/21/96	11	30.	29.6	41.	16.	55.92	7.478	16.52	26.	34.	40.4
01075	SILVER, DISSOLVED (UG/L AS AG)	11/21/94-02/24/98	6 ##	0.25	0.292	0.5	0.25	0.01	0.102	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/16/74-08/21/96	2 ##	12.625	12.625	25.	0.25	306.281	17.501	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	03/19/79-08/21/96	11 ##	0.5	1.209	4.	0.1	1.551	1.246	0.126	0.265	2.	3.7
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/94-02/24/98	6 ##	2.	8.5	31.	1.5	141.8	11.908	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/16/74-08/21/96	2 ##	25.75	25.75	50.	1.5	1176.125	34.295	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/19/79-08/21/96	11	74.	73.4	109.	36.4	519.408	22.791	38.32	55.	90.	107.2
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/21/96-08/21/96	1	76.	76.	76.	76.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/21/94-02/24/98	6 ##	17.	18.083	20.5	17.	2.842	1.686	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/21/96-08/21/96	1	17300.	17300.	17300.	17300.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/21/94-02/24/98	6 ##	1.	1.167	2.	1.	0.167	0.408	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/16/74-02/24/98	4 ##	1.	3.75	12.5	0.5	34.083	5.838	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	03/19/79-08/21/96	11 ##	0.5	0.621	1.6	0.1	0.314	0.56	0.1	0.1	1.	1.6
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	04/30/85-04/18/96	6 ##	0.305	0.618	2.27	0.25	0.656	0.81	**	**	**	**
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	11/21/94-07/10/95	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	158	3.	14.206	480.	0.	2287.484	47.828	0.	0.5	12.	27.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	158	0.477	0.607	2.681	-0.301	0.407	0.638	0.	-0.301	1.079	1.431

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

Parameter Inventory for Station: LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.048								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-03/12/73	5	160.	154.4	300.	51.	10681.3	103.35	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/15/72-03/12/73	5	2.204	2.095	2.477	1.708	0.112	0.334	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			124.461								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	231 ##	3.	7.95	980.	0.5	4152.238	64.438	0.5	0.5	5.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	231 ##	0.477	0.324	2.991	-0.301	0.28	0.529	-0.301	-0.301	0.699	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.107								
31619	FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,48HR	09/26/72-09/26/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31619	LOG FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,4	09/26/72-09/26/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31619	GM FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,48	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	150	0.5	3.137	57.	0.	52.953	7.277	0.	0.	3.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	150	-0.301	0.139	1.756	-0.301	0.259	0.509	0.	0.	0.477	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.379								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/25/72-02/24/98	91	2.	3.389	24.	0.1	18.065	4.25	0.5	1.41	3.9	5.9
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/09/76-02/24/98	73 ##	0.5	1.027	8.84	0.	2.244	1.498	0.1	0.1	1.	3.
32734	PHENOLICS,TISSUE,WET WEIGHT,MG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34204	ACENAPHTHYLENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34209	ACENAPHTHENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34241	BENZIDINE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34380	FLUORANTHENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34400	HEXACHLOROETHANE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34412	ISOPHORONE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34451	NITROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34473	PYRENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34595	2-NITROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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Parameter Inventory for Station: LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34650	4-NITROPHENOL WET WGTTISMG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	07/22/83-06/28/88	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	07/22/83-06/28/88	5 ##	0.005	0.004	0.01	0.	0.	0.004	**	**	**	**
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	07/22/83-07/22/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	07/22/83-06/28/88	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	07/22/83-06/28/88	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	07/22/83-06/28/88	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	07/22/83-06/28/88	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	07/22/83-06/28/88	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/24/79-01/27/88	8 ##	0.563	3.92	25.	0.01	73.604	8.579	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	07/22/83-06/28/88	5 ##	0.005	0.003	0.005	0.	0.	0.003	**	**	**	**
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	08/24/79-01/27/88	8 ##	1.323	1.322	2.5	0.1	1.387	1.178	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	07/22/83-06/28/88	5 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	08/24/79-01/27/88	8 ##	1.318	1.333	2.5	0.1	1.356	1.164	**	**	**	**
39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	02/16/82-01/27/88	5 ##	0.075	0.057	0.095	0.005	0.002	0.042	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	07/22/83-06/28/88	5 ##	0.005	0.003	0.005	0.	0.	0.003	**	**	**	**
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	08/24/79-01/27/88	8 ##	0.083	0.976	2.5	0.02	1.593	1.262	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	07/22/83-06/28/88	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	07/22/83-06/28/88	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/24/79-01/27/88	8 ##	0.087	0.228	0.5	0.03	0.051	0.226	**	**	**	**
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	08/24/79-07/17/84	6 ##	150.	4136.917	23001.	5.5	85658455.842	9255.185	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/24/79-07/17/84	6 ##	25.	739.167	2417.	17.	1255064.967	1120.297	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.165	0.649	1.5	0.055	0.498	0.706	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	07/22/83-06/28/88	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.2	1.037	2.5	0.06	1.47	1.212	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	07/22/83-06/28/88	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.18	0.65	1.5	0.045	0.497	0.705	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	07/22/83-06/28/88	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.213	1.044	2.5	0.065	1.456	1.207	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.75	0.603	1.46	0.04	0.236	0.486	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	07/22/83-06/28/88	5	0.03	0.038	0.08	0.01	0.001	0.028	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	07/22/83-06/28/88	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.118	0.98	2.5	0.015	1.586	1.259	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	07/22/83-06/28/88	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.128	0.15	0.25	0.035	0.008	0.089	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/24/79-01/27/88	8 ##	2.393	2.539	5.	0.1	6.03	2.456	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.213	1.602	4.	0.065	3.946	1.986	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8 ##	1.153	1.541	3.25	0.04	2.225	1.492	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.2	1.599	4.	0.06	3.954	1.988	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/22/83-06/28/88	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/79-01/27/88	8 ##	0.143	0.443	1.	0.045	0.214	0.463	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.165	0.643	1.5	0.055	0.505	0.711	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/79-01/27/88	8 ##	2.885	10.393	25.	0.405	147.099	12.128	**	**	**	**
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	07/22/83-06/28/88	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.173	0.169	0.335	0.03	0.013	0.115	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/24/79-01/27/88	8 ##	0.115	0.241	0.5	0.035	0.047	0.217	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/24/79-01/27/88	8 ##	0.453	2.025	5.	0.05	6.118	2.473	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/22/83-06/28/88	5 ##	0.02	0.05	0.11	0.02	0.002	0.042	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	5.988	9.738	29.015	0.835	117.399	10.835	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/14/86-01/27/88	2 ##	0.623	0.623	1.06	0.185	0.383	0.619	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.33	0.709	1.5	0.085	0.436	0.66	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/79-01/27/88	8 ##	1.538	1.529	2.5	0.35	0.826	0.909	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.33	0.703	1.5	0.07	0.445	0.667	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.173	0.253	0.5	0.035	0.046	0.214	**	**	**	**
39704	HEXACHLOROBUTADIENE IN FISH OR ANIMAL WET WGT UG/K	07/22/83-07/22/83	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	2.26	10.073	25.	0.005	153.551	12.392	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	1.033	2.204	5.	0.005	5.515	2.348	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	1.708	2.379	5.	0.05	5.38	2.319	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/79-01/27/88	8 ##	0.298	0.364	1.13	0.03	0.141	0.376	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	11/21/94-02/24/98	6	268.5	266.667	285.	242.	207.867	14.418	**	**	**	**

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

Parameter Inventory for Station: LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
50087	SIMULTANEOUSLY EXTRACTED METALS, TOT SED MMOL/KG	08/21/96-08/21/96	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
50088	ACID VOLATILE SULFIDE TOT SED MMOL/KG	08/21/96-08/21/96	1	5.05	5.05	5.05	5.05	0.	0.	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	01/12/87-11/09/92	24	1183.5	1203.333	1336.	1039.	6222.754	78.884	1112.	1140.5	1278.5	1319.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/77-02/24/98	60	1150.	1149.767	1560.	821.	23395.47	152.956	923.1	1048.75	1260.	1320.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/15/97-06/01/98	4	1188.	1188.	1213.	1163.	497.333	22.301	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/21/96-08/18/97	3 ##	0.03	0.037	0.05	0.03	0.	0.012	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/21/94-02/24/98	6 ##	0.008	0.014	0.03	0.005	0.	0.012	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/16/74-02/24/98	7 ##	0.02	0.049	0.25	0.005	0.008	0.089	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/19/79-08/21/96	11	0.02	0.036	0.1	0.01	0.001	0.032	0.01	0.01	0.05	0.098
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/27/75-04/18/96	19	0.09	0.124	0.29	0.03	0.007	0.083	0.04	0.05	0.19	0.28
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/22/83-04/18/96	7 ##	0.35	0.555	1.05	0.285	0.115	0.339	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/22/83-04/18/96	7 ##	0.35	0.496	1.07	0.25	0.086	0.293	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	07/22/83-04/18/96	7 ##	0.35	0.41	0.82	0.25	0.041	0.201	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/22/83-04/18/96	7 ##	0.2	0.177	0.25	0.04	0.005	0.073	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/16/69-03/21/79	18	89.65	88.811	95.1	80.17	27.175	5.213	81.979	83.115	94.1	95.01
72053	DAYS SINCE PRECIPITATION EVENT DAYS	02/23/90-08/18/97	19	5.	10.684	40.	2.	153.561	12.392	2.	3.	17.	39.
78877	DIPHENYLAMINE IN TISSUE, WET WEIGHT MG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
79035	CHLOROPHENOL TISWETWTMG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
79036	4-CHLORO-3-CRESOL TISWETWTMG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
79037	2,6-DINITRO-2-CRESOL TISWETWTMG/KG	07/22/83-07/22/83	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
79039	BENZO(J)FLUORANTHENE TISWETWTMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
79041	BENZO(GHI)PERYLENE TISWETWTMG/KG	07/22/83-07/22/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/21/96-08/21/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	08/21/96-08/21/96	1	45.5	45.5	45.5	45.5	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/22/83-06/28/88	4	5.	5.75	9.	4.	5.583	2.363	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/22/83-06/28/88	5	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	07/22/83-06/28/88	5 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	07/10/95-04/18/96	2	28.35	28.35	55.7	1.	1496.045	38.679	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	07/22/83-06/28/88	5	0.03	0.038	0.08	0.01	0.001	0.028	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	07/22/83-06/28/88	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	08/21/96-08/21/96	1	37900.	37900.	37900.	37900.	0.	0.	**	**	**	**
82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/21/96-08/21/96	1	34.	34.	34.	34.	0.	0.	**	**	**	**
82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/21/96-08/21/96	1	34.04	34.04	34.04	34.04	0.	0.	**	**	**	**
82394	HARDNESS,TOTAL CALCULATED(CA,MG,FE) AS CACO3 MG/L	08/21/96-08/21/96	1	253.	253.	253.	253.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0015

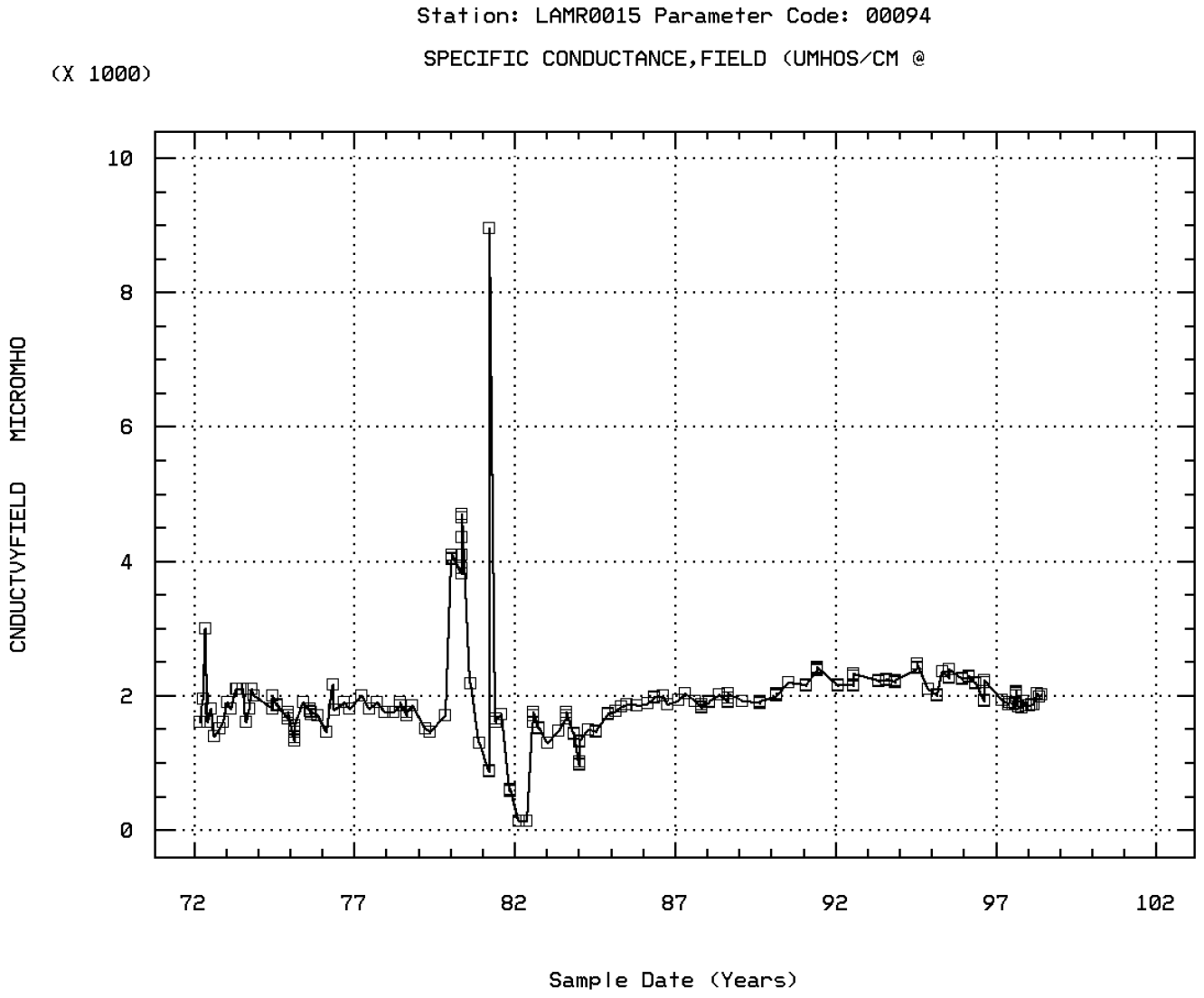
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	68	4	0.06	40	2	0.05	28	2	0.07						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	677 &	37	0.05	416	37	0.09	261	0	0.00						
00400	PH	Fresh Chronic	9.	504	25	0.05	292	10	0.03	212	15	0.07						
		Other-Lo Lim.	6.5	504	0	0.00	292	0	0.00	212	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	168	0	0.00	95	0	0.00	73	0	0.00						
		Other-Lo Lim.	6.5	168	0	0.00	95	0	0.00	73	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	15	0	0.00	8	0	0.00	7	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	142	0	0.00	83	0	0.00	59	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	40	0	0.00	22	0	0.00	18	0	0.00						
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	237	0	0.00	135	0	0.00	102	0	0.00						
		Drinking Water	250.	237	217	0.92	135	127	0.94	102	90	0.88						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	22	0	0.00	15	0	0.00	7	0	0.00						
		Drinking Water	250.	22	19	0.86	15	15	1.00	7	4	0.57						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	200	142	0.71	113	82	0.73	87	60	0.69						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	65	0	0.00	37	0	0.00	28	0	0.00						

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

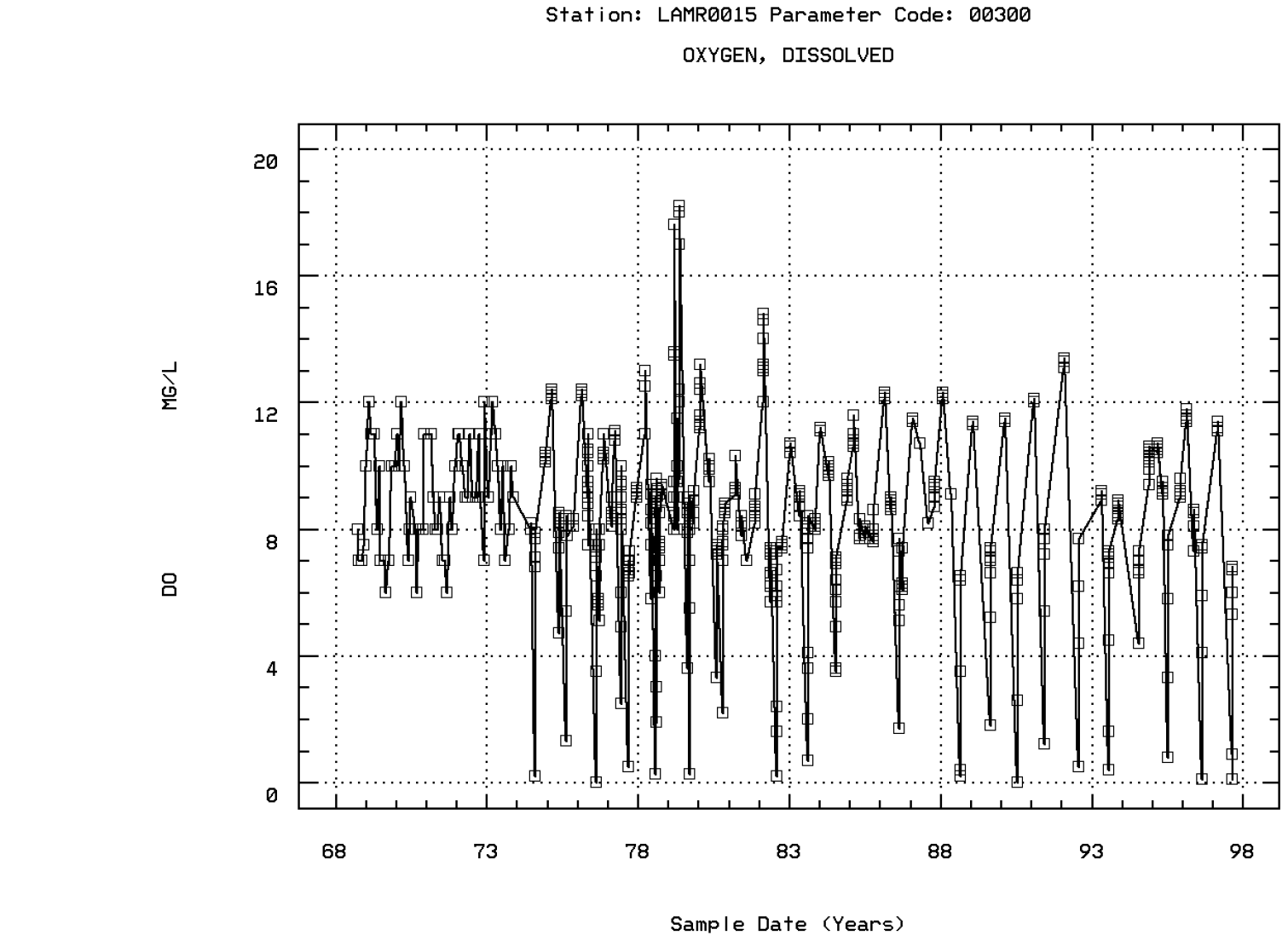
EPA Water Quality Criteria Analysis for Station: LAMR0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	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									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1 &	0	0.00	1	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	1 &	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	1 &	0	0.00	1	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	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									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01220	CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	158	0	0.00	88	0	0.00	70	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	3	0	0.00	2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	231	1	0.00	129	1	0.01	102	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	2.	6	0	0.00	3	0	0.00	3	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	4	0	0.00	3	0	0.00						
		Drinking Water	2.	7	0	0.00	4	0	0.00	3	0	0.00						

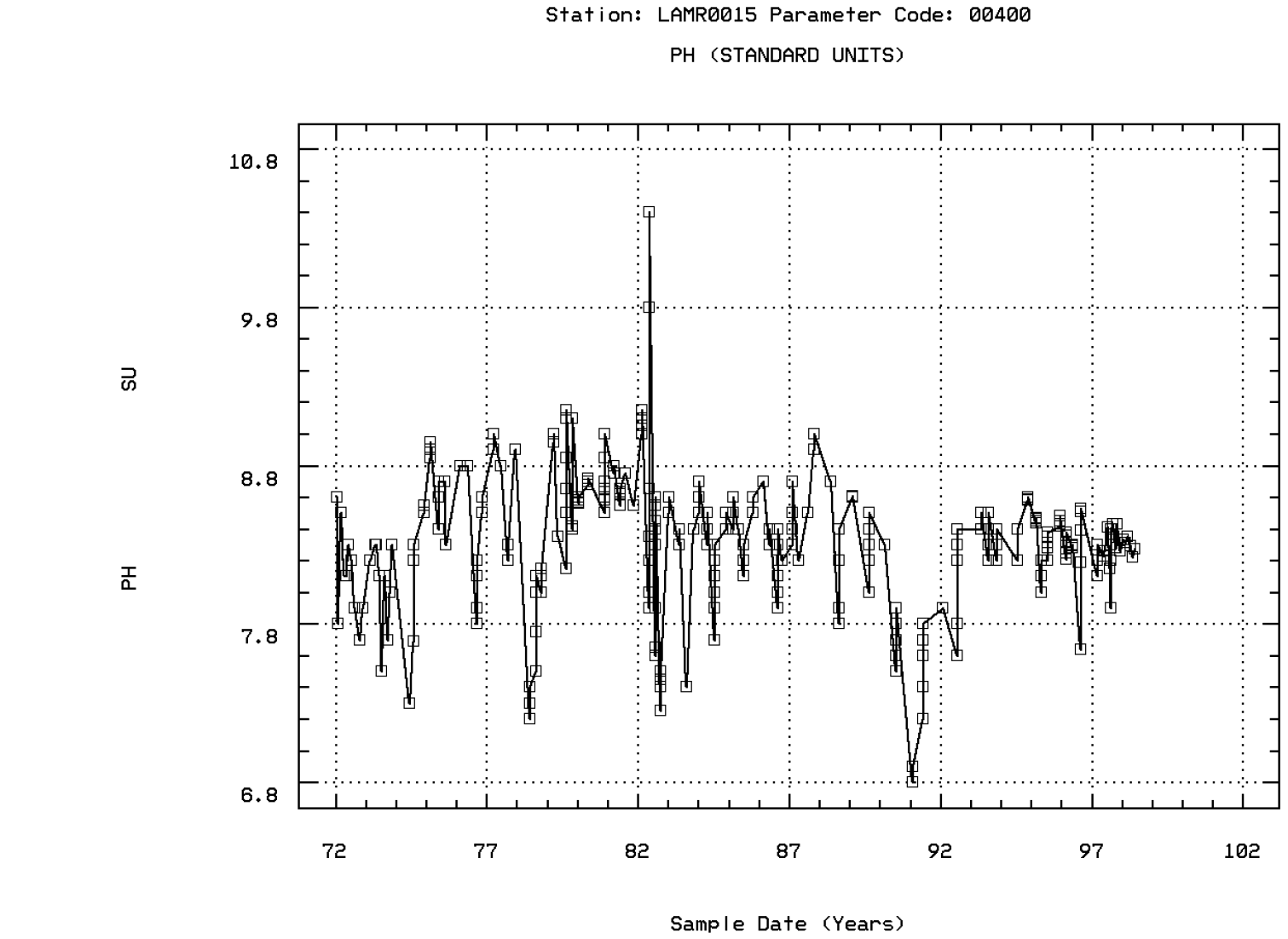
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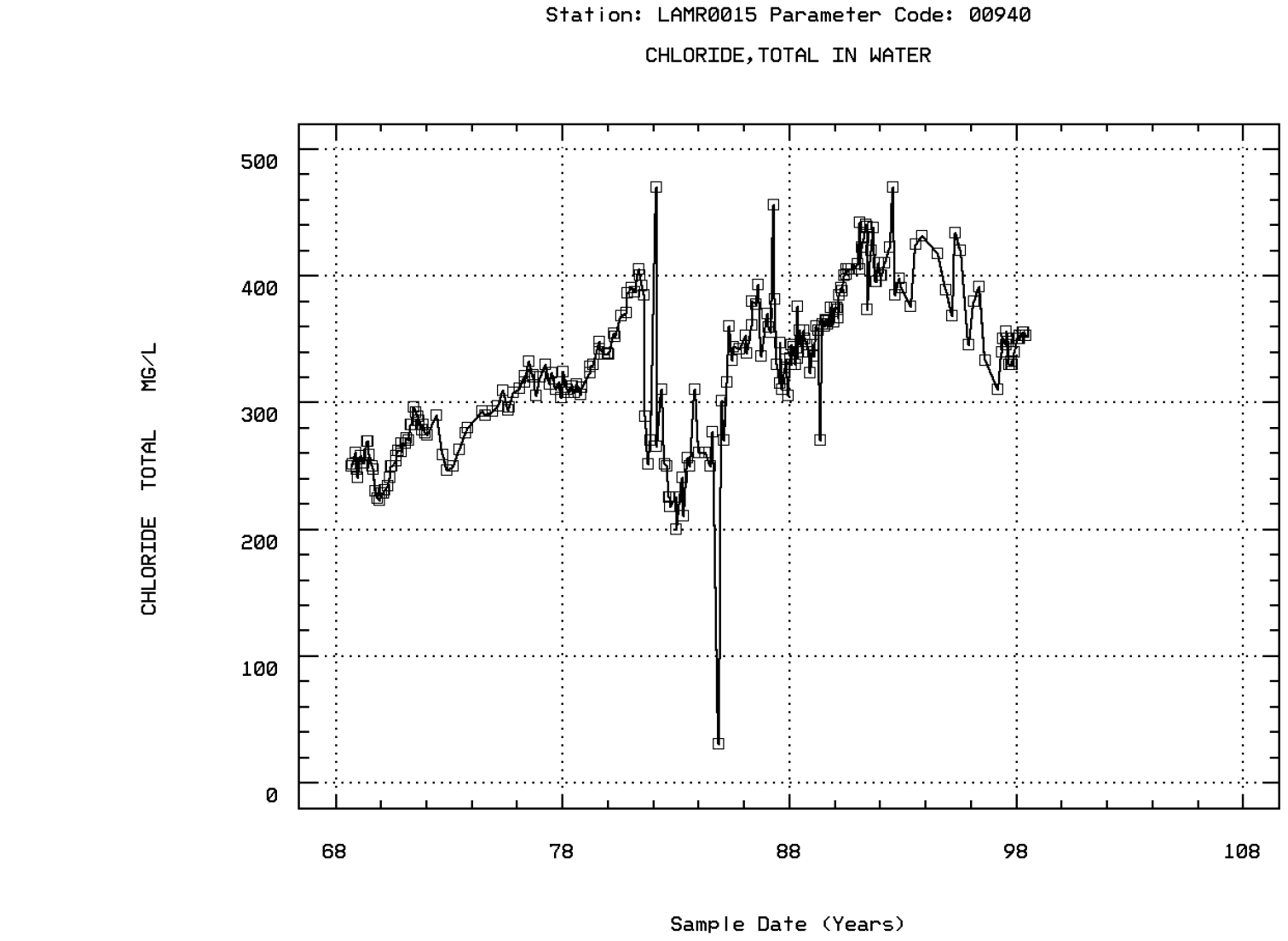
LAKE MEREDITH AT DAM



LAKE MEREDITH AT DAM



LAKE MEREDITH AT DAM



LAKE MEREDITH AT DAM

Annual Analysis for 1968 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	4	1.	12.	45.	1.	484.	22.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	2	10.	10.	13.	7.	18.	4.243	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	2	50.	50.	55.4	44.6	58.32	7.637	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	3	80.5	80.7	81.6	80.	0.67	0.819	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	3	5.	4.667	9.	0.	20.333	4.509	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	4	1886.5	1875.5	1914.	1815.	1976.333	44.456	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	4	7.25	7.375	8.	7.	0.229	0.479	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	4	8.45	8.425	8.6	8.2	0.029	0.171	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	4	8.447	8.399	8.6	8.2	0.03	0.173	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	4	0.004	0.004	0.006	0.003	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	4	250.5	252.	260.	247.	31.333	5.598	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	4	254.	259.5	292.	238.	569.	23.854	**	**	**	**

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

Annual Analysis for 1969 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	11	21.1	16.4	27.	4.5	72.204	8.497	4.6	6.7	23.	26.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	11	70.	61.518	80.6	40.1	234.014	15.298	40.28	44.	73.4	79.88
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	10	80.05	84.1	95.6	78.8	44.536	6.673	78.82	79.375	89.875	95.56
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	12	5.	6.083	20.	0.	41.72	6.459	0.	1.	10.	18.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	12	1820.5	1792.083	1892.	1602.	9546.083	97.704	1602.	1753.5	1856.75	1888.7
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	12	10.	9.083	12.	6.	3.902	1.975	6.3	7.	10.75	11.7
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	12	8.3	8.325	8.7	8.1	0.026	0.16	8.13	8.2	8.4	8.64
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	12	8.3	8.301	8.7	8.1	0.026	0.162	8.13	8.2	8.4	8.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	12	0.005	0.005	0.008	0.002	0.	0.002	0.002	0.004	0.006	0.007
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	12	251.	247.833	269.	223.	246.697	15.707	223.3	232.75	258.75	269.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	4	246.	244.5	261.	225.	235.667	15.351	**	**	**	**

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

Annual Analysis for 1970 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	11	10.6	14.4	27.2	3.9	61.38	7.835	4.46	7.8	21.1	26.54
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	11	51.	57.909	81.	39.	199.291	14.117	40.	46.	70.	79.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	11	12.	14.818	30.	5.	60.964	7.808	5.6	9.	20.	29.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	12	1728.5	1757.917	1848.	1647.	4968.629	70.489	1659.9	1707.75	1842.5	1848.
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	12	8.5	9.	12.	6.	3.273	1.809	6.3	8.	10.75	11.7
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	12	8.3	8.342	8.7	8.2	0.032	0.178	8.2	8.2	8.375	8.7
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	12	8.3	8.314	8.7	8.2	0.033	0.181	8.2	8.2	8.375	8.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	12	0.005	0.005	0.006	0.002	0.	0.002	0.002	0.004	0.006	0.006
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	12	250.	247.083	268.	228.	202.992	14.248	228.	231.75	260.25	266.2
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	12	232.	227.333	244.	195.	211.879	14.556	197.7	222.25	238.	242.8

** - 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

Annual Analysis for 1971 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	10	17.2	16.33	26.7	6.1	68.107	8.253	6.21	7.65	24.7	26.59
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	10	63.	61.4	80.	43.	220.489	14.849	43.2	45.75	76.5	79.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	11	5.	6.455	15.	1.	25.873	5.087	1.	1.	10.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	12	1953.5	1959.833	2057.	1881.	3177.242	56.367	1887.6	1906.5	2009.5	2043.8
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	11	8.	8.364	11.	6.	2.055	1.433	6.2	7.	9.	10.8
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	12	8.4	8.375	8.6	8.	0.026	0.16	8.06	8.3	8.5	8.57
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	12	8.4	8.345	8.6	8.	0.027	0.163	8.06	8.3	8.5	8.57
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	12	0.004	0.005	0.01	0.003	0.	0.002	0.003	0.003	0.005	0.009
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	12	282.	281.083	296.	268.	76.629	8.754	268.6	273.	288.25	294.8
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	12	260.	252.167	289.	226.	560.515	23.675	226.	226.	266.75	288.1

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Annual Analysis for 1972 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	12	18.9	14.217	25.	0.6	93.198	9.654	0.75	3.45	22.9	24.49
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	12	66.	57.583	77.	33.	302.083	17.381	33.3	38.25	73.25	76.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	12	8.5	10.25	40.	0.	110.386	10.506	0.3	5.	13.75	32.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	8	1600.	1806.25	3000.	1400.	261741.071	511.606	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	4	1840.	1841.5	1936.	1750.	6835.667	82.678	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	12	9.5	9.833	12.	7.	1.97	1.403	7.6	9.	11.	11.7
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	10	8.1	8.11	8.6	7.7	0.088	0.296	7.71	7.875	8.35	8.59
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	10	8.1	8.028	8.6	7.7	0.095	0.309	7.71	7.875	8.35	8.59
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	10	0.008	0.009	0.02	0.003	0.	0.006	0.003	0.005	0.013	0.02
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	4	8.15	8.175	8.6	7.8	0.149	0.386	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	4	8.082	8.059	8.6	7.8	0.167	0.409	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	4	0.008	0.009	0.016	0.003	0.	0.007	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	4	266.5	267.25	290.	246.	360.917	18.998	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	4	223.	219.75	253.	180.	908.25	30.137	**	**	**	**
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1973 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	11	15.	17.009	28.3	6.1	61.567	7.846	6.54	10.	26.1	27.98
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	11	59.	62.636	83.	43.	199.455	14.123	43.8	50.	79.	82.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	11	7.	29.273	110.	5.	1264.818	35.564	5.	5.	60.	100.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	9	2000.	1944.444	2100.	1600.	32777.778	181.046	1600.	1800.	2100.	2100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	4	1812.5	1820.	1925.	1730.	6416.667	80.104	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	11	10.	9.545	12.	7.	2.273	1.508	7.2	8.	11.	11.8
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	9	8.1	8.056	8.3	7.5	0.08	0.283	7.5	7.85	8.3	8.3
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	9	8.1	7.959	8.3	7.5	0.091	0.301	7.5	7.85	8.3	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	9	0.008	0.011	0.032	0.005	0.	0.009	0.005	0.005	0.015	0.032
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	4	8.35	8.225	8.5	7.7	0.129	0.359	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	4	8.347	8.095	8.5	7.7	0.152	0.389	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	4	0.004	0.008	0.02	0.003	0.	0.008	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	4	269.5	267.25	280.	250.	184.917	13.598	**	**	**	**

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Annual Analysis for 1973 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	4	250.	249.5	271.	227.	325.667	18.046	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	1	480.	480.	480.	480.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	1	2.681	2.681	2.681	2.681	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			480.								

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Annual Analysis for 1974 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	26	35.	38.346	90.	1.	877.675	29.626	1.	10.	62.5	82.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	13	20.8	16.492	23.4	9.4	47.117	6.864	9.4	9.4	23.2	23.4
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	13	69.5	61.723	74.2	49.	152.349	12.343	49.	49.	73.75	74.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	2	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	14	1825.	1801.786	2000.	1650.	13698.489	117.041	1650.	1687.5	1856.25	2000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	3	1991.	2024.	2112.	1969.	5929.	77.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	13	8.2	8.269	10.4	0.2	7.764	2.786	2.84	7.4	10.3	10.36
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	12	8.4	8.27	8.55	7.3	0.158	0.397	7.417	8.2	8.55	8.55
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	12	8.389	8.036	8.55	7.3	0.217	0.466	7.417	8.2	8.55	8.55
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	12	0.004	0.009	0.05	0.003	0.	0.014	0.003	0.003	0.006	0.041
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	3	8.4	8.367	8.4	8.3	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	3	8.4	8.364	8.4	8.3	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	3	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	3	293.	292.	293.	290.	3.	1.732	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	3	278.	276.	283.	267.	67.	8.185	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	2 ##	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	2 ##	0.5	0.5	0.699	0.301	0.079	0.281	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.162								

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Annual Analysis for 1975 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	59	20.	31.203	90.	1.	902.199	30.037	1.	3.	60.	80.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	28	16.1	15.204	26.1	3.9	58.342	7.638	3.99	6.625	21.8	25.62
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	28	58.5	58.761	79.	39.	179.411	13.394	39.	43.95	70.275	77.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	27	1725.	1710.185	1900.	1325.	29050.926	170.443	1435.	1550.	1900.	1900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	5	1980.	1996.4	2057.	1947.	2439.3	49.389	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	28	8.3	8.725	12.4	1.3	6.571	2.563	5.33	7.95	11.2	12.31
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	15	8.7	8.703	8.95	8.3	0.037	0.192	8.36	8.6	8.9	8.92
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	15	8.7	8.661	8.95	8.3	0.039	0.197	8.36	8.6	8.9	8.92
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	15	0.002	0.002	0.005	0.001	0.	0.001	0.001	0.001	0.003	0.004
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	5	8.5	8.56	8.7	8.5	0.008	0.089	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	5	8.5	8.553	8.7	8.5	0.008	0.09	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	5	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	5	297.	300.8	309.	294.	50.7	7.12	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	5	277.	278.4	295.	267.	104.8	10.237	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	5	3.	3.2	5.	1.	3.2	1.789	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	5	0.477	0.435	0.699	0.	0.087	0.295	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.724								

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Annual Analysis for 1976 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	93	35.	36.172	82.	1.	713.948	26.72	1.	10.	60.	75.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	47	16.	17.198	25.2	4.4	41.445	6.438	4.94	13.2	22.5	25.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	47	60.8	62.855	77.4	40.	132.158	11.496	40.9	55.7	72.5	77.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	2	86.6	86.6	87.6	85.6	2.	1.414	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	22	1800.	1755.	2160.	1450.	35692.857	188.926	1450.	1697.5	1900.	1900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	7	2160.	2115.143	2240.	1881.	16026.143	126.594	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	49	8.4	8.645	12.4	0.	6.228	2.496	5.7	7.5	10.4	12.3
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	20	8.7	8.555	8.8	7.8	0.109	0.33	7.92	8.275	8.8	8.8
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	20	8.689	8.409	8.8	7.8	0.131	0.363	7.92	8.275	8.8	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	20	0.002	0.004	0.016	0.002	0.	0.004	0.002	0.002	0.006	0.012
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	7	8.3	8.286	8.5	8.	0.031	0.177	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	7	8.3	8.254	8.5	8.	0.033	0.18	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	7	0.005	0.006	0.01	0.003	0.	0.002	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	3	302.	303.667	307.	302.	8.333	2.887	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	7	320.	318.143	332.	305.	74.476	8.63	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	7	290.	285.429	299.	259.	187.286	13.685	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	6	7.5	9.167	18.	3.	37.367	6.113	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	6	0.866	0.874	1.255	0.477	0.097	0.311	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.479								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	5.	4.35	9.	0.5	5.558	2.358	0.65	2.	5.	8.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	0.699	0.545	0.954	-0.301	0.127	0.357	-0.241	0.301	0.699	0.929
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.507								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1977 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	89	35.	34.775	80.	1.	701.199	26.48	1.	7.5	60.	75.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	48	21.05	15.454	24.1	1.1	76.841	8.766	3.	8.	23.5	24.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	39	47.5	56.033	75.2	34.	236.897	15.391	37.4	37.4	71.8	74.3
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	24	1850.	1862.5	2000.	1750.	9619.565	98.079	1750.	1762.5	1975.	2000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	7	2106.	2100.857	2176.	2002.	3820.81	61.813	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	47	8.4	8.03	11.1	0.5	4.093	2.023	6.4	6.8	9.2	10.8
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	16	8.9	8.694	9.	8.2	0.111	0.334	8.2	8.225	8.9	9.
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	16	8.9	8.562	9.	8.2	0.13	0.36	8.2	8.225	8.9	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	16	0.001	0.003	0.006	0.001	0.	0.002	0.001	0.001	0.006	0.006
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	7	8.2	8.186	8.4	7.8	0.038	0.195	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	7	8.2	8.143	8.4	7.8	0.04	0.201	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	7	0.006	0.007	0.016	0.004	0.	0.004	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	3	292.	296.	304.	292.	48.	6.928	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	7	316.	316.714	330.	304.	73.571	8.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	7	281.	285.429	304.	273.	124.952	11.178	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	8	4.5	19.125	84.	0.	946.125	30.759	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	8	0.628	0.742	1.924	0.	0.588	0.767	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.527								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	12 ##	5.	4.417	6.	1.	2.629	1.621	1.	5.	5.	5.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	12 ##	0.699	0.589	0.778	0.	0.076	0.276	0.	0.699	0.699	0.754
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.882								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1978 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	83	25.	31.398	78.	0.	742.681	27.252	1.	3.	60.	71.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	41	23.	20.41	27.8	4.5	37.115	6.092	7.3	18.	24.25	26.84
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	41	71.2	68.412	82.	40.1	118.243	10.874	45.14	64.4	75.2	79.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	24	1850.	1825.	1900.	1700.	4565.217	67.566	1750.	1750.	1900.	1900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	8	2087.5	2085.	2133.	2024.	1476.571	38.426	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	40	8.4	7.79	13.	0.25	7.937	2.817	3.1	7.	9.1	10.86
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	20	7.875	7.748	8.15	7.2	0.127	0.357	7.31	7.4	8.1	8.145
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	20	7.857	7.615	8.15	7.2	0.146	0.382	7.31	7.4	8.1	8.145
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	20	0.014	0.024	0.063	0.007	0.	0.018	0.007	0.008	0.04	0.049
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	8	8.15	8.137	8.3	7.8	0.026	0.16	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	8	8.147	8.108	8.3	7.8	0.027	0.163	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	8	0.007	0.008	0.016	0.005	0.	0.003	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	4	294.	292.5	301.	281.	80.333	8.963	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	8	311.	311.875	324.	306.	31.554	5.617	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	8	287.5	286.125	298.	270.	87.554	9.357	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	11	3.	19.636	114.	0.	1186.855	34.451	0.	3.	21.	100.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	11	0.477	0.791	2.057	0.	0.464	0.681	0.	0.477	1.322	1.982
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.18								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	15 ##	5.	5.067	6.	5.	0.067	0.258	5.	5.	5.	5.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	15 ##	0.699	0.704	0.778	0.699	0.	0.02	0.699	0.699	0.699	0.731
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.061								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	11	0.	1.364	9.	0.	9.655	3.107	0.	0.	0.	8.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	11	0.	0.157	0.954	0.	0.124	0.353	0.	0.	0.	0.919
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.437								

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Annual Analysis for 1979 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	98	30.	32.204	74.	0.	625.566	25.011	1.	6.5	55.	70.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	49	13.8	13.535	25.5	4.8	46.611	6.827	5.1	6.	20.9	24.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	49	56.8	56.165	77.9	40.6	146.457	12.102	41.2	42.8	69.6	73.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	3	5.	6.333	12.	2.	26.333	5.132	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	19	1500.	1536.842	1700.	1450.	10511.696	102.527	1450.	1450.	1700.	1700.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	4	2168.	2181.	2228.	2160.	1038.667	32.228	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	48	9.	9.986	18.2	0.25	12.702	3.564	7.81	8.25	11.875	17.06
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	24	8.75	8.692	9.15	8.15	0.106	0.325	8.35	8.363	8.988	9.1
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	24	8.739	8.582	9.15	8.15	0.119	0.344	8.35	8.362	8.987	9.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	24	0.002	0.003	0.007	0.001	0.	0.002	0.001	0.001	0.004	0.004
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	4	8.15	8.175	8.4	8.	0.029	0.171	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	4	8.147	8.151	8.4	8.	0.03	0.173	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	4	0.007	0.007	0.01	0.004	0.	0.003	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	2	302.5	302.5	312.	293.	180.5	13.435	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	6	334.	334.833	348.	323.	88.967	9.432	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	6	281.5	279.667	290.	269.	61.067	7.815	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	10	2.5	4.1	21.	0.	42.767	6.54	0.	0.	4.5	19.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	10	0.389	0.401	1.322	0.	0.203	0.45	0.	0.	0.596	1.285
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.517								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	14 ##	5.	5.286	9.	5.	1.143	1.069	5.	5.	5.	7.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	14 ##	0.699	0.717	0.954	0.699	0.005	0.068	0.699	0.699	0.699	0.827
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.214								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	9	0.	1.	9.	0.	9.	3.	0.	0.	0.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	9	0.	0.106	0.954	0.	0.101	0.318	0.	0.	0.	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.277								

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Annual Analysis for 1980 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	66	30.	29.985	69.	1.	450.015	21.214	1.	10.	50.	60.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	35	12.1	13.506	25.	4.3	47.722	6.908	4.42	10.5	16.5	24.7
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	35	53.1	55.914	77.	39.7	146.973	12.123	39.94	50.9	61.7	76.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	22	4020.	3142.273	4700.	1300.	1871646.97	1368.081	1300.	1300.	4100.	4560.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	3	2320.	2299.	2349.	2228.	3991.	63.174	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	36	8.6	8.889	13.2	2.2	5.433	2.331	7.14	7.5	10.2	12.46
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	22	8.6	8.647	9.	8.5	0.013	0.112	8.56	8.568	8.7	8.811
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	22	8.6	8.635	9.	8.5	0.013	0.113	8.56	8.567	8.7	8.811
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	22	0.003	0.002	0.003	0.001	0.	0.001	0.002	0.002	0.003	0.003
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	3	8.4	8.4	8.5	8.3	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	3	8.4	8.392	8.5	8.3	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	3	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	3	313.	320.	338.	309.	247.	15.716	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	7	354.	358.286	386.	338.	310.905	17.632	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	7	293.	296.429	311.	286.	82.952	9.108	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	5	3.	2.4	3.	0.	1.8	1.342	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	5	0.477	0.382	0.477	0.	0.046	0.213	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.408								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##	5.	4.222	5.	1.	2.444	1.563	1.	3.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##	0.699	0.577	0.699	0.	0.064	0.253	0.	0.5	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.777								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	48	27.5	29.271	77.	1.	523.138	22.872	1.	6.25	48.75	60.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	23	13.	13.63	26.5	7.3	28.926	5.378	7.4	7.6	19.7	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	22	55.4	56.568	79.7	45.1	98.715	9.936	45.16	45.5	67.5	68.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	1	66.8	66.8	66.8	66.8	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	22	877.5	1375.682	8950.	570.	3078786.418	1754.647	586.5	598.75	1650.	1702.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	6	2483.	2340.333	2980.	1674.	229635.467	479.203	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	22	8.6	8.645	10.3	7.	0.451	0.672	7.89	8.2	9.2	9.27
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	24	8.62	8.646	8.8	8.55	0.011	0.103	8.55	8.55	8.75	8.8
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	24	8.62	8.635	8.8	8.55	0.011	0.104	8.55	8.55	8.75	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	24	0.002	0.002	0.003	0.002	0.	0.001	0.002	0.002	0.003	0.003
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	6	8.15	8.133	8.3	7.9	0.019	0.137	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	6	8.147	8.114	8.3	7.9	0.019	0.138	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	6	0.007	0.008	0.013	0.005	0.	0.003	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	5	346.	314.	354.	243.	2696.5	51.928	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	9	387.	352.111	405.	251.	3920.611	62.615	251.	279.5	396.	405.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	9	302.	282.222	325.	208.	1711.944	41.376	208.	245.	317.	325.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	4	10.5	15.5	39.	2.	275.	16.583	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	4	0.977	0.962	1.591	0.301	0.304	0.551	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.153								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	8 ##	5.	4.875	6.	3.	0.696	0.835	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	8 ##	0.699	0.681	0.778	0.477	0.008	0.087	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.799								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	3	0.	2.	6.	0.	12.	3.464	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	3	0.	0.259	0.778	0.	0.202	0.449	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.817								

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Annual Analysis for 1982 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	74	35.	35.378	86.	1.	697.115	26.403	1.	10.	60.	74.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	34	19.	15.971	26.	2.2	66.903	8.179	2.2	11.875	20.7	24.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	34	66.2	60.762	78.8	36.	216.556	14.716	36.	53.375	69.3	76.1
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	35	1500.	885.143	1750.	135.	546549.244	739.29	135.	140.	1600.	1700.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	5	1590.	1559.2	1750.	1204.	44169.2	210.165	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	35	7.4	8.149	14.8	0.2	12.911	3.593	4.38	6.3	12.	13.52
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	35	8.3	8.309	10.4	7.25	0.583	0.763	7.43	7.5	9.	9.12
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	35	8.3	7.869	10.4	7.25	0.781	0.884	7.43	7.5	9.	9.12
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	35	0.005	0.014	0.056	0.	0.	0.015	0.001	0.001	0.032	0.037
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	5	8.3	8.22	8.5	7.8	0.067	0.259	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	5	8.3	8.151	8.5	7.8	0.073	0.27	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	5	0.005	0.007	0.016	0.003	0.	0.005	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	4	242.5	241.75	261.	221.	407.583	20.189	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	8	250.5	276.75	470.	218.	6967.929	83.474	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	8	198.5	204.75	240.	186.	348.214	18.661	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	6	3.5	5.167	18.	0.	44.967	6.706	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	6	0.54	0.519	1.255	0.	0.231	0.481	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.302								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##		5.	5.5	12.	2.	6.278	2.506	2.3	5.	5.25	11.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##		0.699	0.705	1.079	0.301	0.034	0.185	0.341	0.699	0.719	1.049
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.071								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	5	0.	3.6	12.	0.	28.8	5.367	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	5	0.	0.371	1.079	0.	0.27	0.52	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.352								

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Annual Analysis for 1983 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	81	40.	40.728	89.	0.	833.275	28.867	1.	15.	65.	80.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	39	15.7	14.577	26.5	4.8	48.879	6.991	4.8	5.1	17.	25.7
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	39	60.3	57.872	79.7	40.6	151.917	12.325	40.6	41.2	62.6	77.9
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	40	1442.	1474.2	1750.	1287.	25316.164	159.111	1294.	1295.	1480.	1750.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	3	1639.	1665.667	1768.	1590.	8454.333	91.947	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	40	8.4	8.37	10.7	0.7	5.09	2.256	4.43	8.	10.1	10.6
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	31	8.4	8.416	8.6	7.4	0.045	0.211	8.3	8.4	8.5	8.6
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	31	8.4	8.319	8.6	7.4	0.055	0.233	8.3	8.4	8.5	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	31	0.004	0.005	0.04	0.003	0.	0.007	0.003	0.003	0.004	0.005
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	3	7.9	7.933	8.1	7.8	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	3	7.9	7.916	8.1	7.8	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	3	0.013	0.012	0.016	0.008	0.	0.004	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	3	231.	231.333	239.	224.	56.333	7.506	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	7	241.	241.714	310.	200.	1326.905	36.427	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	7	197.	200.857	232.	185.	254.81	15.963	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##		5.	4.389	7.	0.5	3.736	1.933	0.5	3.5	5.	7.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##		0.699	0.56	0.845	-0.301	0.126	0.355	-0.301	0.5	0.699	0.845
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.63								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	5	3.	4.2	9.	0.	11.7	3.421	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	5	0.477	0.537	0.954	0.	0.132	0.363	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.446								

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Annual Analysis for 1984 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	67	40.	39.343	85.	1.	600.38	24.503	5.	20.	60.	72.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	34	9.5	10.915	26.9	2.2	63.206	7.95	2.2	2.3	12.45	25.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	27	48.2	52.156	80.4	36.	258.656	16.083	36.	36.	69.3	77.62
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	1	84.3	84.3	84.3	84.3	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	35	1467.	1462.714	1728.	970.	39499.857	198.746	1192.8	1319.	1494.	1720.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	1	1971.	1971.	1971.	1971.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	32	9.5	8.737	11.2	3.5	4.765	2.183	5.14	7.025	9.975	11.2
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	35	8.5	8.386	8.7	7.7	0.062	0.25	7.96	8.3	8.5	8.6
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	35	8.5	8.296	8.7	7.7	0.071	0.266	7.96	8.3	8.5	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	35	0.003	0.005	0.02	0.002	0.	0.004	0.003	0.003	0.005	0.011
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	1	268.	268.	268.	268.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	5	260.	215.4	277.	30.	10835.8	104.095	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	5	228.	226.6	242.	209.	137.8	11.739	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	1	1.079	1.079	1.079	1.079	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	5 ##	0.5	1.7	6.	0.5	5.825	2.414	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	5 ##	-0.301	-0.025	0.778	-0.301	0.219	0.468	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.944								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.								

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Annual Analysis for 1985 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	71	30.	29.761	72.	0.	550.07	23.454	1.	5.	50.	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	32	15.45	14.256	24.4	3.	52.963	7.278	3.	6.	21.075	22.77
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	3	59.9	57.867	75.9	37.8	366.003	19.131	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	30	1841.	1828.967	1866.	1767.	1468.378	38.319	1769.1	1773.5	1861.75	1865.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	3	2112.	2106.667	2192.	2016.	7765.333	88.121	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	31	8.	8.655	11.6	7.6	1.743	1.32	7.7	7.7	10.6	10.78
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	32	8.4	8.441	8.6	8.1	0.018	0.134	8.3	8.325	8.6	8.6
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	32	8.4	8.42	8.6	8.1	0.018	0.136	8.3	8.325	8.6	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	32	0.004	0.004	0.008	0.003	0.	0.001	0.003	0.003	0.005	0.005
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	3	8.3	8.3	8.4	8.2	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	3	8.3	8.292	8.4	8.2	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	3	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	3	302.	299.333	309.	287.	126.333	11.24	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	7	333.	323.714	360.	270.	934.905	30.576	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	7	247.	247.429	265.	234.	110.619	10.518	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	10	3.	4.65	15.	0.5	25.058	5.006	0.5	0.5	7.5	14.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	10	0.477	0.404	1.176	-0.301	0.301	0.548	-0.301	-0.301	0.853	1.166
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.534								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	13 ##	0.5	1.846	5.	0.5	3.474	1.864	0.5	0.5	3.5	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	13 ##	-0.301	0.042	0.699	-0.301	0.208	0.456	-0.301	-0.301	0.54	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.102								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	10 ##	0.5	1.75	6.	0.	3.736	1.933	0.05	0.5	3.	5.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	10 ##	-0.301	0.07	0.778	-0.301	0.188	0.434	-0.03	-0.301	0.477	0.748
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.176								

** - 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 1986 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	58	25.	25.966	65.	0.	474.49	21.783	1.	1.	45.	60.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	24	18.15	17.296	27.2	5.2	68.591	8.282	5.45	5.725	24.825	26.75
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	3	77.9	76.833	78.	74.6	3.743	1.935	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	26	1964.	1936.577	2000.	1860.	3264.094	57.132	1868.5	1882.	2000.	2000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	4	2253.5	2158.	2336.	1789.	64976.667	254.905	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	25	8.7	8.568	12.3	1.7	7.739	2.782	5.4	6.25	12.1	12.2
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	25	8.3	8.38	8.7	7.9	0.062	0.248	8.06	8.2	8.7	8.7
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	25	8.3	8.315	8.7	7.9	0.066	0.257	8.06	8.2	8.7	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	25	0.005	0.005	0.013	0.002	0.	0.003	0.002	0.002	0.006	0.009
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	4	8.3	8.3	8.5	8.1	0.027	0.163	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	4	8.3	8.277	8.5	8.1	0.027	0.165	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	4	0.005	0.005	0.008	0.003	0.	0.002	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	3	330.	327.667	340.	313.	186.333	13.65	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	7	361.	362.714	393.	336.	465.571	21.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	7	256.	262.	279.	247.	168.667	12.987	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	10 ##	3.25	45.55	336.	0.5	10787.803	103.864	0.5	0.5	45.	307.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	10 ##	0.239	0.633	2.526	-0.301	1.161	1.078	-0.301	-0.301	1.651	2.447
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.296								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	14 ##	1.25	8.25	57.	0.5	256.99	16.031	0.5	0.5	7.5	40.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	14 ##	0.	0.279	1.756	-0.301	0.532	0.729	-0.301	-0.301	0.688	1.568
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.902								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	10 ##	1.75	11.35	57.	0.5	396.003	19.9	0.5	0.5	14.25	55.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	10 ##	0.088	0.388	1.756	-0.301	0.667	0.817	-0.301	-0.301	0.981	1.739
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.441								

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Annual Analysis for 1987 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	32	7.5	19.406	70.	1.	529.668	23.015	1.	1.	38.75	60.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	14	17.55	14.057	25.9	3.8	53.081	7.286	3.8	3.875	18.3	22.5
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	11	84.4	82.091	86.	77.9	13.341	3.653	77.9	78.1	85.6	85.92
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	14	1869.5	1892.714	2030.	1812.	2911.451	53.958	1825.	1862.75	1928.	1979.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	8	1993.5	1995.	2368.	1574.	78280.857	279.787	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	14	9.45	9.914	11.5	8.2	1.303	1.141	8.45	9.225	11.4	11.5
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	14	8.9	8.743	9.	8.2	0.09	0.301	8.25	8.475	9.	9.
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	14	8.9	8.639	9.	8.2	0.102	0.319	8.25	8.475	9.	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	14	0.001	0.002	0.006	0.001	0.	0.002	0.001	0.001	0.003	0.006
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	9	8.4	8.3	8.4	8.	0.025	0.158	8.	8.15	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	9	8.4	8.272	8.4	8.	0.026	0.161	8.	8.15	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	9	0.004	0.005	0.01	0.004	0.	0.002	0.004	0.004	0.007	0.01
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	7	215.	255.857	336.	198.	4106.476	64.082	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	12	340.5	349.083	456.	305.	1703.356	41.272	306.5	318.	367.25	433.5
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	7	261.	264.143	276.	254.	70.81	8.415	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	11	9.	6.364	12.	0.5	15.805	3.975	0.5	3.	9.	11.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	11	0.954	0.635	1.079	-0.301	0.253	0.503	-0.301	0.477	0.954	1.054
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.311								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	14 ##	0.5	2.714	9.	0.5	8.527	2.92	0.5	0.5	5.25	7.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	14 ##	-0.301	0.141	0.954	-0.301	0.29	0.539	-0.301	-0.301	0.719	0.866
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.384								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	11 ##	0.5	3.545	12.	0.5	18.723	4.327	0.5	0.5	9.	11.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	11 ##	-0.301	0.194	1.079	-0.301	0.357	0.598	-0.301	-0.301	0.954	1.054
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.564								

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Annual Analysis for 1988 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	43	15.	24.209	75.	1.	596.169	24.417	1.	1.	45.	60.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	16	17.55	13.85	24.9	2.1	118.172	10.871	2.1	2.1	24.775	24.9
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	12	86.15	86.2	89.9	83.	7.138	2.672	83.12	83.475	88.95	89.69
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	17	1910.	1933.765	2030.	1900.	2139.941	46.259	1905.6	1907.5	1940.	2030.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	11	1894.	1978.545	2320.	1590.	74739.073	273.384	1609.6	1694.	2272.	2316.8
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	17	6.5	8.088	12.3	0.2	17.472	4.18	0.36	6.4	12.2	12.3
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	10	8.4	8.3	8.7	7.8	0.071	0.267	7.81	8.125	8.4	8.67
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	10	8.4	8.217	8.7	7.8	0.079	0.281	7.81	8.125	8.4	8.67
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	10	0.004	0.006	0.016	0.002	0.	0.004	0.002	0.004	0.008	0.016
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	11	8.3	8.236	8.4	7.7	0.049	0.22	7.76	8.1	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	11	8.3	8.173	8.4	7.7	0.053	0.23	7.76	8.1	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	11	0.005	0.007	0.02	0.004	0.	0.005	0.004	0.004	0.008	0.018
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	11	224.	259.182	319.	214.	2271.764	47.663	214.	218.	314.	318.6
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	14	342.	343.357	376.	323.	186.247	13.647	326.5	333.75	351.75	366.5
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	8	270.5	266.375	281.	239.	186.268	13.648	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	12	6.	6.917	27.	0.5	56.72	7.531	0.5	0.5	9.	22.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	12	0.778	0.517	1.431	-0.301	0.413	0.642	-0.301	-0.301	0.954	1.326
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.288								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	15 ##	1.	67.867	980.	0.5	63682.731	252.354	0.5	0.5	6.	399.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	15 ##	0.	0.35	2.991	-0.301	0.765	0.875	-0.301	-0.301	0.778	1.844
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.239								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	11 ##	0.5	4.136	30.	0.5	76.755	8.761	0.5	0.5	3.	25.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	11 ##	-0.301	0.1	1.477	-0.301	0.377	0.614	-0.301	-0.301	0.477	1.337
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.26								

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Annual Analysis for 1989 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	38	20.	26.658	75.	1.	672.285	25.928	1.	1.	50.5	66.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	14	21.5	15.993	25.6	5.2	95.579	9.776	5.2	5.2	25.	25.4
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	11	88.3	88.118	89.	86.7	0.588	0.767	86.82	87.5	88.8	89.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	14	1910.	1905.714	1920.	1890.	57.143	7.559	1895.	1900.	1910.	1915.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	11	1905.	1952.	2336.	1482.	91627.	302.7	1489.2	1738.	2256.	2329.6
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	15	7.4	8.633	11.4	1.8	8.964	2.994	3.84	7.	11.4	11.4
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	11	8.4	8.402	8.61	8.	0.035	0.187	8.04	8.3	8.6	8.61
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	11	8.4	8.362	8.61	8.	0.037	0.191	8.04	8.3	8.6	8.61
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	11	0.004	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.005	0.009
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	11	8.3	8.3	8.5	8.	0.02	0.141	8.02	8.3	8.4	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	11	8.3	8.277	8.5	8.	0.021	0.143	8.02	8.3	8.4	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	11	0.005	0.005	0.01	0.003	0.	0.002	0.003	0.004	0.005	0.01
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	11	241.	268.091	332.	224.	2035.091	45.112	226.	234.	322.	330.8
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	13	362.	352.615	375.	270.	709.09	26.629	296.4	351.	364.5	371.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	6	266.	266.5	280.	251.	134.3	11.589	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	11	3.	2.909	12.	0.5	10.591	3.254	0.5	0.5	3.	10.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	11	0.477	0.249	1.079	-0.301	0.221	0.47	-0.301	-0.301	0.477	0.959
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.774								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	12 ##	0.5	3.292	15.	0.5	24.339	4.933	0.5	0.5	3.	14.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	12 ##	-0.301	0.132	1.176	-0.301	0.332	0.577	-0.301	-0.301	0.477	1.147
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.354								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	11 ##	0.5	3.045	18.	0.5	27.773	5.27	0.5	0.5	3.	15.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	11 ##	-0.301	0.08	1.255	-0.301	0.32	0.566	-0.301	-0.301	0.477	1.16
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.202								

** - Less than 9 observations ## - Computed 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 LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	28	15.	26.536	73.	1.	812.628	28.507	1.	1.	58.25	72.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	11	4.4	13.073	24.8	4.3	102.418	10.12	4.3	4.3	24.5	24.8
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	10	85.9	85.1	87.4	81.6	5.182	2.276	81.71	82.7	87.2	87.38
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	11	2030.	2099.091	2200.	2000.	9429.091	97.104	2000.	2010.	2200.	2200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	9	2031.	2090.667	2528.	1660.	81745.5	285.912	1660.	1866.	2376.	2528.
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	10	9.	7.86	11.5	0.	17.945	4.236	0.26	5.	11.425	11.5
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	11	8.3	8.027	8.3	7.5	0.108	0.329	7.52	7.7	8.3	8.3
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	11	8.3	7.91	8.3	7.5	0.123	0.351	7.52	7.7	8.3	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	11	0.005	0.012	0.032	0.005	0.	0.01	0.005	0.005	0.02	0.03
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	9	8.2	8.244	8.4	8.1	0.008	0.088	8.1	8.2	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	9	8.2	8.237	8.4	8.1	0.008	0.089	8.1	8.2	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	9	0.006	0.006	0.008	0.004	0.	0.001	0.004	0.005	0.006	0.008
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	8	263.	291.625	368.	244.	2431.125	49.306	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	12	389.	389.083	405.	367.	198.447	14.087	368.8	375.	404.	405.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	6	288.	283.333	296.	266.	177.067	13.307	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	10	3.	3.05	9.	0.5	7.192	2.682	0.5	0.5	3.75	8.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	10	0.477	0.304	0.954	-0.301	0.207	0.455	-0.301	-0.301	0.552	0.937
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.013								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	0.5	4.15	32.	0.5	96.836	9.841	0.5	0.5	3.	29.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	-0.301	0.035	1.505	-0.301	0.371	0.609	-0.301	-0.301	0.477	1.402
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.084								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	9 ##	0.5	1.667	6.	0.5	3.813	1.953	0.5	0.5	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	9 ##	-0.301	-0.008	0.778	-0.301	0.2	0.448	-0.301	-0.301	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			0.981								

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Annual Analysis for 1991 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	27	1.	20.259	71.	1.	631.353	25.127	1.	1.	40.	62.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	9	15.2	12.533	23.2	3.1	83.125	9.117	3.1	3.15	21.3	23.2
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	12	80.7	80.75	82.5	78.5	1.425	1.194	78.77	79.85	81.775	82.32
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	10	2270.	2276.	2430.	2150.	16715.556	129.289	2150.	2150.	2392.5	2427.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	11	2264.	2293.	2656.	1686.	96178.	310.126	1755.4	2084.	2560.	2650.2
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	9	8.	8.644	12.1	1.2	14.553	3.815	1.2	6.3	12.1	12.1
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	10	7.05	7.19	7.8	6.8	0.163	0.404	6.8	6.8	7.625	7.79
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	10	7.025	7.05	7.8	6.8	0.185	0.43	6.8	6.8	7.625	7.79
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	10	0.094	0.089	0.158	0.016	0.004	0.062	0.016	0.024	0.158	0.158
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	11	8.3	8.227	8.4	8.	0.014	0.119	8.02	8.1	8.3	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	11	8.3	8.212	8.4	8.	0.014	0.12	8.02	8.1	8.3	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	11	0.005	0.006	0.01	0.004	0.	0.002	0.004	0.005	0.008	0.01
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	11	358.	324.182	382.	257.	2756.564	52.503	257.	273.	365.	382.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	13	420.	416.769	442.	373.	453.526	21.296	381.8	400.	438.5	441.2
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	8	304.	287.	325.	158.	2826.857	53.168	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	12	7.5	8.375	24.	0.5	55.278	7.435	0.5	1.125	13.5	22.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	12	0.866	0.65	1.38	-0.301	0.385	0.62	-0.301	-0.106	1.121	1.343
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.471								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	14 ##	0.5	2.643	9.	0.5	8.555	2.925	0.5	0.5	6.	7.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	14 ##	-0.301	0.131	0.954	-0.301	0.282	0.531	-0.301	-0.301	0.778	0.866
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.352								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	12 ##	0.5	3.333	21.	0.5	37.152	6.095	0.5	0.5	3.	17.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	12 ##	-0.301	0.069	1.322	-0.301	0.344	0.586	-0.301	-0.301	0.477	1.212
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.171								

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Annual Analysis for 1992 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	29	10.	23.828	74.	1.	764.576	27.651	1.	1.	50.	70.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	10	11.35	13.92	25.8	4.5	99.38	9.969	4.51	4.675	24.35	25.76
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	10	83.5	83.65	86.8	81.2	3.736	1.933	81.2	81.95	85.	86.77
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	10	2160.	2186.	2320.	2150.	4315.556	65.693	2150.	2150.	2195.	2318.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	6	2408.	2254.667	2544.	1676.	118788.267	344.657	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	10	10.4	9.31	13.4	0.5	21.894	4.679	0.89	5.75	13.4	13.4
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	10	7.9	7.98	8.4	7.6	0.06	0.244	7.62	7.875	8.225	8.39
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	10	7.9	7.924	8.4	7.6	0.063	0.251	7.62	7.875	8.225	8.39
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	10	0.013	0.012	0.025	0.004	0.	0.006	0.004	0.006	0.013	0.024
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	6	8.3	8.3	8.5	8.2	0.012	0.11	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	6	8.3	8.289	8.5	8.2	0.012	0.11	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	6	0.005	0.005	0.006	0.003	0.	0.001	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	6	344.	323.5	370.	254.	2801.5	52.929	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	8	400.	409.375	470.	385.	729.982	27.018	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	8	288.	294.375	382.	238.	1785.125	42.251	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	12	16.5	16.833	51.	0.5	195.742	13.991	0.5	5.25	24.75	43.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	12	1.216	0.962	1.708	-0.301	0.432	0.657	-0.301	0.628	1.387	1.625
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.165								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	13	3.	3.654	9.	0.5	11.891	3.448	0.5	0.5	7.5	9.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	13	0.477	0.311	0.954	-0.301	0.287	0.536	-0.301	-0.301	0.866	0.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.047								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	12	4.5	7.167	33.	0.5	91.333	9.557	0.5	0.5	8.25	28.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	12	0.628	0.484	1.519	-0.301	0.419	0.647	-0.301	-0.301	0.91	1.44
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.051								

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Annual Analysis for 1993 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	42	32.5	33.357	72.	1.	492.235	22.186	2.2	13.75	51.25	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	22	13.8	17.105	26.9	10.5	45.363	6.735	10.59	11.275	25.875	26.54
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	24	2220.	2220.417	2240.	2200.	117.21	10.826	2205.	2210.	2230.	2235.
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	24	8.5	7.562	9.2	0.4	5.388	2.321	3.05	7.125	9.05	9.2
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	24	8.4	8.388	8.5	8.2	0.012	0.108	8.2	8.3	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	24	8.4	8.374	8.5	8.2	0.012	0.108	8.2	8.3	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	24	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.005	0.006
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	4	378.5	379.	392.	367.	164.667	12.832	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	3	425.	410.667	431.	376.	910.333	30.172	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	3	298.	289.	316.	253.	1053.	32.45	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	3 ##	1.	1.	1.5	0.5	0.25	0.5	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	3 ##	0.	-0.042	0.176	-0.301	0.058	0.241	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.909								

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Annual Analysis for 1994 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	30	35.	35.267	75.	1.	529.857	23.019	1.4	15.	55.	69.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	16	17.45	18.875	26.	12.2	46.575	6.825	12.2	12.225	25.9	26.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	16	2250.	2252.5	2470.	2090.	27620.	166.193	2090.	2090.	2400.	2442.
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	16	8.35	8.006	10.6	1.	7.245	2.692	3.38	6.7	10.275	10.53
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	16	8.49	8.482	8.6	8.2	0.015	0.121	8.34	8.4	8.59	8.593
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	16	8.481	8.465	8.6	8.2	0.015	0.122	8.34	8.4	8.59	8.593

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Annual Analysis for 1994 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	16	0.003	0.003	0.006	0.003	0.	0.001	0.003	0.003	0.004	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	2	403.	403.	417.	389.	392.	19.799	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	2	268.	268.	328.	208.	7200.	84.853	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1995 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	50	37.5	40.18	249.	1.	1454.151	38.133	5.	14.5	61.	70.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	26	11.25	12.165	27.4	6.7	34.032	5.834	6.77	6.8	12.3	23.13
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	27	2260.	2212.222	2390.	1990.	25464.103	159.575	1998.	2000.	2360.	2366.
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	28	9.25	8.864	10.7	0.8	5.115	2.262	5.55	9.	10.575	10.6
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	27	8.42	8.325	8.48	8.	0.025	0.158	8.1	8.2	8.46	8.47
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	27	8.42	8.296	8.48	8.	0.026	0.161	8.1	8.2	8.46	8.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	27	0.004	0.005	0.01	0.003	0.	0.002	0.003	0.003	0.006	0.008
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	4	394.	391.75	434.	345.	1777.583	42.161	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	4	304.	315.75	364.	291.	1072.25	32.745	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	4 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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

Annual Analysis for 1996 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	31	30.	34.903	76.	1.	716.89	26.775	1.	5.	61.	74.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	15	18.2	16.147	26.8	5.1	72.723	8.528	5.34	5.9	25.7	26.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	17	2200.	2158.235	2290.	1920.	19177.941	138.484	1920.	2055.	2270.	2290.
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	17	8.5	8.224	11.8	0.1	9.194	3.032	3.3	7.35	11.45	11.64
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	16	8.295	8.297	8.53	7.64	0.042	0.204	8.025	8.258	8.388	8.53
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	16	8.295	8.235	8.53	7.64	0.046	0.215	8.025	8.257	8.388	8.53
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	16	0.005	0.006	0.023	0.003	0.	0.005	0.003	0.004	0.006	0.011
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	3	380.	368.	391.	333.	949.	30.806	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	3	301.	317.	350.	300.	817.	28.583	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	3 ##	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	3 ##	0.	-0.1	0.	-0.301	0.03	0.174	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.794								

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Annual Analysis for 1997 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	34	3.5	24.294	85.	1.	839.426	28.973	1.	2.	50.	73.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	11	15.6	14.791	25.3	4.7	97.067	9.852	4.7	4.7	25.1	25.3
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	20	1930.	1931.35	2060.	1819.	4829.503	69.495	1836.5	1870.75	1990.	2039.
00300p	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	12	8.95	7.758	11.4	0.09	17.171	4.144	0.333	5.475	11.175	11.4
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	19	8.26	8.266	8.43	7.9	0.018	0.134	8.1	8.2	8.4	8.43

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Annual Analysis for 1997 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	19	8.26	8.244	8.43	7.9	0.019	0.136	8.1	8.2	8.4	8.43
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	19	0.005	0.006	0.013	0.004	0.	0.002	0.004	0.004	0.006	0.008
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	2	8.2	8.2	8.3	8.1	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	2	8.189	8.189	8.3	8.1	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	2	0.006	0.006	0.008	0.005	0.	0.002	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	10	222.5	241.1	331.	214.	1904.1	43.636	214.	214.75	249.75	329.4
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	12	340.	338.417	356.	310.	161.72	12.717	316.	330.	349.5	354.2
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	12	302.	301.833	350.	265.	425.242	20.621	268.	295.5	310.	338.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	7	3.	3.071	6.	0.5	2.536	1.592	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	7	0.477	0.409	0.778	-0.301	0.111	0.333	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.564								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	-0.301	-0.301	-0.301	-0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	7 ##	0.5	0.857	3.	0.5	0.893	0.945	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	7 ##	-0.301	-0.19	0.477	-0.301	0.087	0.294	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			0.646								

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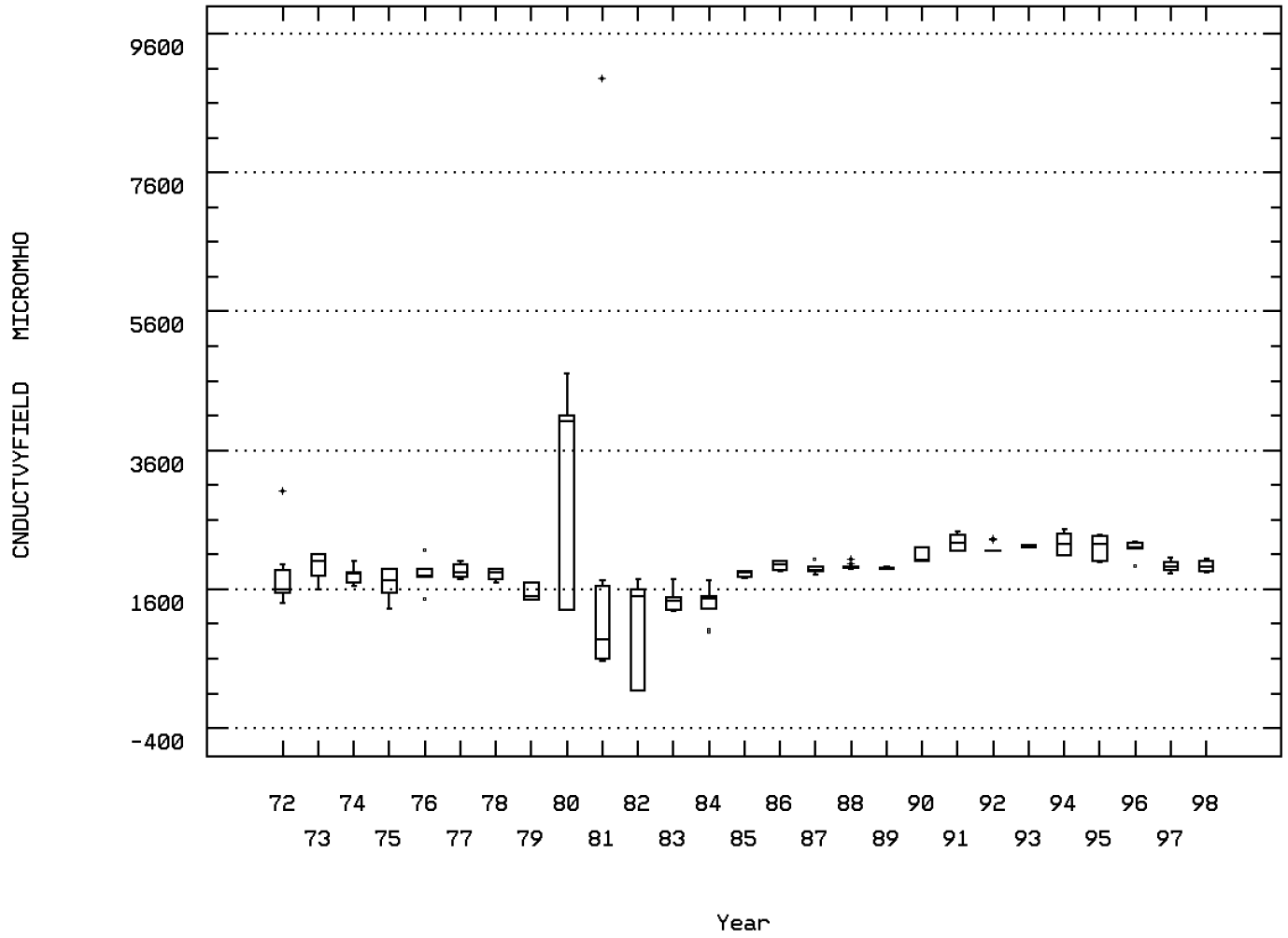
Annual Analysis for 1998 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	8	2.	1.75	2.	1.	0.214	0.463	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	6	1921.5	1933.167	2037.	1846.	7478.967	86.481	**	**	**	**
00400p	PH (STANDARD UNITS)	01/25/72-06/01/98	6	8.3	8.295	8.35	8.22	0.002	0.046	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	6	8.3	8.293	8.35	8.22	0.002	0.046	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	6	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	2	8.	8.	8.1	7.9	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	2	7.989	7.989	8.1	7.9	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	2	0.01	0.01	0.013	0.008	0.	0.003	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	6	229.375	245.625	328.	228.	1630.544	40.38	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	7	353.	352.286	355.	350.	5.238	2.289	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	7	275.	290.714	350.	272.	857.905	29.29	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	6	27.	23.5	36.	6.	105.9	10.291	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	6	1.431	1.314	1.556	0.778	0.078	0.28	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.605								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	6	3.	2.167	3.	0.5	1.667	1.291	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	6	0.477	0.218	0.477	-0.301	0.161	0.402	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.651								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	5 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			0.5								

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

Station: LAMR0015 Parameter Code: 00094

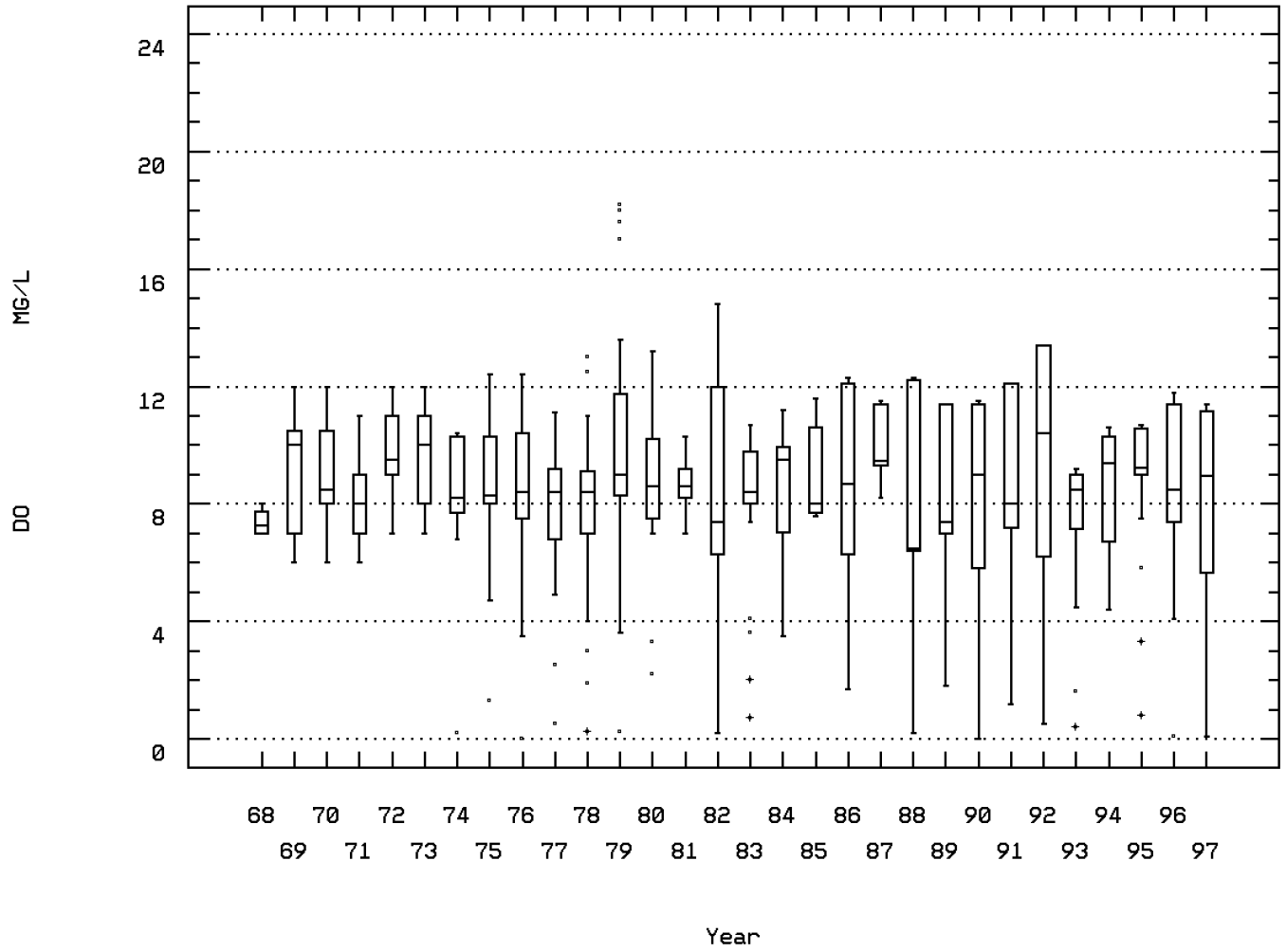
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @



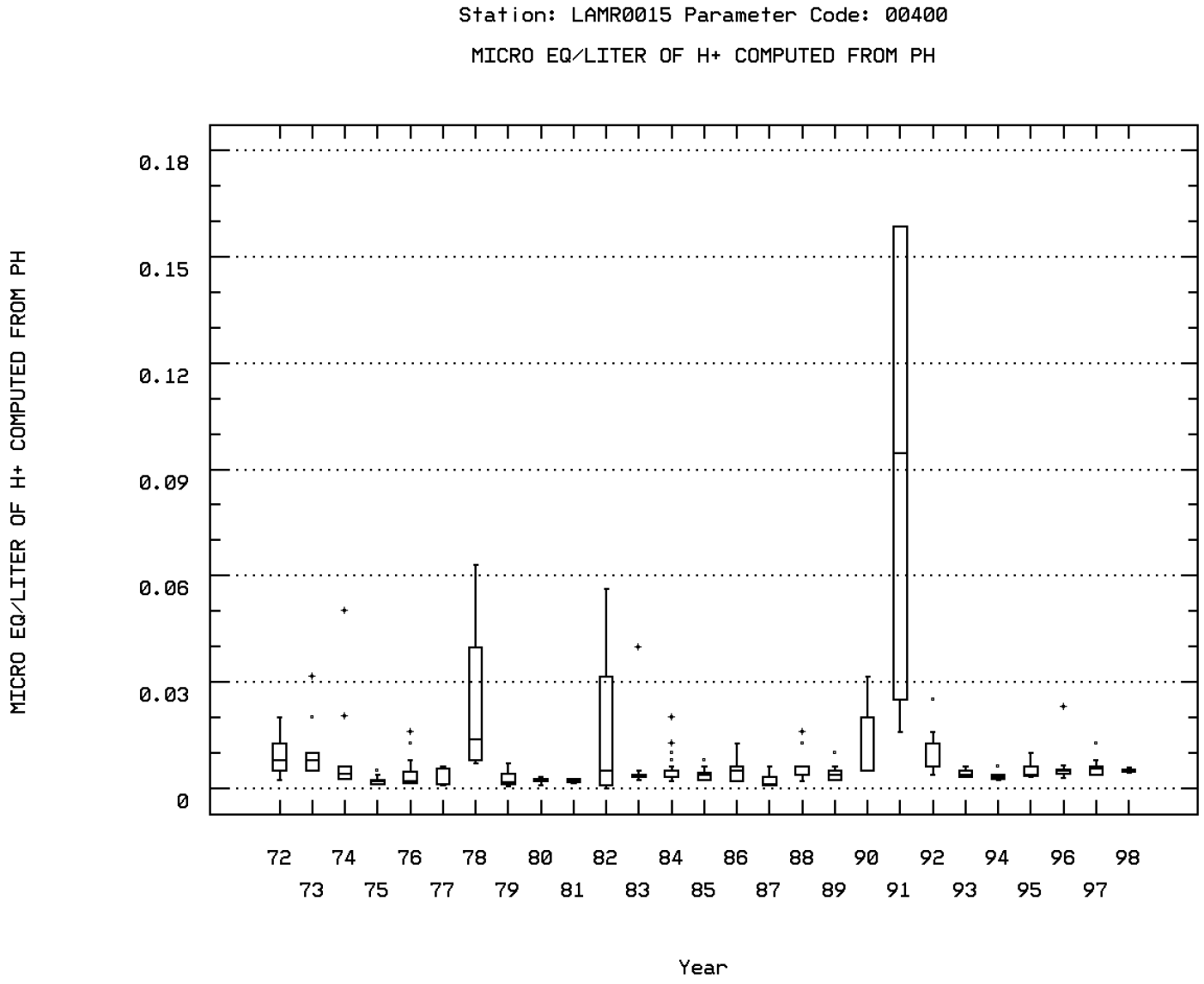
LAKE MEREDITH AT DAM

Station: LAMR0015 Parameter Code: 00300

OXYGEN, DISSOLVED



LAKE MEREDITH AT DAM



LAKE MEREDITH AT DAM

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	827	30.	30.884	249.	0.	742.434	27.248	1.	3.	50.	70.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	407	21.6	20.349	28.3	8.8	22.056	4.696	13.7	16.5	24.4	25.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	266	69.8	67.777	83.	47.8	71.694	8.467	56.12	60.8	74.3	77.43
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	09/02/69-05/10/76	15	81.	78.133	91.	57.	104.981	10.246	63.6	69.	90.	90.4
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	45	85.1	84.524	95.2	74.6	14.777	3.844	79.76	81.6	87.45	88.88
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	40	5.	11.538	110.	0.	346.172	18.606	1.	5.	13.75	24.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/09/76-01/31/89	25	60.	92.56	246.	24.	4181.59	64.665	30.	51.	123.	236.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/89-08/18/97	11	1.9	1.905	2.7	1.	0.233	0.483	1.08	1.6	2.05	2.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	307	1870.	1894.42	4700.	135.	261114.597	510.994	1478.	1750.	2030.	2328.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	91	2002.	2024.615	2656.	1204.	67212.062	259.253	1727.6	1848.	2189.	2364.2
00300	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	419	7.8	7.401	18.2	0.	6.089	2.468	4.1	6.6	8.9	9.6
00335	COD, .025N K2CR2O7 MG/L	08/24/79-05/10/88	18	16.	18.806	65.	2.5	231.681	15.221	4.75	8.25	20.	45.2
00400	PH (STANDARD UNITS)	01/25/72-06/01/98	292	8.3	8.26	10.4	7.2	0.166	0.407	7.643	8.1	8.5	8.694
00400	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	292	8.3	8.056	10.4	7.2	0.208	0.456	7.643	8.1	8.5	8.694
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	292	0.005	0.009	0.063	0.	0.	0.011	0.002	0.003	0.008	0.023
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	95	8.3	8.257	8.7	7.7	0.031	0.176	8.06	8.2	8.4	8.44
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	95	8.3	8.218	8.7	7.7	0.033	0.18	8.06	8.2	8.4	8.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	95	0.005	0.006	0.02	0.002	0.	0.003	0.004	0.004	0.006	0.009
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	84	178.	175.036	211.	118.	221.938	14.898	156.	168.25	183.75	190.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/03/76-06/01/98	35	0.	0.471	3.	0.	0.779	0.882	0.	0.	0.5	2.
00440	BICARBONATE ION (MG/L AS HCO3)	05/03/76-06/01/98	37	215.	213.784	232.	183.	134.23	11.586	193.6	209.	222.	229.
00445	CARBONATE ION (MG/L AS CO3)	05/03/76-06/01/98	36	0.	0.597	5.	0.	1.326	1.152	0.	0.	0.875	2.
00480	SALINITY - PARTS PER THOUSAND	08/24/79-07/27/93	21 ##	1.	0.933	1.	0.7	0.015	0.124	0.7	0.9	1.	1.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/25/72-02/24/98	53	5.	30.811	1250.	0.5	29196.108	170.869	2.	3.	6.	25.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/08/72-02/24/98	51	1.	4.265	59.	0.	75.394	8.683	0.5	1.	5.	11.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/25/72-02/24/98	53	0.04	0.06	0.52	0.005	0.008	0.09	0.01	0.01	0.05	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/72-06/01/98	83 ##	0.01	0.052	0.9	0.005	0.014	0.119	0.005	0.01	0.02	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/24/79-02/24/98	31	0.5	0.936	8.	0.07	2.124	1.457	0.3	0.36	0.98	1.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/79-02/24/98	22 ##	0.01	0.026	0.2	0.	0.002	0.048	0.005	0.009	0.02	0.107
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/25/72-07/02/85	32	0.06	0.157	2.45	0.015	0.183	0.428	0.03	0.03	0.09	0.192
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/25/73-07/02/85	29 ##	0.015	0.025	0.07	0.015	0.	0.015	0.015	0.015	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/25/72-02/24/98	53	0.02	0.045	0.8	0.005	0.013	0.114	0.01	0.01	0.03	0.07
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/73-05/15/96	48 ##	0.01	0.009	0.04	0.005	0.	0.007	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/24/98	48	4.	5.181	45.3	0.5	40.253	6.344	1.9	3.025	5.15	6.82
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	38	268.	256.658	303.	184.	964.555	31.057	190.9	243.	277.25	286.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/03/76-06/01/98	41	58.	57.598	68.	43.	37.755	6.145	48.52	54.5	61.5	66.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/03/76-06/01/98	41	29.	27.366	34.	15.	22.832	4.778	19.2	24.5	31.	31.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	63	281.	285.885	392.	202.	2973.544	54.53	219.2	231.	331.	367.6
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	135	333.	329.704	470.	210.	3451.389	58.749	250.	282.	368.	405.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	113	275.	267.796	350.	158.	1366.521	36.966	207.4	245.5	295.5	310.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/03/76-06/01/98	37	0.8	0.76	0.9	0.6	0.006	0.079	0.7	0.7	0.8	0.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	88	6.	20.807	480.	0.	3963.324	62.955	0.5	3.	15.	39.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	88	0.778	0.763	2.681	-0.301	0.416	0.645	-0.301	0.477	1.176	1.594
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.797								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	129 ##	3.	12.016	980.	0.5	7418.515	86.131	0.5	0.5	5.	9.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	129 ##	0.477	0.409	2.991	-0.301	0.298	0.546	-0.301	-0.301	0.699	0.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.563								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	82	0.5	4.671	57.	0.	85.761	9.261	0.	0.	6.	11.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	82	-0.301	0.293	1.756	-0.301	0.307	0.554	0.	0.	0.778	1.042
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.961								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/25/72-02/24/98	53	2.	3.49	24.	0.1	19.477	4.413	0.7	1.85	3.4	6.4
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/09/76-02/24/98	42 ##	0.5	1.142	8.84	0.	2.886	1.699	0.1	0.1	1.	3.28
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/77-02/24/98	34	1127.	1147.412	1560.	854.	26166.734	161.761	905.	1033.75	1267.5	1325.
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/27/75-04/18/96	19	0.09	0.124	0.29	0.03	0.007	0.083	0.04	0.05	0.19	0.28
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/16/69-03/21/79	7	89.3	89.727	95.	83.12	22.399	4.733	**	**	**	**
72053	DAYS SINCE PRECIPITATION EVENT DAYS	02/23/90-08/18/97	9	5.	8.333	40.	2.	143.75	11.99	2.	3.	6.5	40.

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/68-06/01/98	541	25.	29.994	90.	1.	686.961	26.21	1.	2.	50.	70.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/68-08/18/97	261	5.7	7.148	16.2	0.6	15.444	3.93	2.5	4.3	10.3	13.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/68-07/02/85	168	43.35	45.412	61.2	33.	57.899	7.609	36.09	39.7	50.9	57.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	09/02/69-05/10/76	9	48.	48.111	68.	36.	113.861	10.671	36.	39.5	55.5	68.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	09/24/68-12/07/92	41	83.	82.866	95.6	66.8	23.279	4.825	77.92	79.55	87.1	88.62
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/68-05/06/80	28	7.5	12.018	60.	0.	246.898	15.713	0.45	5.	12.	42.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/09/76-01/31/89	19	74.	72.737	134.	14.	904.094	30.068	36.	48.	86.	120.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/89-08/18/97	9	1.4	2.228	4.75	0.8	1.706	1.306	0.8	1.3	3.15	4.75
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/15/72-06/01/98	236	1767.5	1752.411	8950.	140.	644905.332	803.06	946.	1440.25	2000.	2210.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/68-12/07/92	72	1919.	1977.972	2980.	1482.	84053.802	289.92	1613.1	1750.	2153.25	2416.4
00300	OXYGEN, DISSOLVED MG/L	09/24/68-08/18/97	261	10.6	10.508	17.6	7.	3.11	1.763	8.3	8.95	11.6	12.48
00335	COD, .025N K2CR2O7 MG/L	08/24/79-05/10/88	13	14.	14.285	30.	2.5	97.678	9.883	2.5	5.	23.	30.
00400	PH (STANDARD UNITS)	01/25/72-06/01/98	212	8.55	8.524	9.15	6.8	0.132	0.363	8.253	8.4	8.7	8.935
00400	CONVERTED PH (STANDARD UNITS)	01/25/72-06/01/98	212	8.55	8.18	9.15	6.8	0.25	0.5	8.253	8.4	8.7	8.935
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/72-06/01/98	212	0.003	0.007	0.158	0.001	0.	0.022	0.001	0.002	0.004	0.006
00403	PH, LAB, STANDARD UNITS SU	09/24/68-06/01/98	73	8.3	8.292	8.7	7.7	0.043	0.208	8.	8.2	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/68-06/01/98	73	8.3	8.238	8.7	7.7	0.046	0.215	8.	8.2	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/68-06/01/98	73	0.005	0.006	0.02	0.002	0.	0.003	0.003	0.004	0.006	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	63	176.	173.54	220.	18.	738.672	27.179	160.4	170.	182.	191.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/03/76-06/01/98	28	0.	0.911	4.	0.	1.464	1.21	0.	0.	2.	3.
00440	BICARBONATE ION (MG/L AS HCO3)	05/03/76-06/01/98	28	213.	213.464	229.	203.	54.184	7.361	203.	206.75	219.5	223.3
00445	CARBONATE ION (MG/L AS CO3)	05/03/76-06/01/98	27	0.	1.	5.	0.	1.981	1.407	0.	0.	2.	3.2
00480	SALINITY - PARTS PER THOUSAND	08/24/79-07/27/93	3	0.6	0.633	0.7	0.6	0.003	0.058	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/25/72-02/24/98	37	4.	6.486	27.	0.5	52.021	7.213	1.	2.	6.	20.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/08/72-02/24/98	36 ##	1.	2.306	7.	0.5	4.618	2.149	0.5	0.5	5.	5.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/25/72-02/24/98	38 ##	0.035	0.042	0.15	0.005	0.001	0.038	0.01	0.01	0.05	0.12
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/72-06/01/98	59 ##	0.01	0.055	0.4	0.005	0.008	0.088	0.005	0.01	0.06	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/24/79-02/24/98	24	0.41	0.602	1.75	0.15	0.2	0.447	0.18	0.305	0.85	1.39
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/79-02/24/98	18 ##	0.01	0.016	0.1	0.005	0.	0.022	0.005	0.01	0.013	0.037
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/25/72-07/02/85	23	0.06	0.137	1.81	0.015	0.136	0.369	0.015	0.03	0.08	0.216
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/25/73-07/02/85	20 ##	0.03	0.027	0.09	0.015	0.	0.017	0.015	0.015	0.03	0.039
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/25/72-02/24/98	38	0.02	0.042	0.59	0.005	0.009	0.095	0.005	0.01	0.03	0.091
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/73-05/15/96	32 ##	0.01	0.014	0.1	0.005	0.	0.02	0.005	0.005	0.01	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/24/98	35	4.	4.454	13.	0.5	7.937	2.817	0.5	2.7	5.4	8.26
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	28	260.5	255.607	288.	200.	517.21	22.742	208.8	245.75	272.	278.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/03/76-06/01/98	31	59.	58.006	92.	46.	58.003	7.616	49.2	55.	60.	61.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/03/76-06/01/98	31	28.	27.313	36.	14.	21.922	4.682	20.4	24.	30.	33.44
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	45	290.	283.	388.	198.	2735.364	52.301	218.6	229.5	321.	363.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/68-06/01/98	102	330.	322.735	470.	30.	4127.523	64.246	242.5	271.5	368.5	399.4
00945	SULFATE, TOTAL (MG/L AS SO4)	09/24/68-06/01/98	87	269.	265.874	382.	185.	1357.321	36.842	220.8	239.	290.	305.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/03/76-06/01/98	28	0.8	0.756	0.9	0.6	0.005	0.074	0.69	0.7	0.8	0.81
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/25/73-06/01/98	70	3.	5.907	48.	0.	82.183	9.065	0.	0.5	6.	18.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/25/73-06/01/98	70	0.477	0.411	1.681	-0.301	0.331	0.576	0.	-0.301	0.778	1.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.578								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	102 ##	3.	2.809	12.	0.5	6.104	2.471	0.5	0.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	102 ##	0.477	0.216	1.079	-0.301	0.238	0.488	-0.301	-0.301	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.645								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-05/04/98	68 ##	0.5	1.287	18.	0.	7.726	2.78	0.	0.	0.5	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-05/04/98	68 ##	-0.301	-0.045	1.255	-0.301	0.141	0.375	0.	0.	-0.301	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			0.901								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/25/72-02/24/98	38	2.1	3.249	23.	0.1	16.533	4.066	0.48	1.	4.	6.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/09/76-02/24/98	31 ##	0.5	0.871	4.9	0.	1.397	1.182	0.	0.1	1.	2.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/77-02/24/98	26	1153.	1152.846	1380.	821.	20655.815	143.721	901.7	1083.25	1265.	1315.
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/16/69-03/21/79	11	90.	88.228	95.1	80.17	31.798	5.639	80.572	82.36	94.4	95.04
72053	DAYS SINCE PRECIPITATION EVENT DAYS	02/23/90-08/18/97	10	7.	12.8	39.	2.	168.844	12.994	2.	2.75	21.	38.1

** - 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: LAMR0016

NPS Station ID: LAMR0016 | LAT/LON: 35.711559/-101.556865 | Agency: 11NPSWRD | Date Created: 04/25/98
Location: SANFORD-YAKE AREA | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_COOPER_1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE SANFORD-YAKE AREA OF THE LAKE MEREDITH NATIONAL RECREATION AREA. THE SAMPLING STATION IS ON LAKE MEREDITH AT THE MIDPOINT FROM THE SHORELINE ALONG BUREAU OF RECLAMATION SURVEY SEDIMENTATION RANGE LINE R-1. DATA WERE COLLECTED AT THIS SITE FROM 1967 THROUGH 1974 BY WILLIAM A. COOPER OF WEST TEXAS STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; TO ASSESS THE WATER QUALITY OF LAKE MEREDITH. DATA WERE SUMMARIZED IN ANNUAL REPORTS TITLED "WATER QUALITY AND LIMNOLOGY OF LAKE MEREDITH." FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS 79036-1460; TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250 FORT COLLINS COLORADO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	437	20.	33.689	99.	1.	972.706	31.188	1.	1.	60.	80.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	415	60.5	59.32	82.	36.	184.216	13.573	40.	46.	72.	76.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	376	10.	9.644	170.	0.	185.046	13.603	0.	0.	11.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	379	20.	23.303	410.	0.	1180.831	34.363	0.	10.	30.	45.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	345	1625.	1677.275	3900.	1000.	68576.13	261.87	1400.	1500.	1812.5	2000.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	271	9.	8.901	17.	0.	12.644	3.556	2.02	8.	12.	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	387	8.5	8.442	9.	7.	0.026	0.161	8.3	8.3	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	387	8.5	8.392	9.	7.	0.029	0.169	8.3	8.3	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	387	0.003	0.004	0.1	0.001	0.	0.005	0.003	0.003	0.005	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	270 ##	0.	0.119	10.	0.	0.752	0.867	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	379	184.	184.177	250.	122.	364.146	19.083	160.	170.	200.	206.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	374	6.	6.556	30.	0.	20.859	4.567	2.	2.	10.	12.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	379	207.	208.923	298.	144.	516.939	22.736	185.	193.	224.	239.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	371	7.	7.941	36.	0.	31.553	5.617	2.	2.	12.	15.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	378	0.29	0.366	2.3	0.	0.104	0.323	0.12	0.2	0.4	0.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	379	260.	261.412	370.	200.	604.264	24.582	234.	244.	274.	290.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	379	65.	64.665	88.	0.	69.345	8.327	55.	59.	70.	74.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	379	25.	24.966	47.	9.	31.203	5.586	19.	22.	28.	32.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	372	246.	251.315	429.	166.	1236.281	35.161	213.3	226.	271.	296.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	380	241.	244.334	460.	182.	1063.775	32.616	212.	222.	261.75	276.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	388	260.	269.247	440.	180.	2563.882	50.635	210.	230.	300.	335.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	372	1.	0.987	1.5	0.7	0.013	0.116	0.85	0.92	1.	1.1

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

Parameter Inventory for Station: LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	313	40.	56.176	1500.	0.	13839.972	117.643	0.	0.	60.	100.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/23/67-03/16/67	2 ##	17.5	17.5	25.	10.	112.5	10.607	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	01/06/67-12/16/69	218	4.	4.008	27.	0.	8.293	2.88	1.	3.	5.	6.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/67-12/17/68	27	5.	9.852	64.	0.	237.823	15.422	0.	2.	13.	36.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/67-12/17/68	27	0.699	0.65	1.806	0.	0.303	0.551	0.	0.301	1.114	1.553
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.465								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/19/68-07/17/69	58	145.	2471.293	122600.	25.	257853096.983	16057.805	49.	77.5	530.	1182.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/19/68-07/17/69	58	2.159	2.306	5.088	1.398	0.394	0.628	1.689	1.889	2.724	3.072
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			202.468								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	372	1058.5	1077.47	1632.	894.	10961.916	104.699	959.	1003.	1138.75	1205.4
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	155	0.4	0.407	1.6	0.	0.056	0.237	0.16	0.2	0.6	0.7
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	355	0.1	0.23	4.4	0.	0.15	0.387	0.	0.04	0.3	0.5
71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	01/31/67-04/27/67	13	0.005	0.004	0.007	0.001	0.	0.002	0.001	0.003	0.005	0.006

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

EPA Water Quality Criteria Analysis for Station: LAMR0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	376	4	0.01	222	3	0.01	154	1	0.01						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	260 &	20	0.08	150	20	0.13	110	0	0.00						
00400	PH	Fresh Chronic	9.	387	1	0.00	224	1	0.00	163	0	0.00						
		Other-Lo Lim.	6.5	387	0	0.00	224	0	0.00	163	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	380	0	0.00	225	0	0.00	155	0	0.00						
		Drinking Water	250.	380	144	0.38	225	85	0.38	155	59	0.38						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	388	235	0.61	225	139	0.62	163	96	0.59						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	372	0	0.00	217	0	0.00	155	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	27	0	0.00	14	0	0.00	13	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	355	0	0.00	209	0	0.00	146	0	0.00						
71855	NITRITE NITROGEN, TOTAL (AS NO2)	Drinking Water	3.3	13	0	0.00	2	0	0.00	11	0	0.00						

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

Annual Analysis for 1967 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	95	35.	33.179	78.	1.	719.191	26.818	1.	10.	60.	73.2
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	82	65.5	62.082	82.	38.	164.618	12.83	41.	51.75	72.5	76.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	52	10.	14.885	170.	0.	543.79	23.319	1.3	5.	15.	24.1
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	59	25.	32.78	410.	5.	2811.589	53.024	10.	10.	32.	50.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	31	1400.	1399.516	1600.	1150.	14817.258	121.726	1212.	1350.	1500.	1596.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	64	8.5	8.587	12.	0.1	6.654	2.579	6.1	7.3	11.	12.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	62	8.45	8.398	8.8	7.8	0.025	0.159	8.2	8.3	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	62	8.447	8.365	8.8	7.8	0.027	0.163	8.2	8.3	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	62	0.004	0.004	0.016	0.002	0.	0.002	0.003	0.003	0.005	0.006
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	53	194.	191.811	210.	150.	158.541	12.591	170.	190.	200.	204.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	48	6.	7.354	20.	0.	28.957	5.381	1.9	2.	10.	18.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	53	217.	218.66	271.	178.	518.613	22.773	186.	200.	235.	244.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	45	7.	8.911	24.	1.	40.992	6.402	2.	2.	12.	19.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	57	0.35	0.373	0.9	0.15	0.026	0.162	0.2	0.25	0.425	0.584
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	53	244.	246.377	290.	200.	267.124	16.344	223.2	240.	255.	269.2
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	55	66.	65.927	83.	50.	55.958	7.48	56.	61.	71.	77.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	55	21.	21.	33.	10.	15.778	3.972	17.	19.	23.	25.4
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	50	211.5	211.8	246.	166.	208.898	14.453	193.	203.75	221.	228.9
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	54	208.	208.037	230.	182.	113.923	10.673	194.	200.	215.75	221.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	64	220.	216.844	300.	180.	416.451	20.407	197.5	200.	225.	240.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	52	0.96	0.939	1.08	0.7	0.008	0.092	0.765	0.92	1.	1.02
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	49	40.	62.449	800.	0.	13598.044	116.611	10.	20.	50.	100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	50	961.	960.7	1091.	894.	1576.786	39.709	904.	932.5	977.25	1011.2
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	45	0.08	0.095	0.3	0.02	0.004	0.064	0.04	0.045	0.1	0.2

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

Annual Analysis for 1968 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	90	32.5	35.011	80.	1.	898.034	29.967	1.	1.	70.5	78.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	85	60.	57.564	80.	36.	183.314	13.539	37.5	44.	70.	74.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	77	10.	11.935	112.	0.	267.483	16.355	0.	4.5	15.	25.4
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	77	20.	27.597	190.	0.	773.744	27.816	0.	10.	37.5	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	70	1600.	1643.214	2000.	1400.	17771.04	133.308	1500.	1510.	1756.25	1822.5
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	58	10.	10.031	17.	0.3	11.439	3.382	6.77	8.	13.	14.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	76	8.5	8.512	9.	8.3	0.014	0.119	8.4	8.4	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	76	8.5	8.497	9.	8.3	0.014	0.12	8.4	8.4	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	76	0.003	0.003	0.005	0.001	0.	0.001	0.003	0.003	0.004	0.004
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	77 ##	0.	0.13	10.	0.	1.299	1.14	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	77	202.	202.935	234.	176.	123.64	11.119	190.	194.	210.	218.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	77	10.	9.701	20.	0.	17.923	4.234	3.8	8.	12.	14.4
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	77	222.	223.662	273.	185.	318.569	17.848	204.6	210.	232.	251.6
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	77	12.	11.805	24.	0.	27.133	5.209	4.8	10.	15.	17.4
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	77	0.29	0.333	1.7	0.1	0.053	0.23	0.158	0.2	0.385	0.604
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	77	270.	271.844	332.	212.	261.975	16.186	258.	264.	278.	290.4
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	75	70.	68.36	86.	0.	96.774	9.837	59.	67.	72.	74.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	75	24.	24.56	47.	11.	27.385	5.233	19.	22.	27.	30.4
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	73	231.	231.89	266.	195.	201.127	14.182	215.	223.	239.5	253.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	77	232.	232.091	256.	206.	157.426	12.547	215.8	220.	243.	248.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	75	240.	237.44	270.	200.	191.925	13.854	220.	225.	245.	255.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	74	1.	0.991	1.1	0.8	0.005	0.068	0.9	0.95	1.	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	71	40.	70.141	1500.	0.	33858.551	184.007	0.	0.	60.	174.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	73	1033.	1035.74	1144.	959.	1628.64	40.356	981.4	1007.5	1058.5	1098.
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	70	0.04	0.156	2.2	0.	0.123	0.35	0.	0.	0.125	0.3

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

Annual Analysis for 1969 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	103	20.	34.874	92.	1.	970.366	31.151	1.	1.	73.	81.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	87	59.	58.138	82.	38.	208.644	14.444	38.	45.	72.	78.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	87	10.	9.678	40.	0.	60.849	7.801	0.	5.	12.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	87	20.	21.793	100.	0.	325.864	18.052	0.	10.	30.	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	87	1800.	1760.057	2100.	1000.	36232.264	190.348	1620.	1750.	1850.	1950.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	42	8.8	8.548	13.	0.	12.473	3.532	1.06	7.925	11.	12.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	87	8.5	8.484	8.7	7.8	0.023	0.151	8.3	8.4	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	87	8.5	8.45	8.7	7.8	0.024	0.155	8.3	8.4	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	87	0.003	0.004	0.016	0.002	0.	0.002	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	79 ##	0.	0.051	4.	0.	0.203	0.45	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	87	184.	184.023	214.	138.	316.046	17.778	163.6	170.	200.	208.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	87	6.	6.345	14.	0.	13.508	3.675	2.	4.	8.	12.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	87	207.	208.851	259.	161.	422.826	20.563	184.6	193.	224.	232.4
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	87	7.	7.701	17.	0.	20.793	4.56	2.	5.	10.	15.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	86	0.2	0.265	1.1	0.	0.038	0.195	0.1	0.188	0.3	0.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	87	268.	266.368	334.	220.	611.491	24.728	237.6	248.	280.	292.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	87	66.	65.299	78.	51.	30.491	5.522	58.	62.	69.	72.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	87	26.	25.92	45.	9.	44.54	6.674	17.8	22.	29.	35.2
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	87	264.	260.678	303.	196.	512.128	22.63	231.6	247.	276.	287.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	87	248.	245.908	318.	206.	478.689	21.879	216.	228.	260.	270.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	87	295.	293.839	360.	250.	515.439	22.703	260.	280.	305.	320.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	87	1.	1.018	1.4	0.7	0.014	0.12	0.9	0.95	1.1	1.2
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	87	40.	42.678	250.	0.	1926.105	43.887	0.	3.	50.	100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	87	1126.	1112.149	1265.	928.	5925.245	76.976	1002.6	1048.	1177.	1200.
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	83	0.1	0.265	3.5	0.	0.201	0.448	0.	0.04	0.4	0.56

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

Annual Analysis for 1970 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	43	15.	29.535	92.	1.	1202.255	34.674	1.	1.	40.	90.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	42	61.	58.038	80.2	39.5	223.842	14.961	39.53	41.	72.5	76.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	42	10.	9.19	25.	0.	52.012	7.212	0.	5.	15.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	42	10.	15.952	80.	0.	252.729	15.897	0.	5.	20.	37.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	42	2000.	1962.5	2200.	1775.	14184.451	119.098	1800.	1850.	2000.	2170.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	32	10.	7.694	15.	0.	28.435	5.332	0.	0.625	12.	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	42	8.3	8.35	8.6	8.1	0.018	0.133	8.2	8.3	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	42	8.3	8.331	8.6	8.1	0.018	0.134	8.2	8.3	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	42	0.005	0.005	0.008	0.003	0.	0.001	0.003	0.004	0.005	0.006
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	42 ##	0.	0.19	6.	0.	0.938	0.969	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	42	178.	178.976	250.	143.	302.073	17.38	160.6	170.	184.	193.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	42	4.	3.833	8.	0.	5.459	2.337	0.6	2.	5.25	8.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	42	207.	208.714	298.	167.	518.111	22.762	188.	194.5	215.	236.1
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	42	5.	4.619	10.	0.	8.876	2.979	0.6	2.	6.25	10.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	38	0.22	0.297	1.2	0.1	0.043	0.208	0.1	0.2	0.313	0.51
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	42	261.	266.024	340.	229.	667.243	25.831	236.6	250.	270.	314.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	42	65.	65.667	78.	57.	21.447	4.631	59.2	63.	68.25	71.7
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	42	25.	25.69	40.	14.	31.78	5.637	19.3	22.	29.	34.7
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	42	252.5	251.881	312.	214.	512.351	22.635	223.3	233.	264.5	276.7
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	42	236.	233.762	254.	202.	165.893	12.88	216.6	222.	244.5	249.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	42	290.	296.548	400.	250.	1121.327	33.486	250.	280.	302.5	347.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	42	0.92	0.911	1.1	0.7	0.009	0.097	0.786	0.85	1.	1.
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	42	50.	48.571	150.	0.	1354.007	36.797	0.	17.5	62.5	100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	42	1091.5	1089.167	1258.	975.	4400.093	66.333	994.8	1044.75	1126.	1192.1
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	38	0.3	0.416	1.2	0.2	0.06	0.244	0.2	0.275	0.5	0.71
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	42	0.075	0.118	0.7	0.	0.023	0.153	0.	0.	0.2	0.3

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

Annual Analysis for 1971 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	11	68.	64.	80.	44.	190.6	13.806	44.2	52.	77.	79.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	11	5.	9.364	22.	0.	67.255	8.201	0.	3.	20.	21.6
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	11	20.	16.818	40.	0.	131.364	11.461	1.	10.	20.	38.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	11	2200.	2322.727	3900.	1600.	399181.818	631.808	1610.	2000.	2650.	3680.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	11	10.	10.1	12.	8.	2.122	1.457	8.1	8.5	11.8	12.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	11	8.4	8.4	8.7	8.3	0.016	0.126	8.3	8.3	8.5	8.66
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	11	8.4	8.385	8.7	8.3	0.016	0.127	8.3	8.3	8.5	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	11	0.004	0.004	0.005	0.002	0.	0.001	0.002	0.003	0.005	0.005
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	11	176.	170.545	208.	122.	536.873	23.171	126.8	158.	184.	204.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	11	4.	6.	30.	0.	70.4	8.39	0.4	2.	6.	26.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	11	205.	193.364	239.	149.	758.055	27.533	149.4	173.	210.	234.2
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	11	5.	7.091	36.	0.	102.691	10.134	0.4	2.	7.	31.2
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	11	0.22	0.257	0.6	0.1	0.022	0.149	0.1	0.1	0.32	0.556
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	11	262.	281.636	370.	240.	2471.855	49.718	240.	244.	330.	369.6
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	11	61.	63.545	80.	50.	85.073	9.223	50.8	58.	74.	78.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	11	29.	30.909	47.	22.	69.291	8.324	22.	23.	36.	46.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	11	299.	316.636	429.	231.	4604.255	67.855	236.8	263.	399.	426.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	11	280.	335.273	460.	250.	7618.618	87.285	252.8	270.	450.	460.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	11	320.	330.455	440.	245.	6452.273	80.326	246.	250.	440.	440.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	11	0.95	0.973	1.3	0.7	0.029	0.171	0.71	0.9	1.1	1.27
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	11	80.	69.091	120.	0.	1509.091	38.847	6.	30.	100.	116.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	11	1209.	1278.273	1632.	1005.	54631.418	233.734	1014.4	1077.	1494.	1628.6
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	11	0.4	0.382	0.6	0.	0.036	0.189	0.04	0.3	0.6	0.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	11	0.1	0.161	0.4	0.	0.017	0.13	0.	0.09	0.3	0.38

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Annual Analysis for 1972 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	37	20.	33.595	99.	1.	1284.081	35.834	1.	1.	45.	95.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	36	64.	61.183	79.	39.	175.029	13.23	42.6	45.5	74.75	77.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	35	5.	8.8	80.	0.	205.988	14.352	0.	0.	10.	22.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	35	10.	36.429	220.	0.	3767.017	61.376	0.	0.	30.	167.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	32	1537.5	1540.625	1700.	1350.	12691.532	112.657	1350.	1462.5	1643.75	1700.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	21	9.	8.057	12.	0.	15.889	3.986	0.04	7.5	11.	12.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	37	8.5	8.443	8.6	8.2	0.011	0.107	8.3	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	37	8.5	8.43	8.6	8.2	0.012	0.108	8.3	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	37	0.003	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	36 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	37	170.	170.973	208.	148.	184.805	13.594	155.6	164.	175.	192.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	37	4.	4.541	10.	0.	11.255	3.355	0.	2.	8.	10.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	37	193.	197.459	254.	173.	313.311	17.701	182.	188.	201.5	229.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	37	5.	5.405	12.	0.	17.192	4.146	0.	2.	10.	12.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	37	0.4	0.565	2.3	0.1	0.262	0.512	0.146	0.275	0.7	1.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	37	240.	240.486	264.	220.	142.09	11.92	223.6	230.	248.	260.4
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	37	58.	57.595	62.	52.	4.914	2.217	54.8	56.	59.	60.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	37	24.	24.405	33.	18.	9.859	3.14	19.8	23.	26.	29.2
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	37	246.	250.297	339.	219.	595.381	24.4	221.	235.5	260.	284.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	37	266.	261.081	280.	238.	172.799	13.145	240.	250.	271.	276.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	37	230.	240.216	400.	195.	1967.008	44.351	200.	205.	260.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	37	1.	0.966	1.3	0.8	0.007	0.083	0.9	0.9	1.	1.
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	15	50.	53.333	100.	0.	1952.381	44.186	0.	0.	100.	100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	37	1027.	1037.541	1330.	923.	6823.422	82.604	942.4	984.5	1090.5	1146.4
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	37	0.4	0.371	1.6	0.05	0.078	0.279	0.068	0.1	0.5	0.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	34	0.3	0.39	1.1	0.	0.096	0.31	0.09	0.1	0.5	1.

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Annual Analysis for 1973 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	34	20.	33.471	99.	1.	1307.105	36.154	1.	1.	46.25	97.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	34	64.5	60.897	77.5	38.5	130.572	11.427	44.	52.	70.25	75.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	34 ##	0.	3.647	20.	0.	33.144	5.757	0.	0.	10.	12.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	30	10.	15.5	160.	0.	859.224	29.313	0.	0.	20.	38.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	34	1500.	1477.941	1550.	1400.	3059.269	55.311	1400.	1400.	1500.	1550.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	20	9.	8.6	14.	0.	15.095	3.885	1.1	7.25	12.	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	34	8.5	8.459	8.6	8.2	0.013	0.113	8.3	8.4	8.525	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	34	8.5	8.444	8.6	8.2	0.013	0.114	8.3	8.4	8.525	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	34	0.003	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	34 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	34	172.	170.588	200.	132.	202.068	14.215	150.	162.	180.	189.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	34	6.	5.353	12.	0.	14.235	3.773	0.	2.	8.5	10.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	34	190.	195.118	244.	146.	387.986	19.697	176.5	184.5	205.	222.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	34	7.	6.647	20.	0.	26.296	5.128	0.	2.	12.	12.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	34	0.25	0.431	1.4	0.	0.158	0.397	0.	0.175	0.8	1.15
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	34	260.	268.647	320.	228.	776.66	27.869	240.	244.	298.5	310.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	34	67.5	66.529	88.	51.	164.014	12.807	52.	53.75	78.5	84.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	34	25.5	25.706	32.	19.	11.244	3.353	20.5	23.75	28.	30.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	34	250.5	255.324	332.	211.	1030.286	32.098	217.5	229.5	273.25	310.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	34	246.	250.647	300.	228.	228.296	15.109	237.	240.	264.5	269.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	34	287.5	291.471	400.	210.	3323.529	57.65	225.	250.	332.5	400.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	34	1.	1.056	1.5	0.8	0.027	0.165	0.85	1.	1.1	1.3
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	34	1082.	1091.265	1294.	932.	9164.685	95.732	950.5	1025.75	1150.25	1234.
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	34	0.4	0.421	0.8	0.	0.061	0.247	0.	0.2	0.6	0.75
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	32	0.3	0.373	4.4	0.	0.592	0.77	0.	0.	0.4	0.57

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Annual Analysis for 1974 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	35	20.	33.6	91.	1.	1078.424	32.839	1.	1.	45.	88.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	35	57.	58.04	77.	39.	164.815	12.838	40.	46.	70.	75.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	35 ##	0.	4.429	20.	0.	30.546	5.527	0.	0.	10.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	35 ##	0.	7.286	40.	0.	129.916	11.398	0.	0.	10.	27.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	35	1550.	1555.714	1650.	1425.	3863.445	62.157	1500.	1500.	1600.	1635.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	20	9.5	9.4	14.	1.	6.463	2.542	7.1	9.	10.75	12.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	35	8.4	8.429	8.7	8.3	0.012	0.107	8.3	8.3	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	35	8.4	8.416	8.7	8.3	0.012	0.108	8.3	8.3	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	35	0.004	0.004	0.005	0.002	0.	0.001	0.003	0.003	0.005	0.005
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	35	174.	171.086	190.	130.	234.904	15.327	141.6	168.	180.	187.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	35	4.	6.229	14.	0.	20.534	4.531	1.6	2.	10.	14.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	35	195.	193.6	226.	144.	292.365	17.099	170.8	185.	204.	210.8
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	35	5.	7.486	17.	0.	30.963	5.564	1.6	2.	12.	17.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	35	0.3	0.519	2.3	0.1	0.308	0.555	0.2	0.2	0.48	1.554
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	35	250.	252.914	310.	224.	309.257	17.586	234.	242.	258.	280.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	35	58.	58.771	72.	48.	39.593	6.292	50.	54.	64.	67.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	35	26.	26.629	38.	18.	24.064	4.905	20.6	23.	30.	34.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	35	296.	295.229	342.	249.	723.652	26.901	257.	276.	318.	337.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	35	280.	278.914	324.	260.	173.434	13.169	263.2	270.	284.	291.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	35	325.	321.857	420.	225.	2051.597	45.295	250.	300.	350.	377.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	32	1.	1.024	1.3	0.8	0.015	0.122	0.856	0.942	1.1	1.2
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	35 ##	0.	34.571	200.	0.	2472.605	49.725	0.	0.	60.	100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	35	1171.	1182.286	1321.	1068.	5288.21	72.72	1071.4	1128.	1233.	1303.4
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	35	0.4	0.431	0.8	0.2	0.034	0.184	0.2	0.3	0.6	0.7
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	35	0.4	0.311	0.5	0.04	0.015	0.124	0.064	0.3	0.4	0.4

** - 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

Annual Analysis for 1975 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	3	40.	43.333	52.	38.	57.333	7.572	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	3	5.	5.	10.	0.	25.	5.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	3	5.	9.	22.	0.	133.	11.533	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	3	1625.	1716.667	1925.	1600.	32708.333	180.854	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	3	11.9	11.8	13.5	10.	3.07	1.752	**	**	**	**
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	3	8.	7.733	8.2	7.	0.413	0.643	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	3	8.	7.412	8.2	7.	0.569	0.754	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	3	0.01	0.039	0.1	0.006	0.003	0.053	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	3	172.	164.667	176.	146.	265.333	16.289	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	3	1.	1.667	4.	0.	4.333	2.082	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	3	205.	197.333	210.	177.	316.333	17.786	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	3	1.	2.	5.	0.	7.	2.646	**	**	**	**
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	3	0.35	0.327	0.38	0.25	0.005	0.068	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	3	250.	252.	256.	250.	12.	3.464	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	3	60.	55.667	60.	47.	56.333	7.506	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	3	26.	27.333	32.	24.	17.333	4.163	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	3	306.	318.333	345.	304.	534.333	23.116	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	3	302.	299.333	306.	290.	69.333	8.327	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	3	335.	355.	400.	330.	1525.	39.051	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	3	1.05	1.05	1.12	0.98	0.005	0.07	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	3	20.	340.	1000.	0.	326800.	571.664	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	3	1213.	1246.667	1326.	1201.	4756.333	68.966	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	3	0.2	0.567	1.3	0.2	0.403	0.635	**	**	**	**

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	266	25.	34.632	99.	1.	970.203	31.148	1.	1.	61.	80.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	254	70.	68.626	82.	50.	56.868	7.541	58.	63.	75.	77.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	222	5.	9.315	170.	0.	234.271	15.306	0.	0.	10.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	224	15.	23.214	410.	0.	1446.68	38.035	0.	5.	30.	50.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	204	1600.	1677.451	3900.	1000.	89381.402	298.967	1400.	1500.	1800.	2000.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	157	8.1	7.204	14.	0.	9.667	3.109	1.	7.	9.	10.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	224	8.4	8.419	9.	7.8	0.022	0.147	8.3	8.3	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	224	8.4	8.391	9.	7.8	0.022	0.15	8.3	8.3	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	224	0.004	0.004	0.016	0.001	0.	0.002	0.003	0.003	0.005	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	155 ##	0.	0.206	10.	0.	1.295	1.138	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	224	183.	182.621	250.	122.	356.676	18.886	160.	170.	194.	206.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	220	6.	6.295	30.	0.	24.839	4.984	0.	2.	10.	12.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	224	205.	207.879	298.	144.	549.819	23.448	183.	190.75	219.25	240.5
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	217	7.	7.604	36.	0.	37.361	6.112	0.	2.	12.	15.4
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	219	0.3	0.413	2.3	0.	0.145	0.381	0.1	0.2	0.45	0.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	224	253.	258.152	370.	216.	556.183	23.584	233.	244.	272.	286.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	226	64.	64.389	88.	0.	82.923	9.106	55.	58.	70.25	76.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	226	24.	24.265	47.	9.	28.685	5.356	18.	20.	27.	30.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	221	253.	255.095	429.	166.	1403.577	37.464	212.4	230.	274.5	300.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	225	242.	246.862	460.	182.	1382.718	37.185	204.6	227.	262.	280.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	225	275.	273.747	440.	180.	2922.797	54.063	210.	230.	300.	350.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	217	1.	0.971	1.5	0.7	0.016	0.125	0.8	0.9	1.	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	172	40.	63.099	1500.	0.	22909.341	151.358	0.	0.	60.	100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	221	1070.	1084.932	1632.	894.	12836.545	113.298	951.	1014.5	1144.5	1215.8
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	209	0.09	0.25	4.4	0.	0.225	0.474	0.	0.04	0.3	0.6

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	171	20.	32.222	99.	1.	978.774	31.285	1.	1.	45.	79.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	161	43.	44.637	59.	36.	32.314	5.685	38.	40.	49.	52.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	154	10.	10.117	112.	0.	114.771	10.713	0.	5.	12.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	155	20.	23.432	185.	0.	803.507	28.346	0.	10.	30.	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	141	1700.	1677.021	2200.	1300.	38898.207	197.226	1413.	1500.	1825.	1945.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	114	12.	11.239	17.	0.	7.346	2.71	8.9	11.	12.25	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	163	8.5	8.474	8.8	7.	0.03	0.175	8.3	8.4	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	163	8.5	8.393	8.8	7.	0.037	0.192	8.3	8.4	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	163	0.003	0.004	0.1	0.002	0.	0.008	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/67-12/11/73	115 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	155	190.	186.426	234.	132.	368.714	19.202	162.	172.	202.	208.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	154	6.	6.929	20.	0.	15.06	3.881	2.	4.	10.	12.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	155	210.	210.432	256.	146.	468.805	21.652	185.	193.	229.	239.4
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	154	7.	8.416	24.	0.	23.173	4.814	2.	5.	12.	15.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	159	0.25	0.302	1.7	0.1	0.042	0.205	0.15	0.2	0.35	0.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	155	266.	266.123	340.	200.	640.017	25.299	237.2	248.	278.	300.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	153	66.	65.072	80.	47.	49.422	7.03	55.4	59.5	70.	73.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	153	25.	26.	47.	15.	33.329	5.773	20.	22.	29.	34.6
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	151	241.	245.781	345.	192.	947.279	30.778	213.2	222.	263.	286.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	155	240.	240.665	318.	200.	583.874	24.163	214.	220.	260.	270.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	163	250.	263.037	400.	188.	2016.505	44.906	210.	225.	300.	320.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	155	1.	1.01	1.3	0.8	0.009	0.097	0.9	0.95	1.1	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	141	40.	47.73	250.	0.	2730.527	52.254	0.	0.	70.	100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	151	1044.	1066.55	1326.	918.	8083.449	89.908	964.6	999.	1135.	1190.4
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	146	0.15	0.202	1.3	0.	0.043	0.206	0.	0.04	0.325	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 box-and-whisker plot

Station Inventory for Station: LAMR0017

NPS Station ID: LAMR0017 LAT/LON: 35.711115/-101.558337 Agency: 11NPSWRD Date Created: 07/25/98
Location: Lake Meredith Reservoir Near Dam FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): LAMR_IMS24-1 /IMS24-1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS Elevation: 0 Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT ECO Region:
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
The station is located on the Sanford TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Water Quality Board. Sediment analyzed for toxics. Sample taken from Lake Meredith near dam." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	1	490.	490.	490.	490.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	1	78.	78.	78.	78.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1	26.	26.	26.	26.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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

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

Station Inventory for Station: LAMR0018

NPS Station ID: LAMR0018 | LAT/LON: 35.695365/-101.571170 | Agency: 11NPSWRD | Date Created: 06/27/98
Location: LAKE MEREDITH-CEDAR CANYON | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_09 /10051
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE CEDAR CANYON AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10051) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	73	4.	5.562	20.	1.	29.166	5.401	1.	1.	10.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-08/24/79	31	21.	17.016	25.	3.5	59.927	7.741	3.76	9.5	23.7	23.98
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-08/24/79	41	68.	62.39	80.	38.3	200.48	14.159	39.36	49.	74.55	76.7
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	9	86.7	86.767	89.9	83.	7.09	2.663	83.	83.85	89.2	89.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/24/79	8	18.5	18.375	32.	1.	129.411	11.376	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/16/77-08/24/79	3	60.	52.333	61.	36.	200.333	14.154	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/67-06/07/78	34	1743.5	1737.676	1900.	1550.	16560.104	128.686	1555.	1617.	1856.25	1900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-08/24/79	12	2054.	2066.5	2240.	1969.	7953.727	89.184	1972.3	2002.	2104.	2235.2
00300	OXYGEN, DISSOLVED MG/L	01/17/67-08/24/79	50	8.35	9.016	12.6	7.	2.884	1.698	7.31	7.7	10.15	12.18
00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/67-02/18/69	10	0.55	1.3	6.	0.	3.236	1.799	0.	0.3	2.	5.6
00400	PH (STANDARD UNITS)	06/23/67-08/24/79	38	8.4	8.379	8.9	7.2	0.169	0.411	7.67	8.3	8.7	8.9
00400	CONVERTED PH (STANDARD UNITS)	06/23/67-08/24/79	38	8.4	8.118	8.9	7.2	0.239	0.488	7.67	8.3	8.7	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/67-08/24/79	38	0.004	0.008	0.063	0.001	0.	0.013	0.001	0.002	0.005	0.022
00403	PH, LAB, STANDARD UNITS SU	06/18/74-08/24/79	12	8.45	8.425	8.7	8.2	0.033	0.182	8.2	8.225	8.6	8.67
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-08/24/79	12	8.447	8.391	8.7	8.2	0.034	0.185	8.2	8.225	8.6	8.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-08/24/79	12	0.004	0.004	0.006	0.002	0.	0.002	0.002	0.003	0.006	0.006
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/67-08/24/79	11	182.	173.	195.	140.	368.6	19.199	140.8	150.	187.	193.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/23/67-10/05/71	8	3.	2.5	4.	0.	2.857	1.69	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/23/67-01/10/68	6	219.	219.5	228.	215.	24.7	4.97	**	**	**	**

** - 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

Parameter Inventory for Station: LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445	CARBONATE ION (MG/L AS CO3)	06/23/67-01/10/68	6	4.5	4.167	5.	2.	1.367	1.169	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/67-08/24/79	18	19.5	319.611	980.	5.	201857.781	449.286	5.	5.	920.	962.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-08/24/79	12 ##	5.	5.333	8.	3.	1.515	1.231	3.6	5.	5.75	7.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-08/24/79	12 ##	0.05	0.045	0.05	0.01	0.	0.012	0.016	0.05	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-08/24/79	12 ##	0.015	0.022	0.05	0.01	0.	0.014	0.01	0.01	0.03	0.047
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-08/24/79	16	0.045	0.064	0.16	0.	0.003	0.055	0.011	0.019	0.105	0.16
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-08/24/79	12 ##	0.015	0.019	0.06	0.015	0.	0.013	0.015	0.015	0.015	0.047
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-08/24/79	12	0.01	0.017	0.04	0.01	0.	0.01	0.01	0.01	0.02	0.037
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-08/24/79	12	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.01	0.01	0.017
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-08/24/79	12	6.	6.75	12.	4.	10.205	3.194	4.	4.	10.	12.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/67-10/05/71	8	253.	254.25	269.	245.	81.357	9.02	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/23/67-01/10/68	6	66.	67.167	72.	65.	8.167	2.858	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/23/67-01/10/68	6	22.	21.833	23.	21.	0.567	0.753	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/23/67-01/10/68	5	204.	206.2	217.	202.	37.7	6.14	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/67-08/24/79	29	264.	271.69	341.	209.	1319.507	36.325	212.	254.	300.	314.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	7	300.	310.714	350.	290.	503.571	22.44	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/67-08/24/79	23	282.	274.043	485.	191.	3772.771	61.423	199.4	211.	300.	312.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/67-01/10/68	6	0.9	0.95	1.1	0.9	0.007	0.084	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/67-01/10/68	5	40.	48.	60.	40.	120.	10.954	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/67-10/05/71	8 ##	25.	18.75	25.	0.	133.929	11.573	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	298	2.	7.242	140.	0.	313.8	17.714	0.	0.	6.	16.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	298	0.301	0.446	2.146	0.	0.276	0.526	0.	0.	0.778	1.207
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.792								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	288	0.	2.688	183.	0.	187.686	13.7	0.	0.	0.	4.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	288	0.	0.158	2.262	0.	0.135	0.367	0.	0.	0.	0.612
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.438								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	242	0.	3.277	159.	0.	167.869	12.956	0.	0.	3.	8.1
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	242	0.	0.234	2.201	0.	0.168	0.409	0.	0.	0.477	0.901
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.716								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	2	0.301	0.301	0.602	0.	0.181	0.426	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			2.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-08/24/79	12 ##	2.	2.917	7.	1.	3.356	1.832	1.3	2.	3.75	6.7
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-08/24/79	3 ##	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/77-06/07/78	2	1090.	1090.	1100.	1080.	200.	14.142	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/23/67-01/10/68	6 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	1	82.18	82.18	82.18	82.18	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	6	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	50	0	0.00	30	0	0.00	20	0	0.00						
00400	PH	Fresh Chronic	9.	38	0	0.00	28	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	38	0	0.00	28	0	0.00	10	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	12	0	0.00	8	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	12	0	0.00	8	0	0.00	4	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	8	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	29	0	0.00	21	0	0.00	8	0	0.00						
		Drinking Water	250.	29	23	0.79	21	16	0.76	8	7	0.88						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	4	0	0.00	3	0	0.00						
		Drinking Water	250.	7	7	1.00	4	4	1.00	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	23	17	0.74	17	12	0.71	6	5	0.83						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	5	0	0.00	1	0	0.00						

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

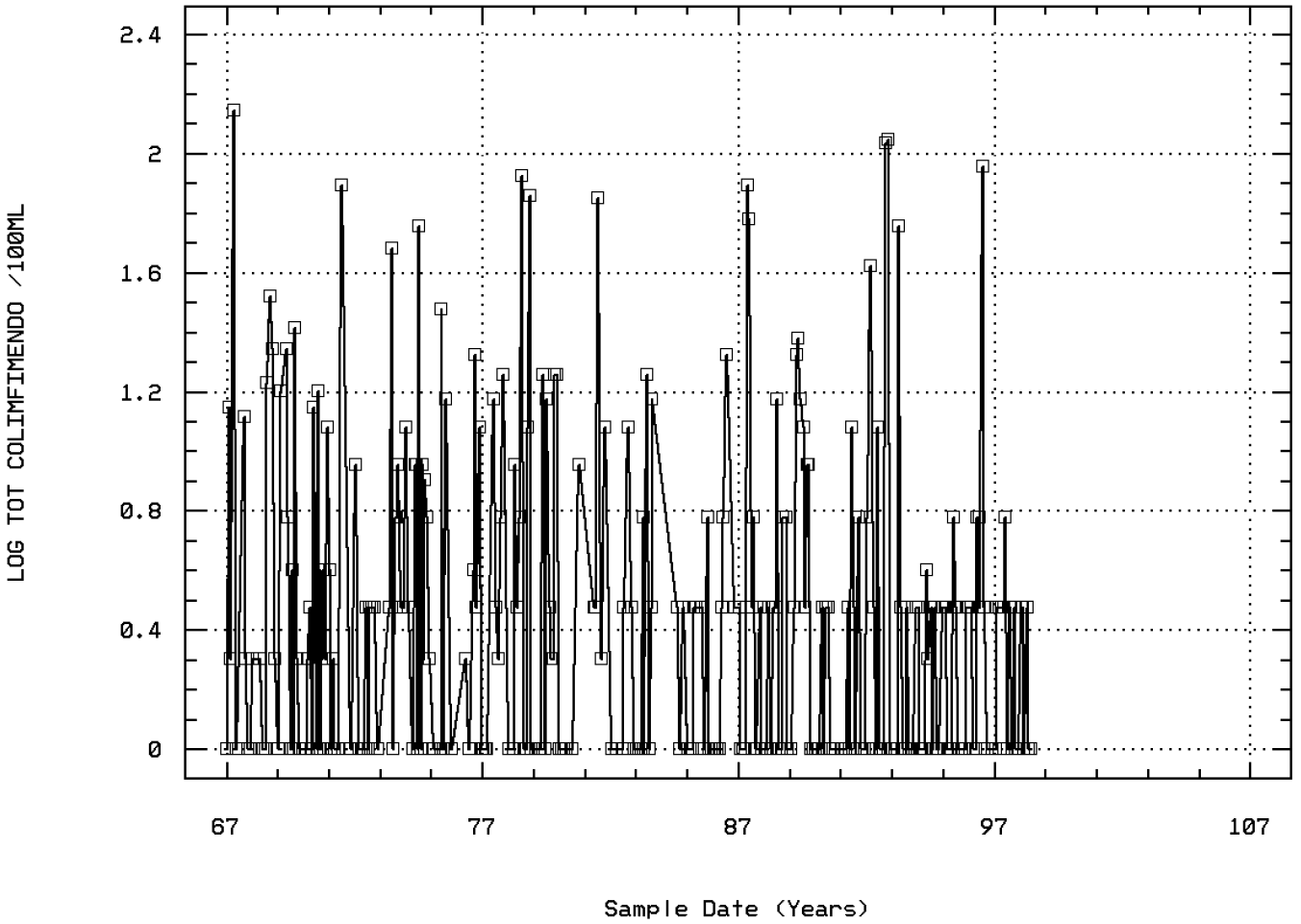
EPA Water Quality Criteria Analysis for Station: LAMR0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	298	0	0.00	168	0	0.00	130	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	288	0	0.00	164	0	0.00	124	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	6	0	0.00	5	0	0.00	1	0	0.00						

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

Station: LAMR0018 Parameter Code: 31501

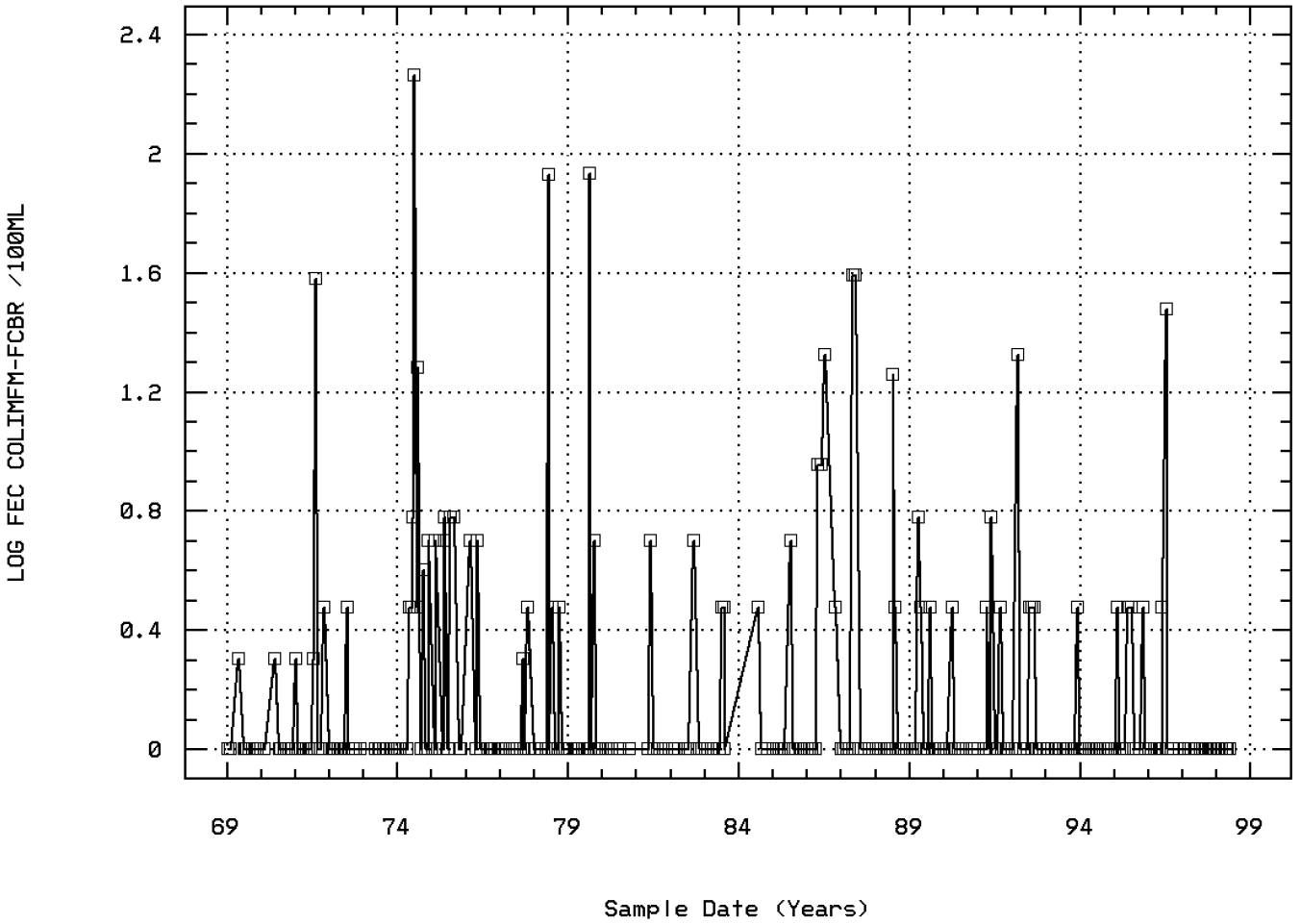
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-CEDAR CANYON

Station: LAMR0018 Parameter Code: 31616

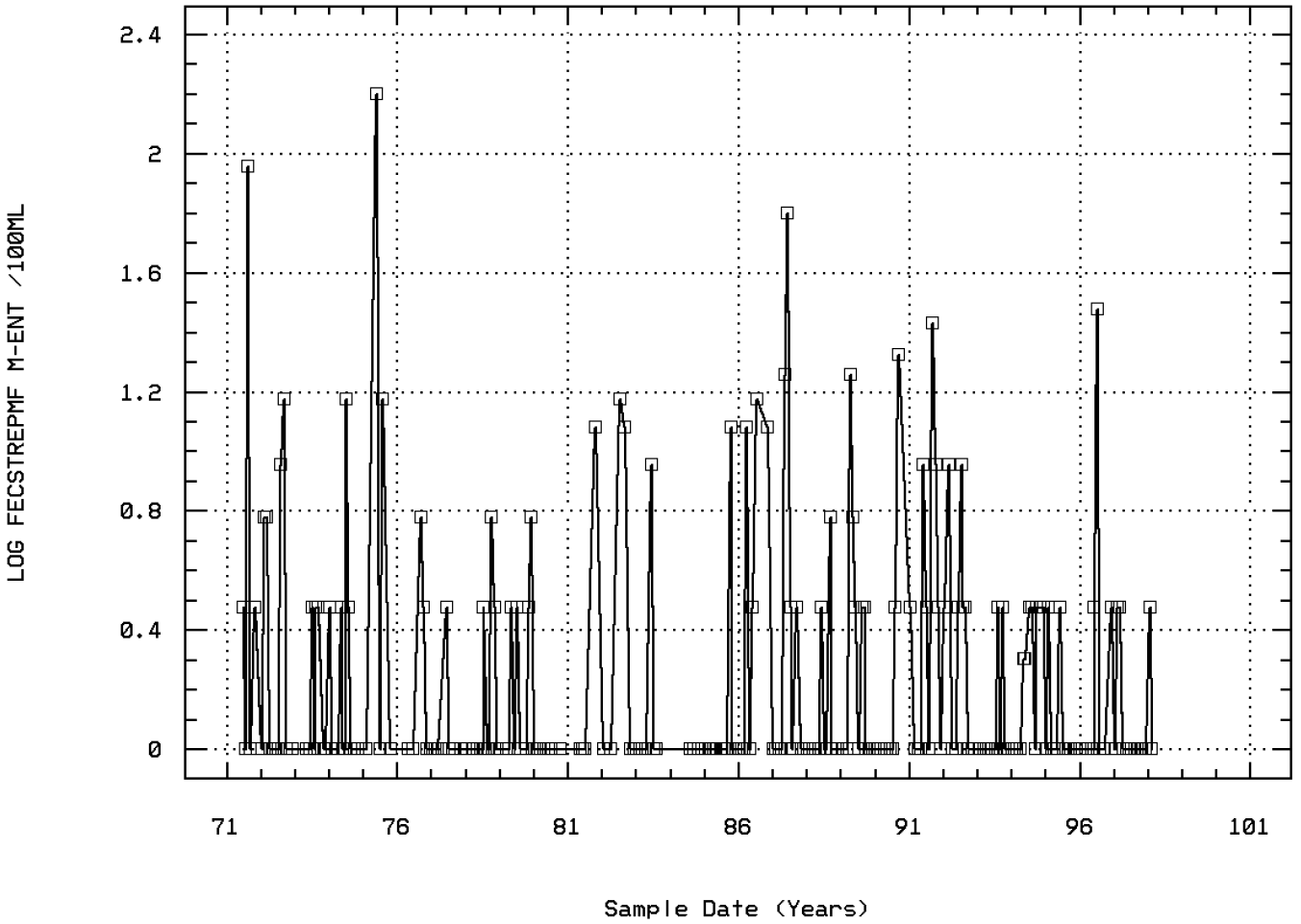
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-CEDAR CANYON

Station: LAMR0018 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-CEDAR CANYON

Annual Analysis for 1967 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	9	2.	19.	140.	0.	2090.5	45.722	0.	0.	13.5	140.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	9	0.301	0.556	2.146	0.	0.569	0.755	0.	0.	1.13	2.146
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.601								

** - Less than 9 observations ## - Computed 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 1968 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	8	2.	9.75	33.	0.	159.071	12.612	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	8	0.301	0.624	1.519	0.	0.397	0.63	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.21								

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

Annual Analysis for 1969 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	12	3.	7.25	26.	0.	85.659	9.255	0.	0.	14.5	24.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	12	0.452	0.554	1.415	0.	0.331	0.575	0.	0.	1.153	1.393
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.577								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.182	2.	0.	0.364	0.603	0.	0.	0.	1.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.027	0.301	0.	0.008	0.091	0.	0.	0.	0.241
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.065								

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

Annual Analysis for 1970 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	2.	4.818	16.	0.	37.364	6.113	0.	0.	12.	15.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.301	0.465	1.204	0.	0.233	0.482	0.	0.	1.079	1.193
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.915								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.25	2.	0.	0.5	0.707	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.038	0.301	0.	0.011	0.106	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.091								

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

Annual Analysis for 1971 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	8	1.	11.75	78.	0.	728.5	26.991	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	8	0.151	0.474	1.892	0.	0.462	0.68	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.981								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	3.75	38.	0.	117.477	10.839	0.	0.	2.	27.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.222	1.58	0.	0.21	0.459	0.	0.	0.301	1.249
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.666								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	3.	19.2	90.	0.	1568.7	39.607	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.477	0.582	1.954	0.	0.646	0.804	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.817								

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Annual Analysis for 1972 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	10	1.5	2.1	9.	0.	8.1	2.846	0.	0.	3.	8.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	10	0.239	0.286	0.954	0.	0.111	0.334	0.	0.	0.477	0.907
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.933								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.273	15.	0.	26.018	5.101	0.	0.	6.	13.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.335	1.176	0.	0.227	0.476	0.	0.	0.778	1.132
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.163								

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Annual Analysis for 1973 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	8	4.5	9.75	48.	0.	246.214	15.691	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	8	0.628	0.703	1.681	0.	0.24	0.49	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.045								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.125	3.	0.	2.411	1.553	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.179	0.477	0.	0.061	0.247	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.51								

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Annual Analysis for 1974 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	13	6.	9.	57.	0.	225.	15.	0.	1.	9.	39.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	13	0.778	0.651	1.756	0.	0.276	0.525	0.	0.151	0.954	1.485
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.473								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	14	3.	16.143	183.	0.	2331.209	48.283	0.	0.	5.25	101.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	14	0.477	0.504	2.262	0.	0.411	0.641	0.	0.	0.719	1.771
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.189								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	2.4	15.	0.	21.6	4.648	0.	0.	3.	13.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.261	1.176	0.	0.154	0.392	0.	0.	0.477	1.106
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.823								

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Annual Analysis for 1975 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	6	0.	7.5	30.	0.	157.5	12.55	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	6	0.	0.442	1.477	0.	0.478	0.692	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.768								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	3.	2.9	6.	0.	8.322	2.885	0.	0.	6.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.349	0.373	0.778	0.	0.156	0.394	0.	0.	0.778	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.362								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	34.8	159.	0.	4862.7	69.733	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.675	2.201	0.	0.987	0.993	**	**	**	**

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Annual Analysis for 1975 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.737								

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Annual Analysis for 1976 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	7	3.	6.	21.	0.	60.333	7.767	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	7	0.477	0.54	1.322	0.	0.258	0.508	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.469								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	1.111	5.	0.	4.861	2.205	0.	0.	2.5	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.155	0.699	0.	0.095	0.308	0.	0.	0.349	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.43								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	1.5	6.	0.	6.3	2.51	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.209	0.778	0.	0.114	0.338	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.619								

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Annual Analysis for 1977 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	8	2.5	5.5	18.	0.	50.857	7.131	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	8	0.389	0.498	1.255	0.	0.271	0.52	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.151								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.556	3.	0.	1.278	1.13	0.	0.	1.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.086	0.477	0.	0.031	0.177	0.	0.	0.151	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.22								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	0.429	3.	0.	1.286	1.134	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.068	0.477	0.	0.033	0.18	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.17								

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Annual Analysis for 1978 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	3.	16.909	84.	0.	936.491	30.602	0.	0.	12.	81.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.477	0.643	1.924	0.	0.552	0.743	0.	0.	1.079	1.911
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.393								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	7.583	85.	0.	595.72	24.407	0.	0.	2.25	60.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.24	1.929	0.	0.317	0.563	0.	0.	0.358	1.494
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.739								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	1.	6.	0.	3.818	1.954	0.	0.	2.25	5.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.144	0.778	0.	0.074	0.271	0.	0.	0.358	0.688
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.394								

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Annual Analysis for 1979 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	10	2.5	7.6	18.	0.	70.711	8.409	0.	0.	18.	18.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	10	0.389	0.602	1.255	0.	0.322	0.567	0.	0.	1.255	1.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	8.273	86.	0.	666.818	25.823	0.	0.	0.	69.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.239	1.934	0.	0.36	0.6	0.	0.	0.	1.687
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.735								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.667	6.	0.	4.75	2.179	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.246	0.778	0.	0.093	0.305	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.76								

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Annual Analysis for 1980 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	6	0.	1.5	9.	0.	13.5	3.674	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	6	0.	0.159	0.954	0.	0.152	0.39	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.442								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	5	3.	18.2	71.	2.	887.7	29.794	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	5	0.477	0.837	1.851	0.301	0.408	0.639	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.873								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	5	0.	1.	5.	0.	5.	2.236	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	5	0.	0.14	0.699	0.	0.098	0.313	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.38								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	4	0.	3.	12.	0.	36.	6.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	4	0.	0.27	1.079	0.	0.291	0.54	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.861								

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Annual Analysis for 1982 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	7	0.	2.571	12.	0.	19.286	4.392	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	7	0.	0.29	1.079	0.	0.172	0.414	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.952								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	7	0.	0.714	5.	0.	3.571	1.89	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	7	0.	0.1	0.699	0.	0.07	0.264	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.258								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	4.5	15.	0.	49.5	7.036	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.376	1.176	0.	0.34	0.583	**	**	**	**

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

Annual Analysis for 1982 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.376								

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

Annual Analysis for 1983 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	9	0.	4.667	18.	0.	49.75	7.053	0.	0.	10.5	18.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	9	0.	0.41	1.255	0.	0.285	0.534	0.	0.	0.977	1.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.568								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.75	3.	0.	1.929	1.389	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.119	0.477	0.	0.049	0.221	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.316								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.125	9.	0.	10.125	3.182	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.119	0.954	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.316								

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

Annual Analysis for 1984 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	3	3.	2.	3.	0.	3.	1.732	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	3	0.477	0.318	0.477	0.	0.076	0.275	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.08								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	3	0.	0.159	0.477	0.	0.076	0.275	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.442								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1985 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	0.	1.636	6.	0.	4.255	2.063	0.	0.	3.	5.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.	0.244	0.778	0.	0.086	0.293	0.	0.	0.477	0.718
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.755								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.455	5.	0.	2.273	1.508	0.	0.	0.	4.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.064	0.699	0.	0.044	0.211	0.	0.	0.	0.559
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.158								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.091	12.	0.	13.091	3.618	0.	0.	0.	9.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.098	1.079	0.	0.106	0.325	0.	0.	0.	0.863
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.253								

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Annual Analysis for 1986 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	8	1.5	4.125	21.	0.	51.268	7.16	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	8	0.239	0.382	1.322	0.	0.235	0.484	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.409								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	1.5	5.25	21.	0.	55.929	7.479	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.239	0.463	1.322	0.	0.297	0.545	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.907								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	1.5	5.25	15.	0.	43.071	6.563	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.239	0.476	1.176	0.	0.303	0.551	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.995								

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Annual Analysis for 1987 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	3.	13.909	78.	0.	761.891	27.602	0.	0.	6.	74.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.477	0.535	1.892	0.	0.489	0.699	0.	0.	0.778	1.869
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.424								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	7.8	39.	0.	270.4	16.444	0.	0.	9.75	39.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.318	1.591	0.	0.45	0.671	0.	0.	0.398	1.591
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.081								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	7.909	63.	0.	362.291	19.034	0.	0.	3.	54.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.364	1.799	0.	0.381	0.617	0.	0.	0.477	1.691
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.314								

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Annual Analysis for 1988 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	12	1.5	3.	15.	0.	19.636	4.431	0.	0.	5.25	12.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	12	0.239	0.347	1.176	0.	0.167	0.408	0.	0.	0.703	1.057
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.223								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	0.	1.615	18.	0.	24.923	4.992	0.	0.	0.	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	0.	0.133	1.255	0.	0.131	0.362	0.	0.	0.	0.944
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.359								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.818	6.	0.	3.764	1.94	0.	0.	0.	5.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.114	0.778	0.	0.069	0.263	0.	0.	0.	0.718
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.301								

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Annual Analysis for 1989 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	9.	8.727	24.	0.	72.818	8.533	0.	0.	15.	23.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.954	0.711	1.38	0.	0.292	0.54	0.	0.	1.176	1.369
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.14								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	1.091	6.	0.	4.091	2.023	0.	0.	3.	5.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.157	0.778	0.	0.079	0.281	0.	0.	0.477	0.718
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.437								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.	18.	0.	28.8	5.367	0.	0.	3.	15.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.315	1.255	0.	0.177	0.421	0.	0.	0.477	1.16

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Annual Analysis for 1989 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.065								

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Annual Analysis for 1990 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	9	0.	1.	3.	0.	2.25	1.5	0.	0.	3.	3.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	9	0.	0.159	0.477	0.	0.057	0.239	0.	0.	0.477	0.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.442								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.375	3.	0.	1.125	1.061	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.06	0.477	0.	0.028	0.169	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.147								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	2.667	21.	0.	48.25	6.946	0.	0.	1.5	21.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.2	1.322	0.	0.202	0.449	0.	0.	0.239	1.322
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.585								

** - Less than 9 observations ## - Computed 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 LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	0.	2.182	12.	0.	14.564	3.816	0.	0.	3.	10.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.	0.256	1.079	0.	0.151	0.388	0.	0.	0.477	1.019
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.801								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	1.	6.	0.	3.818	1.954	0.	0.	2.25	5.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.144	0.778	0.	0.074	0.271	0.	0.	0.358	0.688
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.394								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	4.909	27.	0.	65.291	8.08	0.	0.	9.	23.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.434	1.431	0.	0.248	0.498	0.	0.	0.954	1.336
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.715								

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Annual Analysis for 1992 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	3.	25.636	111.	0.	1870.855	43.253	0.	0.	42.	110.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.477	0.731	2.045	0.	0.708	0.841	0.	0.	1.623	2.043
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.378								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	2.727	21.	0.	38.618	6.214	0.	0.	3.	17.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.25	1.322	0.	0.174	0.417	0.	0.	0.477	1.153
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.78								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	2.727	9.	0.	11.618	3.409	0.	0.	3.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.347	0.954	0.	0.141	0.375	0.	0.	0.477	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.223								

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Annual Analysis for 1993 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	0.	6.	57.	0.	288.	16.971	0.	0.	3.	46.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.	0.29	1.756	0.	0.284	0.533	0.	0.	0.477	1.5
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.949								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.221								

** - Less than 9 observations ## - Computed 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 LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	12	1.	1.5	4.	0.	2.636	1.624	0.	0.	3.	3.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	12	0.151	0.234	0.602	0.	0.064	0.253	0.	0.	0.477	0.565
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.715								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	2.	1.583	3.	0.	2.083	1.443	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.301	0.249	0.477	0.	0.052	0.229	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.774								

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

Annual Analysis for 1995 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	0.	1.636	6.	0.	4.255	2.063	0.	0.	3.	5.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.	0.244	0.778	0.	0.086	0.293	0.	0.	0.477	0.718
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.755								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	1.091	3.	0.	2.291	1.514	0.	0.	3.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.173	0.477	0.	0.058	0.241	0.	0.	0.477	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.491								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.221								

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

Annual Analysis for 1996 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	11	3.	10.364	90.	0.	702.655	26.508	0.	0.	6.	73.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	11	0.477	0.493	1.954	0.	0.327	0.572	0.	0.	0.778	1.719
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.109								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	3.	30.	0.	81.	9.	0.	0.	0.	24.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.178	1.477	0.	0.206	0.454	0.	0.	0.	1.277
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.505								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.273	30.	0.	80.018	8.945	0.	0.	3.	24.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.221	1.477	0.	0.21	0.458	0.	0.	0.477	1.277

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

Annual Analysis for 1996 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.664								

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

Annual Analysis for 1997 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	12	3.	2.	6.	0.	3.818	1.954	0.	0.	3.	5.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	12	0.477	0.303	0.778	0.	0.079	0.281	0.	0.	0.477	0.688
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.011								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	0.5	3.	0.	1.364	1.168	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.08	0.477	0.	0.034	0.186	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.201								

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

Annual Analysis for 1998 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	6	1.5	1.5	3.	0.	2.7	1.643	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	6	0.239	0.239	0.477	0.	0.068	0.261	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	48	5.	5.729	20.	1.	29.18	5.402	1.	1.	10.	15.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-08/24/79	27	73.	71.515	80.	59.7	32.43	5.695	60.78	68.	75.	78.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/67-06/07/78	25	1800.	1786.76	1900.	1560.	11909.19	109.129	1617.	1700.	1900.	1900.
00300	OXYGEN, DISSOLVED MG/L	01/17/67-08/24/79	30	7.9	7.983	9.4	7.	0.437	0.661	7.03	7.65	8.225	9.18
00400	PH (STANDARD UNITS)	06/23/67-08/24/79	28	8.3	8.271	8.9	7.2	0.171	0.414	7.4	8.2	8.5	8.72
00400	CONVERTED PH (STANDARD UNITS)	06/23/67-08/24/79	28	8.3	8.022	8.9	7.2	0.236	0.485	7.4	8.2	8.5	8.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/67-08/24/79	28	0.005	0.01	0.063	0.001	0.	0.014	0.002	0.003	0.006	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/67-08/24/79	10	178.5	170.8	189.	140.	350.4	18.719	140.4	148.5	184.75	188.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/67-08/24/79	13	26.	365.	960.	5.	214811.333	463.477	5.	5.	920.	948.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-08/24/79	11	0.03	0.059	0.16	0.	0.003	0.056	0.003	0.015	0.09	0.16
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/67-08/24/79	21	260.	268.857	341.	209.	1516.929	38.948	212.	235.5	298.5	314.8
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/67-08/24/79	17	282.	275.765	485.	191.	4778.191	69.124	197.4	208.	300.	353.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	168	3.	9.548	140.	0.	409.842	20.245	0.	0.	9.	21.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	168	0.477	0.563	2.146	0.	0.307	0.554	0.	0.	0.954	1.324
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.659								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	164	0.	4.354	183.	0.	320.574	17.905	0.	0.	3.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	164	0.	0.234	2.262	0.	0.196	0.443	0.	0.	0.477	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.713								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	137	0.	5.131	159.	0.	285.688	16.902	0.	0.	3.	12.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	137	0.	0.329	2.201	0.	0.227	0.476	0.	0.	0.477	1.099
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.134								

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

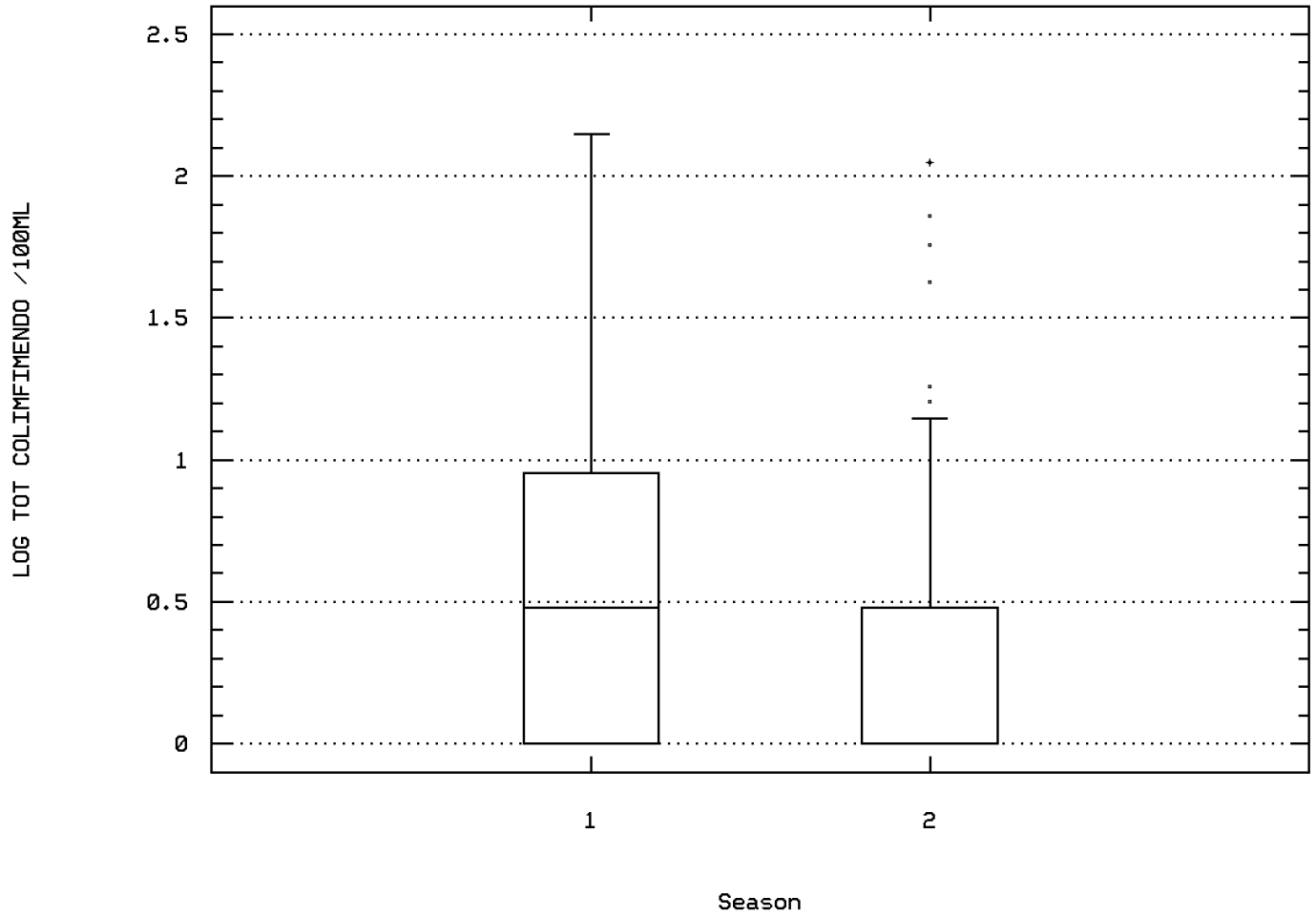
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	25	3.	5.24	19.	1.	30.19	5.495	1.	1.	9.	15.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-08/24/79	14	41.	44.793	56.	38.3	45.593	6.752	38.3	38.975	50.25	55.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/67-06/07/78	9	1575.	1601.333	1737.	1550.	4141.	64.351	1550.	1550.	1650.	1737.
00300	OXYGEN, DISSOLVED MG/L	01/17/67-08/24/79	20	10.4	10.565	12.6	7.	2.561	1.6	8.1	9.55	12.15	12.58
00400	PH (STANDARD UNITS)	06/23/67-08/24/79	10	8.7	8.68	8.9	8.3	0.044	0.21	8.32	8.5	8.9	8.9
00400	CONVERTED PH (STANDARD UNITS)	06/23/67-08/24/79	10	8.689	8.633	8.9	8.3	0.047	0.216	8.32	8.5	8.9	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/67-08/24/79	10	0.002	0.002	0.005	0.001	0.	0.001	0.001	0.001	0.003	0.005
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/67-08/24/79	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/67-08/24/79	5 ##	5.	201.6	980.	5.	189357.8	435.153	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-08/24/79	5	0.05	0.075	0.16	0.015	0.003	0.059	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/67-08/24/79	8	278.5	279.125	313.	232.	856.696	29.269	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/67-08/24/79	6	278.	269.167	300.	201.	1271.367	35.656	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/67-06/01/98	130	0.	4.262	111.	0.	176.024	13.267	0.	0.	3.	9.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/67-06/01/98	130	0.	0.294	2.045	0.	0.197	0.444	0.	0.	0.477	0.995
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.969								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	124	0.	0.484	21.	0.	4.512	2.124	0.	0.	0.	1.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	124	0.	0.057	1.322	0.	0.037	0.191	0.	0.	0.	0.151
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.14								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	105	0.	0.857	12.	0.	4.97	2.229	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	105	0.	0.111	1.079	0.	0.065	0.254	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.291								

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

Station: LAMR0018 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-CEDAR CANYON

Station Inventory for Station: LAMR0019

NPS Station ID: LAMR0019 LAT/LON: 35.696003/-101.576004 Agency: 11NPSWRD Date Created: 10/24/98
Location: LAKE MEREDITH-CEDAR CANYON FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): LAMR_TPWD_05
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: S CENTRAL LOWER MISS. R Elevation: 2915 Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE ECO Region:
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE CEDAR CANYON AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	52	16.1	16.95	24.4	4.4	21.665	4.655	11.	14.25	21.	23.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	51	21.	19.133	31.2	1.	49.18	7.013	10.	14.2	24.5	26.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	43	0.7	0.927	3.05	0.22	0.449	0.67	0.43	0.56	1.05	1.83
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	23	1850.	1903.261	2500.	1500.	54562.747	233.587	1600.	1700.	2050.	2220.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	48	8.3	8.402	11.	5.3	1.404	1.185	6.77	7.925	9.	10.04

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

EPA Water Quality Criteria Analysis for Station: LAMR0019

				Total	Exceed	Prop.	----------4/15-10/31----------			----------11/01-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	48	0	0.00	42	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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	46	17.6	17.967	24.4	11.	13.977	3.739	12.77	15.375	21.625	23.65
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	45	22.	20.476	31.2	6.	35.951	5.996	11.	15.	24.75	26.28
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	38	0.73	0.931	3.05	0.25	0.466	0.683	0.455	0.548	1.013	1.921
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	22	1925.	1921.591	2500.	1550.	49065.206	221.507	1682.5	1775.	2050.	2240.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	42	8.15	8.283	11.	5.3	1.35	1.162	6.59	7.8	9.	9.88

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	6	9.75	9.15	14.	4.4	12.655	3.557	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	6	10.6	9.067	15.	1.	37.611	6.133	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	5	0.61	0.9	1.83	0.22	0.401	0.633	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	6	8.95	9.233	11.	8.	1.187	1.089	**	**	**	**

** - Less than 9 observations ## - Computed 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: LAMR0020

NPS Station ID: LAMR0020 | LAT/LON: 35.724004/-101.576004 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: LAKE MEREDITH-NORTH CANYON | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_TPWD_01
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 2915 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE NORTH CANYON AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	49	17.	16.922	24.	4.4	21.251	4.61	11.	13.5	21.	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	48	19.5	18.817	33.3	1.	51.589	7.183	9.92	14.05	24.35	26.88
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	39	1.02	1.278	3.05	0.51	0.431	0.657	0.61	0.76	1.52	2.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	21	1900.	1876.429	2380.	1350.	63842.857	252.671	1430.	1750.	2025.	2180.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	46	8.1	8.407	11.	4.4	1.614	1.271	7.05	7.9	9.	10.29

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

EPA Water Quality Criteria Analysis for Station: LAMR0020

				Total	Exceed	Prop.	----------4/15-10/31----------			----------11/01-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	46	0	0.00	42	0	0.00	4	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	45	18.	17.724	24.	11.	14.171	3.764	12.42	15.	21.	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	44	20.5	19.864	33.3	7.	39.471	6.283	10.5	15.	24.475	27.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	36	0.99	1.278	3.05	0.51	0.452	0.672	0.61	0.768	1.52	2.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	21	1900.	1876.429	2380.	1350.	63842.857	252.671	1430.	1750.	2025.	2180.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	42	8.05	8.274	11.	4.4	1.445	1.202	6.85	7.875	9.	9.88

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	4	7.1	7.9	13.	4.4	13.987	3.74	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	4	6.1	7.3	16.	1.	49.56	7.04	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	3	1.23	1.273	1.83	0.76	0.288	0.536	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	4	10.1	9.8	11.	8.	1.627	1.275	**	**	**	**

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

Station Inventory for Station: LAMR0021

NPS Station ID: LAMR0021 | LAT/LON: 35.726170/-101.576309 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LAKE MEREDITH-NORTH CANYON | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_04
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE NORTH CANYON AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/10/70	13	54.	56.154	81.	39.	268.641	16.39	39.4	40.	73.5	80.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-07/15/69	6	19.5	18.	22.	11.	15.6	3.95	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/15/67-11/20/67	2	1145.5	1145.5	1674.	617.	558624.5	747.412	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/67-02/10/70	16	8.	8.212	11.	6.	2.152	1.467	6.35	7.	9.75	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	06/22/67-03/17/69	6	0.75	0.767	1.4	0.3	0.187	0.432	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/67-10/11/71	10	8.4	8.4	8.5	8.3	0.004	0.067	8.3	8.375	8.425	8.5
00400	CONVERTED PH (STANDARD UNITS)	09/15/67-10/11/71	10	8.4	8.395	8.5	8.3	0.004	0.067	8.3	8.375	8.425	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/67-10/11/71	10	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.004	0.004	0.005
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/67-10/11/71	4	181.	183.	192.	178.	44.	6.633	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/15/67-10/11/71	4 ##	1.5	1.75	4.	0.	4.25	2.062	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/67-11/20/67	2	221.	221.	227.	215.	72.	8.485	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/67-11/20/67	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/15/67-11/20/67	2	955.	955.	980.	930.	1250.	35.355	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-10/11/71	5	0.15	0.118	0.15	0.	0.004	0.066	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/67-10/11/71	4	248.5	251.	262.	245.	64.667	8.042	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/15/67-11/20/67	2	65.5	65.5	67.	64.	4.5	2.121	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/15/67-11/20/67	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/15/67-11/20/67	2	207.	207.	213.	201.	72.	8.485	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/67-10/11/71	11	255.	252.727	280.	212.	430.818	20.756	214.	246.	262.	280.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/67-10/11/71	6	250.	256.5	300.	213.	1338.3	36.583	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/67-11/20/67	2	1.1	1.1	1.2	1.	0.02	0.141	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/15/67-11/20/67	2	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	09/15/67-10/11/71	4 ##	12.5	12.5	25.	0.	208.333	14.434	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	299	3.	5.237	174.	0.	176.329	13.279	0.	0.	6.	12.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	299	0.477	0.414	2.241	0.	0.22	0.469	0.	0.	0.778	1.079
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.595								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	280	0.	1.414	78.	0.	36.244	6.02	0.	0.	0.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	280	0.	0.122	1.892	0.	0.093	0.305	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.325								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	239	0.	2.201	60.	0.	39.875	6.315	0.	0.	3.	6.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	239	0.	0.208	1.778	0.	0.133	0.365	0.	0.	0.477	0.778
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.613								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	38.	25.333	38.	0.	481.333	21.939	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	1.58	1.053	1.58	0.	0.832	0.912	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			11.303								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/15/67-11/20/67	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

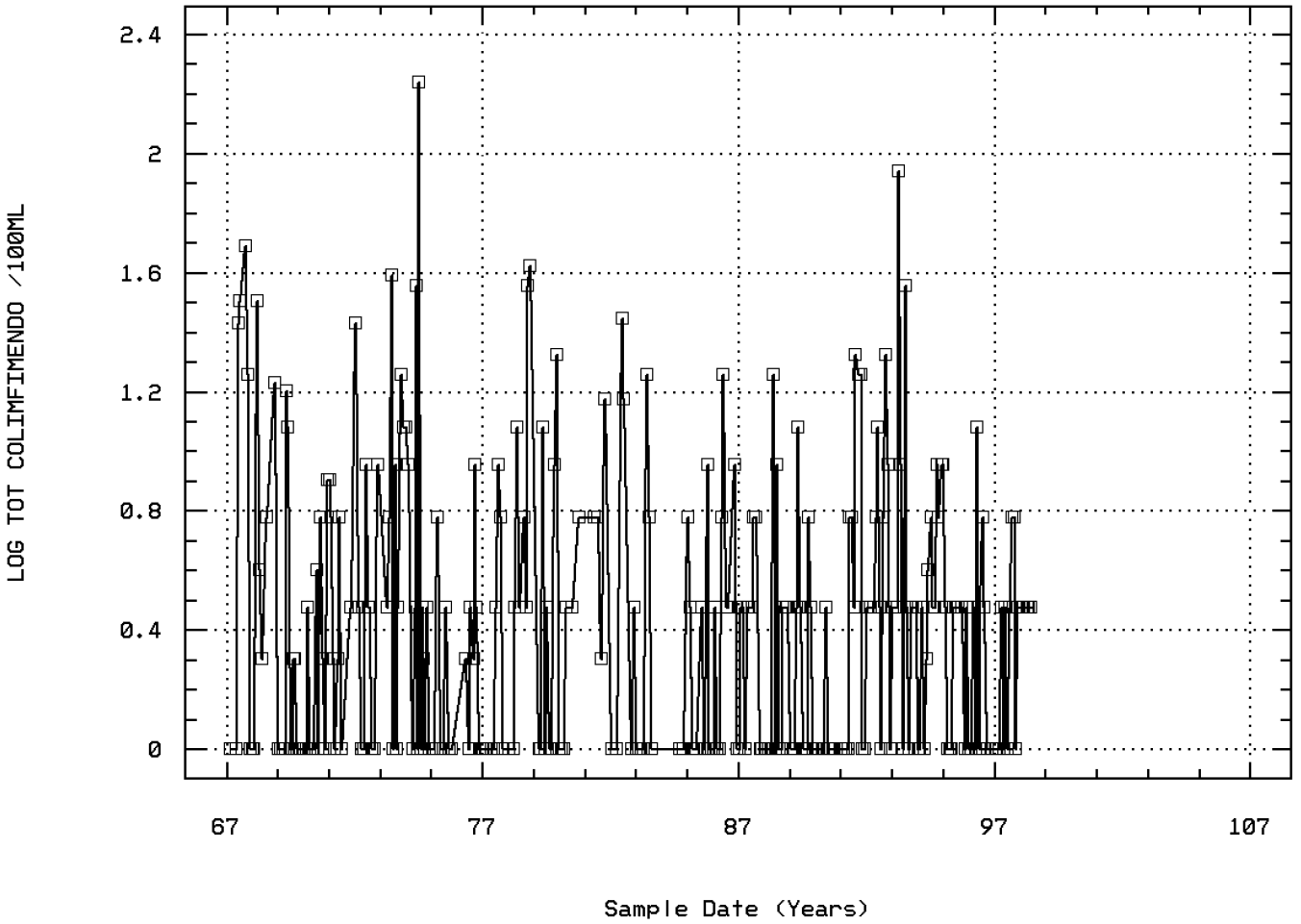
EPA Water Quality Criteria Analysis for Station: LAMR0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	9	0	0.00	7	0	0.00						
00400	PH	Fresh Chronic	9.	10	0	0.00	6	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	10	0	0.00	6	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	7	0	0.00	4	0	0.00						
		Drinking Water	250.	11	8	0.73	7	5	0.71	4	3	0.75						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	4	0.67	4	3	0.75	2	1	0.50						
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.	299	0	0.00	165	0	0.00	134	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	280	0	0.00	155	0	0.00	125	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station: LAMR0021 Parameter Code: 31501

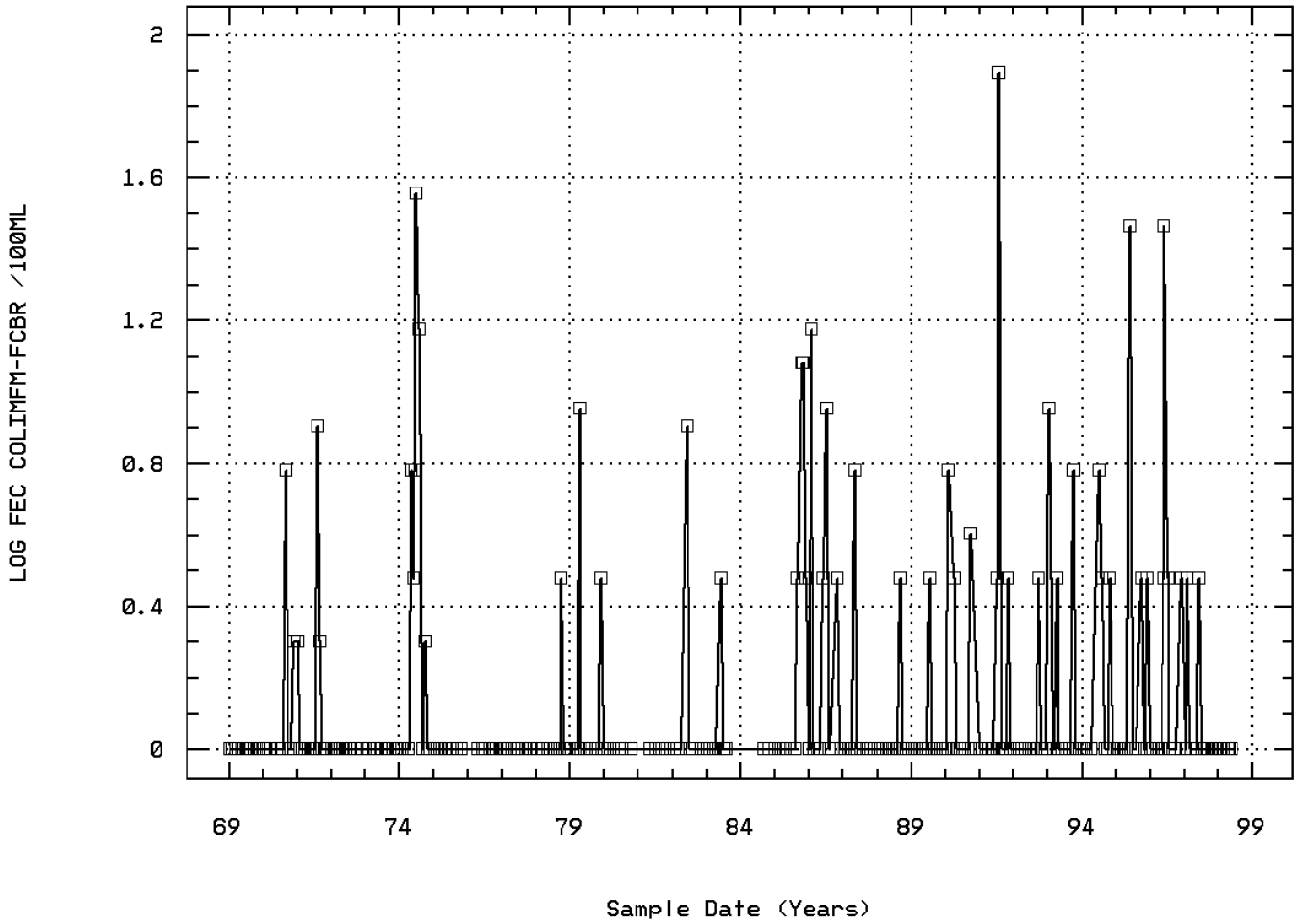
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-NORTH CANYON

Station: LAMR0021 Parameter Code: 31616

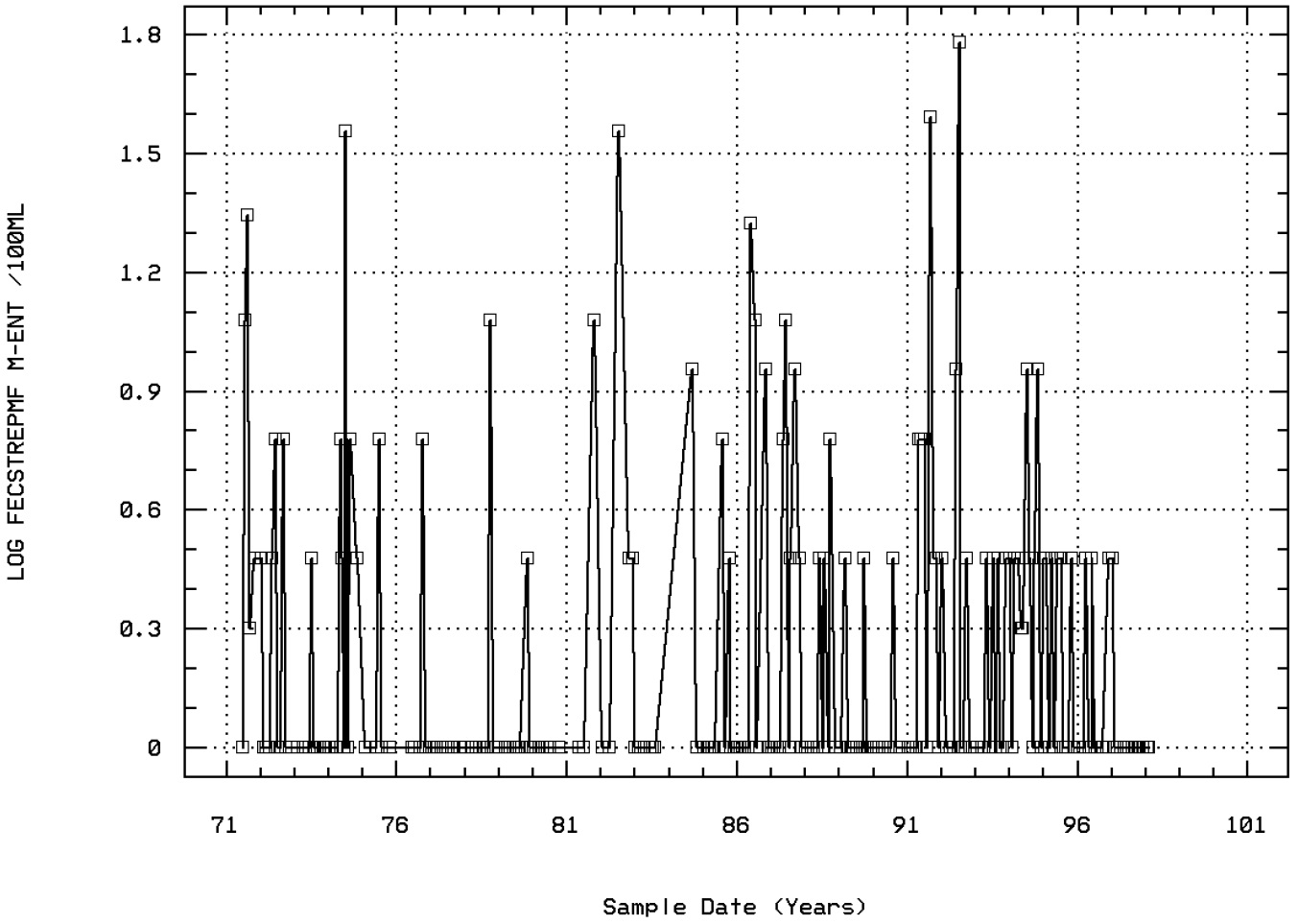
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-NORTH CANYON

Station: LAMR0021 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-NORTH CANYON

Annual Analysis for 1967 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	7	18.	18.	49.	0.	368.333	19.192	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	7	1.255	0.84	1.69	0.	0.634	0.796	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.923								

** - 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

Annual Analysis for 1968 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	8	5.	9.75	32.	0.	128.214	11.323	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	8	0.69	0.706	1.505	0.	0.338	0.581	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.081								

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

Annual Analysis for 1969 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	14	0.	2.357	16.	0.	25.478	5.048	0.	0.	2.	14.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	14	0.	0.206	1.204	0.	0.169	0.411	0.	0.	0.301	1.142
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.607								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.083	1.	0.	0.083	0.289	0.	0.	0.	0.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1970 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	12	0.	1.917	8.	0.	7.72	2.778	0.	0.	3.75	7.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	12	0.	0.255	0.903	0.	0.12	0.347	0.	0.	0.571	0.866
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.799								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.889	6.	0.	4.111	2.028	0.	0.	1.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.12	0.778	0.	0.071	0.266	0.	0.	0.151	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.318								

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Annual Analysis for 1971 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	8	2.5	3.375	8.	0.	8.839	2.973	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	8	0.389	0.442	0.903	0.	0.124	0.353	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.769								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	1.	8.	0.	5.455	2.335	0.	0.	1.5	6.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.125	0.903	0.	0.073	0.271	0.	0.	0.226	0.722
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.335								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	3.	7.8	22.	0.	84.2	9.176	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.477	0.64	1.342	0.	0.309	0.556	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.365								

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Annual Analysis for 1972 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	10	3.	5.4	27.	0.	69.6	8.343	0.	0.	9.	25.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	10	0.477	0.477	1.431	0.	0.253	0.503	0.	0.	0.954	1.384
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.636	6.	0.	6.055	2.461	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.228	0.778	0.	0.109	0.331	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.691								

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Annual Analysis for 1973 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	9	6.	10.	39.	0.	153.	12.369	0.	1.5	15.	39.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	9	0.778	0.735	1.591	0.	0.298	0.546	0.	0.239	1.167	1.591
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.429								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.13								

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Annual Analysis for 1974 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	13	3.	18.615	174.	0.	2276.923	47.717	0.	0.	10.5	118.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	13	0.477	0.582	2.241	0.	0.491	0.701	0.	0.	1.017	1.967
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.817								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	1.	5.667	36.	0.	110.97	10.534	0.	0.	6.	29.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.151	0.422	1.556	0.	0.29	0.539	0.	0.	0.778	1.442
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.644								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	1.5	5.4	36.	0.	121.6	11.027	0.	0.	6.	33.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.239	0.407	1.556	0.	0.27	0.52	0.	0.	0.778	1.478
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.551								

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Annual Analysis for 1975 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	8	0.	1.125	6.	0.	4.982	2.232	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	8	0.	0.157	0.778	0.	0.091	0.301	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.435								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	1.2	6.	0.	7.2	2.683	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.156	0.778	0.	0.121	0.348	**	**	**	**

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Annual Analysis for 1975 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.431								

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Annual Analysis for 1976 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	8	2.	2.375	9.	0.	8.839	2.973	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	8	0.301	0.314	0.954	0.	0.108	0.329	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.06								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	1.	6.	0.	6.	2.449	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.13	0.778	0.	0.101	0.318	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.348								

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Annual Analysis for 1977 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	8	0.	2.25	9.	0.	12.214	3.495	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	8	0.	0.276	0.954	0.	0.162	0.402	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.889								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1978 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	9	3.	11.667	42.	0.	255.25	15.977	0.	1.5	24.	42.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	9	0.477	0.719	1.623	0.	0.358	0.598	0.	0.239	1.318	1.623
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.232								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.3	3.	0.	0.9	0.949	0.	0.	0.	2.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.048	0.477	0.	0.023	0.151	0.	0.	0.	0.429
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.116								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	1.2	12.	0.	14.4	3.795	0.	0.	0.	10.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.108	1.079	0.	0.116	0.341	0.	0.	0.	0.971
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.282								

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Annual Analysis for 1979 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	9	0.	5.	21.	0.	56.25	7.5	0.	0.	10.5	21.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	9	0.	0.426	1.322	0.	0.302	0.55	0.	0.	1.017	1.322
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.666								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	1.333	9.	0.	9.25	3.041	0.	0.	1.5	9.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.159	0.954	0.	0.114	0.337	0.	0.	0.239	0.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.442								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	0.375	3.	0.	1.125	1.061	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.06	0.477	0.	0.028	0.169	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.147								

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Annual Analysis for 1980 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	6	1.5	2.	6.	0.	6.	2.449	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	6	0.239	0.289	0.778	0.	0.112	0.335	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.944								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	4	6.	7.25	15.	2.	30.25	5.5	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	4	0.778	0.758	1.176	0.301	0.128	0.358	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.733								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	0.	4.	12.	0.	48.	6.928	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.	0.36	1.079	0.	0.388	0.623	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.289								

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

Annual Analysis for 1982 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	6	1.5	7.667	28.	0.	133.067	11.535	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	6	0.239	0.517	1.447	0.	0.421	0.649	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.286								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	1.333	8.	0.	10.667	3.266	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.151	0.903	0.	0.136	0.369	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.414								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	3.	8.4	36.	0.	240.3	15.502	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.477	0.502	1.556	0.	0.404	0.636	**	**	**	**

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

Annual Analysis for 1982 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.178								

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

Annual Analysis for 1983 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	8	0.	3.	18.	0.	41.143	6.414	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	8	0.	0.254	1.255	0.	0.238	0.488	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.795								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.375	3.	0.	1.125	1.061	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.06	0.477	0.	0.028	0.169	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.147								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1984 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	4.5	4.5	9.	0.	40.5	6.364	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.477	0.477	0.954	0.	0.455	0.675	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.								

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Annual Analysis for 1985 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	10	0.5	2.2	9.	0.	9.733	3.12	0.	0.	3.75	8.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	10	0.	0.269	0.954	0.	0.139	0.373	0.	0.	0.552	0.937
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.856								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	3.	12.	0.	24.	4.899	0.	0.	5.25	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.311	1.079	0.	0.202	0.449	0.	0.	0.628	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.048								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	0.9	6.	0.	4.1	2.025	0.	0.	0.75	5.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.126	0.778	0.	0.075	0.274	0.	0.	0.119	0.748
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.335								

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Annual Analysis for 1986 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	10	3.	4.2	18.	0.	32.4	5.692	0.	0.	6.75	17.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	10	0.477	0.442	1.255	0.	0.202	0.45	0.	0.	0.822	1.225
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.766								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	3.	15.	0.	26.	5.099	0.	0.	4.5	14.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.308	1.176	0.	0.2	0.447	0.	0.	0.596	1.154
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.034								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	4.2	21.	0.	54.4	7.376	0.	0.	9.75	20.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.336	1.322	0.	0.3	0.547	0.	0.	0.985	1.298
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.166								

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Annual Analysis for 1987 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	11	3.	2.455	6.	0.	5.073	2.252	0.	0.	3.	6.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	11	0.477	0.358	0.778	0.	0.094	0.306	0.	0.	0.477	0.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.282								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.6	6.	0.	3.6	1.897	0.	0.	0.	5.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.078	0.778	0.	0.061	0.246	0.	0.	0.	0.7
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.196								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.	12.	0.	18.	4.243	0.	0.	6.	11.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.342	1.079	0.	0.185	0.43	0.	0.	0.778	1.054
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.2								

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Annual Analysis for 1988 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	12	0.	3.	18.	0.	29.455	5.427	0.	0.	3.	15.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	12	0.	0.303	1.255	0.	0.188	0.433	0.	0.	0.477	1.165
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.011								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.25	3.	0.	0.75	0.866	0.	0.	0.	2.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.04	0.477	0.	0.019	0.138	0.	0.	0.	0.334
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.096								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.091	6.	0.	4.091	2.023	0.	0.	3.	5.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.157	0.778	0.	0.079	0.281	0.	0.	0.477	0.718
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.437								

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Annual Analysis for 1989 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	11	0.	2.455	12.	0.	14.073	3.751	0.	0.	3.	10.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	11	0.	0.299	1.079	0.	0.147	0.383	0.	0.	0.477	1.019
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.991								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477

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Annual Analysis for 1989 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.221								

** - Less than 9 observations ## - Computed 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 LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	10	0.	0.3	3.	0.	0.9	0.949	0.	0.	0.	2.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	10	0.	0.048	0.477	0.	0.023	0.151	0.	0.	0.	0.429
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.116								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	1.444	6.	0.	5.278	2.297	0.	0.	3.5	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.206	0.778	0.	0.102	0.319	0.	0.	0.54	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.608								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.13								

** - Less than 9 observations ## - Computed 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 LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	12	1.5	6.	21.	0.	67.091	8.191	0.	0.	15.	20.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	12	0.239	0.489	1.322	0.	0.316	0.562	0.	0.	1.136	1.302
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.082								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	7.	78.	0.	501.273	22.389	0.	0.	2.25	55.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.237	1.892	0.	0.305	0.553	0.	0.	0.358	1.468
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.727								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	1.5	5.25	39.	0.	119.659	10.939	0.	0.	6.	29.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.239	0.407	1.591	0.	0.256	0.506	0.	0.	0.778	1.347
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.551								

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Annual Analysis for 1992 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	11	3.	6.	21.	0.	37.8	6.148	0.	3.	9.	19.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	11	0.477	0.62	1.322	0.	0.172	0.414	0.	0.477	0.954	1.274
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.169								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	6.818	60.	0.	318.764	17.854	0.	0.	3.	49.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.335	1.778	0.	0.329	0.574	0.	0.	0.477	1.613
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.163								

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

Annual Analysis for 1993 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	11	3.	13.636	87.	0.	695.455	26.371	0.	3.	9.	76.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	11	0.477	0.665	1.94	0.	0.36	0.6	0.	0.477	0.954	1.863
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.622								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	1.636	9.	0.	9.655	3.107	0.	0.	3.	8.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.201	0.954	0.	0.13	0.361	0.	0.	0.477	0.919
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.588								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.091	3.	0.	2.291	1.514	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.173	0.477	0.	0.058	0.241	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.491								

** - Less than 9 observations ## - Computed 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 LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	12	3.	3.75	9.	0.	10.205	3.194	0.	0.5	6.	9.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	12	0.477	0.483	0.954	0.	0.124	0.352	0.	0.075	0.778	0.954
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.043								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	1.2	6.	0.	4.4	2.098	0.	0.	3.	5.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.173	0.778	0.	0.085	0.291	0.	0.	0.477	0.748
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.49								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	3.083	9.	0.	9.174	3.029	0.	0.5	3.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.408	0.954	0.	0.104	0.322	0.	0.075	0.477	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.559								

** - 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

Annual Analysis for 1995 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	11	3.	2.455	9.	0.	6.873	2.622	0.	0.	3.	7.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	11	0.477	0.347	0.954	0.	0.095	0.309	0.	0.	0.477	0.859
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.223								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	3.182	29.	0.	74.764	8.647	0.	0.	3.	23.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.22	1.462	0.	0.206	0.454	0.	0.	0.477	1.265
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.658								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	1.636	3.	0.	2.455	1.567	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.26	0.477	0.	0.062	0.249	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.821								

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Annual Analysis for 1996 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	11	0.	2.455	12.	0.	14.073	3.751	0.	0.	3.	10.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	11	0.	0.299	1.079	0.	0.147	0.383	0.	0.	0.477	1.019
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.991								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	3.455	29.	0.	73.673	8.583	0.	0.	3.	23.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.263	1.462	0.	0.206	0.454	0.	0.	0.477	1.265
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.833								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.818	3.	0.	1.964	1.401	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.13	0.477	0.	0.05	0.223	0.	0.	0.477	0.477

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Annual Analysis for 1996 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.349								

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Annual Analysis for 1997 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	12	1.5	2.	6.	0.	5.455	2.335	0.	0.	3.	6.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	12	0.239	0.289	0.778	0.	0.102	0.319	0.	0.	0.477	0.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.944								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.5	3.	0.	1.364	1.168	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.08	0.477	0.	0.034	0.186	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.201								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	0.25	3.	0.	0.75	0.866	0.	0.	0.	2.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.04	0.477	0.	0.019	0.138	0.	0.	0.	0.334
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.096								

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Annual Analysis for 1998 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	6	3.	3.	3.	3.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	6	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	165	3.	6.515	174.	0.	241.666	15.546	0.	0.	6.	16.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	165	0.477	0.509	2.241	0.	0.224	0.473	0.	0.	0.778	1.225
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.225								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	155	0.	2.077	78.	0.	61.215	7.824	0.	0.	0.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	155	0.	0.164	1.892	0.	0.128	0.358	0.	0.	0.	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.458								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	132	0.	3.439	60.	0.	67.302	8.204	0.	0.	3.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	132	0.	0.293	1.778	0.	0.191	0.437	0.	0.	0.477	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.961								

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

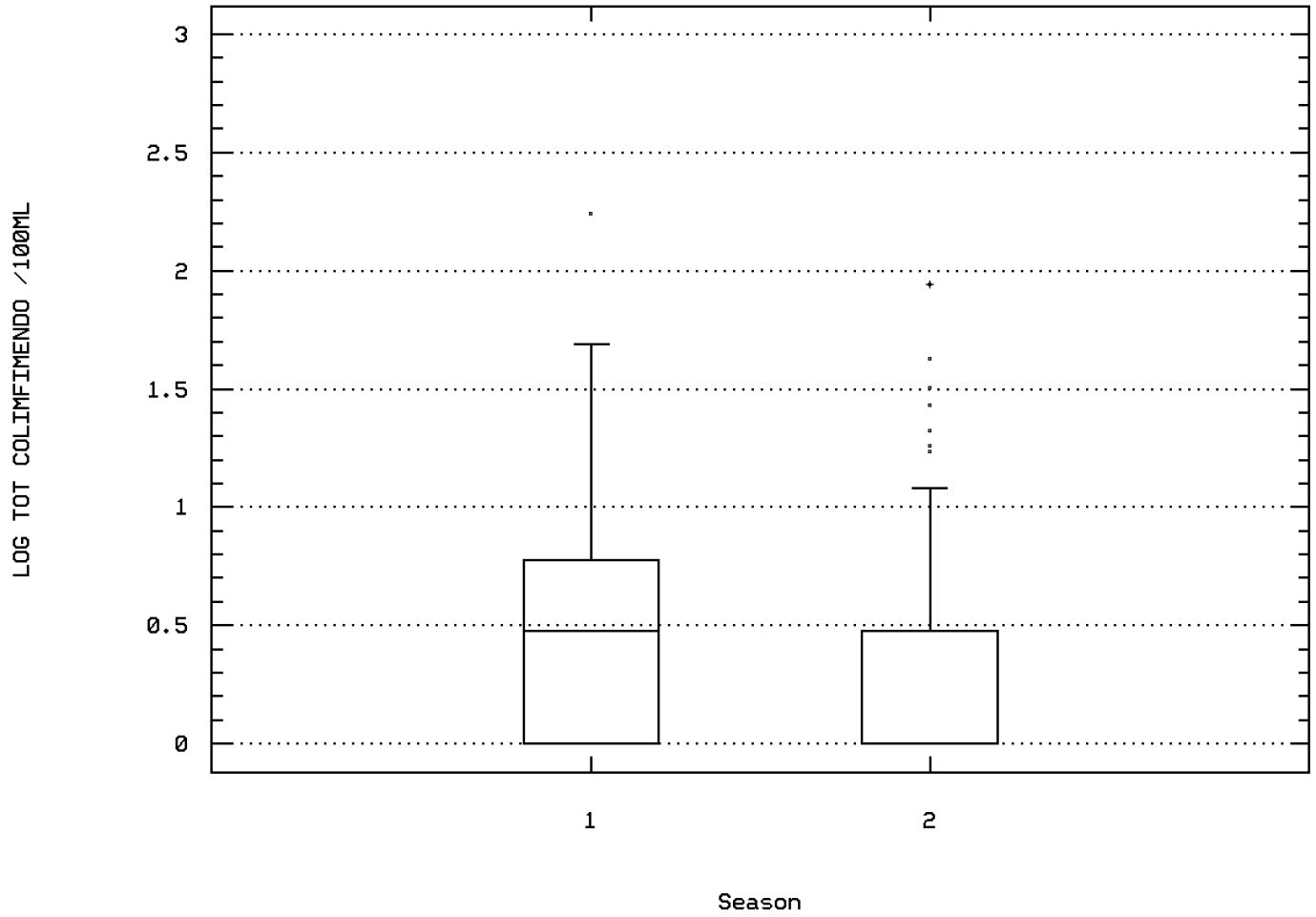
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/07/67-06/01/98	134	0.	3.664	87.	0.	92.571	9.621	0.	0.	3.	9.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/07/67-06/01/98	134	0.	0.298	1.94	0.	0.192	0.439	0.	0.	0.477	0.954
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.985								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	125	0.	0.592	15.	0.	4.292	2.072	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	125	0.	0.071	1.176	0.	0.046	0.214	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.178								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	107	0.	0.673	9.	0.	2.09	1.446	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	107	0.	0.103	0.954	0.	0.043	0.208	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.266								

** - Less than 9 observations ## - Computed 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: LAMR0021 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-NORTH CANYON

Station Inventory for Station: LAMR0022

NPS Station ID: LAMR0022 | LAT/LON: 35.693198/-101.578838 | Agency: 11NPSWRD | Date Created: 07/25/98
Location: Lake Meredith Reservoir Near Cedar Canyon | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_IMS24-4 /IMS24-4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
The station is located on the Sanford TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Water Quality Board. Sediment analyzed for toxics. Sample taken from Lake Meredith near Cedar Canyon." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	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

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

Station Inventory for Station: LAMR0023

NPS Station ID: LAMR0023 | LAT/LON: 35.715005/-101.579004 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: LAKE MEREDITH-SW OF SOUTH CANYON | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_TPWD_07
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 2915 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED SW OF THE SOUTH CANYON AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	46	17.6	17.563	27.	4.4	25.034	5.003	11.	14.85	21.25	24.12
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	44	20.5	19.686	32.7	2.2	50.728	7.122	9.45	15.	24.475	28.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	37	0.81	0.993	3.05	0.3	0.309	0.556	0.486	0.61	1.185	1.83
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	19	2000.	1919.737	2500.	1400.	63234.649	251.465	1600.	1800.	2050.	2300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	42	8.2	8.533	11.3	4.8	1.642	1.281	7.12	7.975	9.225	10.47

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

EPA Water Quality Criteria Analysis for Station: LAMR0023

				Total	Exceed	Prop.	4/15-10/31			11/01-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	42	0	0.00	39	0	0.00	3	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	43	18.	18.244	27.	9.3	18.543	4.306	12.32	16.	22.	24.24
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	41	22.	20.61	32.7	6.	38.714	6.222	11.	16.	24.75	28.64
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	34	0.8	0.967	3.05	0.3	0.312	0.559	0.45	0.607	1.088	1.675
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	19	2000.	1919.737	2500.	1400.	63234.649	251.465	1600.	1800.	2050.	2300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	39	8.2	8.523	11.3	4.8	1.7	1.304	7.	7.9	9.2	10.5

** - 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 4/14 - Station LAMR0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	3	6.	7.8	13.	4.4	20.92	4.574	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	3	3.	7.067	16.	2.2	60.013	7.747	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	3	1.23	1.29	1.83	0.81	0.263	0.513	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	3	8.	8.667	10.	8.	1.333	1.155	**	**	**	**

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

Station Inventory for Station: LAMR0024

NPS Station ID: LAMR0024 | LAT/LON: 35.684337/-101.591115 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: FRITCH FORTRESS WATER TOWER | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_10
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 3129 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE FRITCH FORTRESS WATER TOWER IN THE LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-07/15/72	25	4.	87.72	1600.	0.	104159.543	322.738	0.	0.	17.	187.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-07/15/72	25	0.602	0.8	3.204	0.	0.745	0.863	0.	0.	1.23	2.156
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.303								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-07/15/72	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-07/15/72	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/15/72-07/15/72	2	59.5	59.5	70.	49.	220.5	14.849	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/15/72-07/15/72	2	1.768	1.768	1.845	1.69	0.012	0.11	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			58.566								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-02/18/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-02/18/69	1	1.146	1.146	1.146	1.146	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			14.								

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

EPA Water Quality Criteria Analysis for Station: LAMR0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	25	1	0.04	14	1	0.07	11	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: LAMR0025

NPS Station ID: LAMR0025 | LAT/LON: 35.707004/-101.593004 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: LAKE MEREDITH-BUGBEE CANYON | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_TPWD_03
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 2915 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE BUGBEE CANYON AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	50	17.1	17.11	24.	4.4	22.502	4.744	11.1	14.1	21.	23.09
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	49	22.	19.62	31.	1.	51.809	7.198	10.	14.9	24.9	28.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	41	0.9	1.214	7.62	0.3	1.404	1.185	0.6	0.65	1.275	2.092
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	22	1950.	1904.773	2380.	1400.	48477.327	220.176	1587.5	1800.	2050.	2170.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	46	8.4	8.459	11.	4.8	1.476	1.215	7.13	8.	9.	10.12

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

EPA Water Quality Criteria Analysis for Station: LAMR0025

				Total	Exceed	Prop.	4/15-10/31			11/01-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	46	0	0.00	41	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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	45	18.	18.102	24.	11.	14.012	3.743	12.76	15.25	21.5	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	44	22.	20.85	31.	7.	38.168	6.178	11.	15.25	25.	28.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	37	0.9	1.234	7.62	0.39	1.52	1.233	0.6	0.65	1.275	2.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	22	1950.	1904.773	2380.	1400.	48477.327	220.176	1587.5	1800.	2050.	2170.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	41	8.2	8.349	11.	4.8	1.412	1.188	6.68	8.	9.	9.84

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	5	8.5	8.18	13.	4.4	10.762	3.281	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	5	10.	8.8	16.	1.	48.42	6.958	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	4	0.995	1.03	1.83	0.3	0.429	0.655	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	5	9.	9.36	11.	8.	1.348	1.161	**	**	**	**

** - Less than 9 observations ## - Computed 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: LAMR0026

NPS Station ID: LAMR0026 LAT/LON: 35.699003/-101.593004 Agency: 11NPSWRD Date Created: 10/24/98
Location: LAKE MEREDITH-CENTER NEAR N.TURKEY CR. FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): LAMR_TPWD_02
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: S CENTRAL LOWER MISS. R Elevation: 2915 Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE ECO Region:
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE CENTER OF LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR) NEAR NORTH TURKEY CREEK. DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	49	17.	16.935	24.	4.4	21.464	4.633	11.	14.1	21.	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	48	20.5	19.081	31.	1.	49.656	7.047	9.89	14.35	24.35	26.88
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	40	0.955	1.325	7.62	0.51	1.382	1.175	0.61	0.76	1.52	2.116
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	21	1900.	1921.667	2380.	1550.	36808.333	191.855	1680.	1800.	2025.	2180.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	45	8.2	8.402	11.	4.4	1.494	1.222	7.16	7.95	9.	10.08

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

EPA Water Quality Criteria Analysis for Station: LAMR0026

				Total	Exceed	Prop.	4/15-10/31			11/01-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	45	0	0.00	40	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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	44	18.	17.925	24.	11.	13.102	3.62	12.75	15.625	21.	22.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	43	22.	20.277	31.	7.	36.909	6.075	10.4	15.	24.5	27.78
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	36	0.955	1.349	7.62	0.51	1.508	1.228	0.607	0.768	1.52	2.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	21	1900.	1921.667	2380.	1550.	36808.333	191.855	1680.	1800.	2025.	2180.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	40	8.15	8.26	11.	4.4	1.339	1.157	6.86	7.825	9.	9.57

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	5	8.2	8.22	13.	4.4	11.002	3.317	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	5	10.	8.8	16.	1.	48.42	6.958	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	4	0.995	1.108	1.83	0.61	0.302	0.549	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	5	10.	9.54	11.	8.	1.558	1.248	**	**	**	**

** - Less than 9 observations ## - Computed 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: LAMR0027

NPS Station ID: LAMR0027 | LAT/LON: 35.707754/-101.595088 | Agency: 11NPSWRD | Date Created: 07/25/98
Location: Lake Meredith Reservoir Near Bugbee Canyon | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_IMS24-2 /IMS24-2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
The station is located on the Sanford TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Water Quality Board. Sediment analyzed for toxics. Sample taken from Lake Meredith near Bugbee Canyon." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	1	31.	31.	31.	31.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

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

Station Inventory for Station: LAMR0028

NPS Station ID: LAMR0028 | LAT/LON: 35.732866/-101.595531 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: BUGBEE CANYON | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): LAMR_CRMWA_05 /10043
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE BUGBEE CANYON AREA OUTSIDE OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10043) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	68	5.	11.912	50.	1.	183.246	13.537	1.	1.	20.	30.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-02/18/76	25	17.8	14.764	25.1	3.7	62.202	7.887	3.88	5.6	23.1	24.64
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-02/18/76	46	55.4	56.822	81.	36.	223.136	14.938	39.05	41.525	70.	77.6
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	9	86.7	86.767	89.9	83.	7.09	2.663	83.	83.85	89.2	89.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-08/18/75	13	20.	17.462	36.	1.	123.769	11.125	1.	8.5	26.	34.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/24/66-02/18/76	30	1800.	1663.2	1900.	600.	86318.717	293.8	1286.5	1587.5	1850.	1900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/18/76	8	2013.	2013.625	2079.	1947.	2247.125	47.404	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/09/67-02/18/76	63	8.3	8.805	12.4	6.	2.817	1.678	7.	7.6	10.	11.56
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/67-03/07/69	21	1.	1.743	8.	0.	4.053	2.013	0.06	0.4	2.6	5.4
00400	PH (STANDARD UNITS)	01/24/66-02/18/76	43	8.4	8.31	8.9	7.4	0.192	0.438	7.6	8.	8.6	8.9
00400	CONVERTED PH (STANDARD UNITS)	01/24/66-02/18/76	43	8.4	8.078	8.9	7.4	0.247	0.497	7.6	8.	8.6	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/66-02/18/76	43	0.004	0.008	0.04	0.001	0.	0.01	0.001	0.003	0.01	0.025
00403	PH, LAB, STANDARD UNITS SU	06/18/74-02/18/76	8	8.5	8.525	8.8	8.3	0.031	0.175	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-02/18/76	8	8.5	8.495	8.8	8.3	0.032	0.178	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-02/18/76	8	0.003	0.003	0.005	0.002	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/66-10/25/73	13	185.	185.615	240.	143.	727.59	26.974	148.6	166.	195.	236.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/66-07/23/73	10 ##	0.	1.8	10.	0.	11.067	3.327	0.	0.	4.	9.4
00440	BICARBONATE ION (MG/L AS HCO3)	01/24/66-10/25/73	8	207.	213.125	280.	174.	1088.125	32.987	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/24/66-08/23/71	7 ##	0.	1.429	5.	0.	5.952	2.44	**	**	**	**

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

Parameter Inventory for Station: LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/66-02/18/76	16	281.5	348.75	980.	5.	140781.8	375.209	5.	5.	615.	966.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-02/18/76	8 ##	5.	5.25	10.	2.	4.786	2.188	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-02/18/76	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-02/18/76	8 ##	0.013	0.019	0.04	0.01	0.	0.013	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-02/18/76	14 ##	0.023	0.056	0.16	0.	0.004	0.064	0.	0.015	0.15	0.155
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-02/18/76	8 ##	0.015	0.017	0.03	0.015	0.	0.005	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-02/18/76	8	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-02/18/76	8	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/18/76	8	5.5	6.25	13.	2.	11.929	3.454	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/24/66-06/16/74	14	214.	218.357	270.	162.	1125.016	33.541	171.	192.5	250.	265.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/66-06/16/74	11	88.	86.364	132.	55.	542.855	23.299	56.	67.	102.	128.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/66-10/25/73	10	41.	52.2	151.	10.	1915.067	43.761	10.8	21.	73.75	145.9
00929	SODIUM, TOTAL (MG/L AS NA)	01/24/66-08/23/71	8	82.	116.25	217.	52.	4380.786	66.188	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/66-02/18/76	38	252.	208.658	314.	73.	6623.528	81.385	92.1	125.	283.	297.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	7	300.	321.429	450.	290.	3305.952	57.497	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/66-02/18/76	23	254.	176.217	302.	3.	17351.451	131.725	3.8	8.	288.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/24/66-06/16/74	5	0.9	0.83	1.1	0.3	0.102	0.319	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/24/66-10/25/73	4	40.	42.5	80.	10.	825.	28.723	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/66-10/25/73	7 ##	9.	12.	25.	0.	158.	12.57	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	378	2.	72.228	7500.	0.	219343.639	468.341	0.	0.	7.25	70.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	378	0.301	0.581	3.875	-0.301	0.639	0.799	0.	0.	0.86	1.846
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.808								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	354	0.	18.781	900.	0.	8516.097	92.283	0.	0.	2.	9.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	354	0.	0.262	2.954	-0.301	0.356	0.597	0.	0.	0.301	0.954
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.827								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	285	0.	26.309	1500.	0.	19910.7	141.105	0.	0.	3.	22.2
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	285	0.	0.38	3.176	0.	0.419	0.648	0.	0.	0.477	1.345
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.402								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-12/05/78	4	93.	91.5	180.	0.	5595.667	74.804	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-12/05/78	4	1.961	1.544	2.255	0.	1.084	1.041	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			35.024								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-02/18/76	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50979	E.COLI,MPN,COLI-COMPLETE #/100ML	05/05/69-08/19/69	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/09/67-10/25/73	3 ##	0.2	7.467	22.	0.2	158.413	12.586	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	1	82.18	82.18	82.18	82.18	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0028

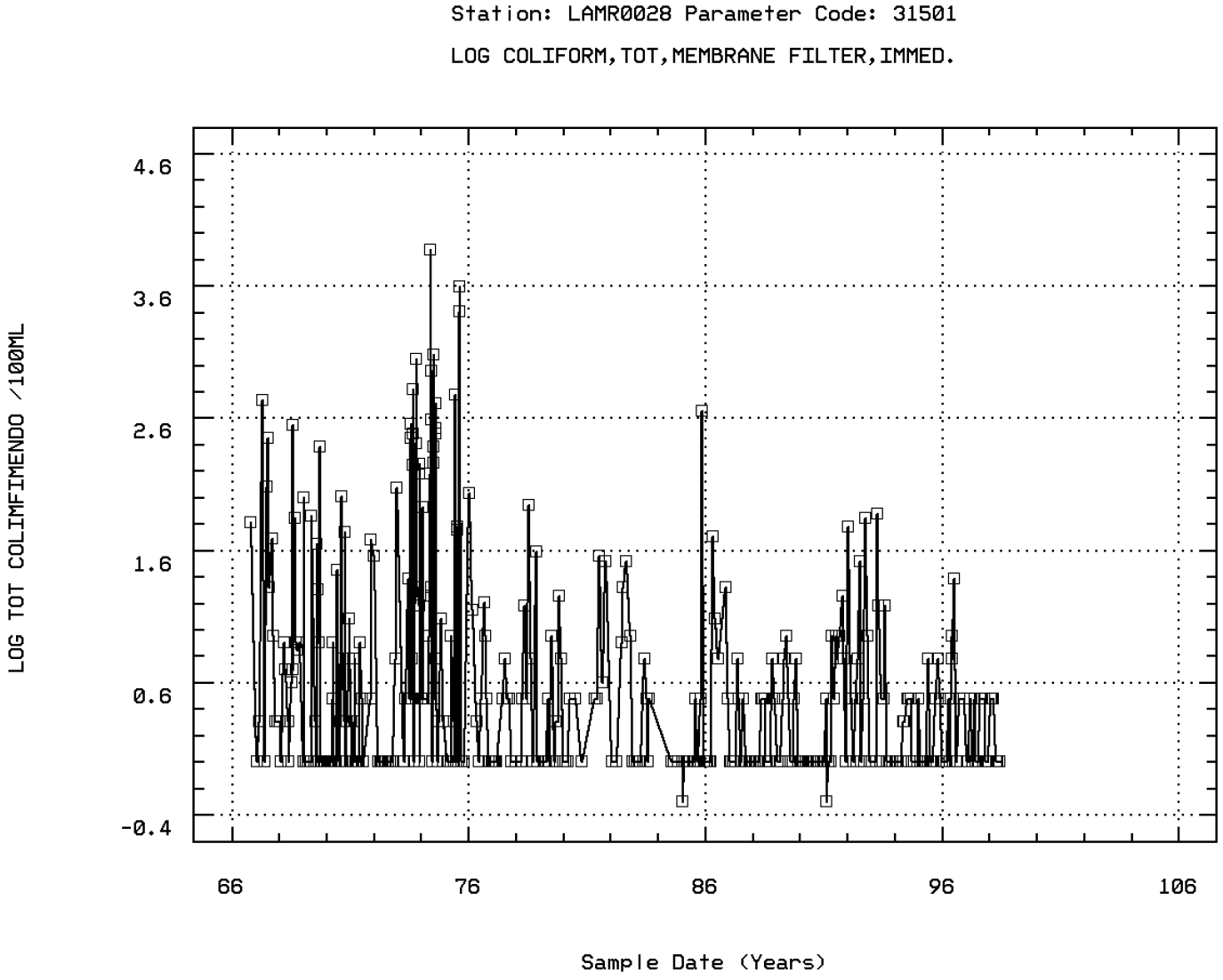
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	8	0	0.00	5	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	63	0	0.00	34	0	0.00	29	0	0.00						
00400	PH	Fresh Chronic	9.	43	0	0.00	26	0	0.00	17	0	0.00						
		Other-Lo Lim.	6.5	43	0	0.00	26	0	0.00	17	0	0.00						
00403	PH, LAB	Fresh Chronic	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.	8	0	0.00	4	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	38	0	0.00	25	0	0.00	13	0	0.00						
		Drinking Water	250.	38	20	0.53	25	12	0.48	13	8	0.62						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	4	0	0.00	3	0	0.00						
		Drinking Water	250.	7	7	1.00	4	4	1.00	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	23	12	0.52	15	7	0.47	8	5	0.63						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	2	0	0.00	3	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	378	5	0.01	217	5	0.02	161	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	354	13	0.04	202	12	0.06	152	1	0.01						

& - 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: LAMR0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	3	0	0.00	1	0	0.00	2	0	0.00						

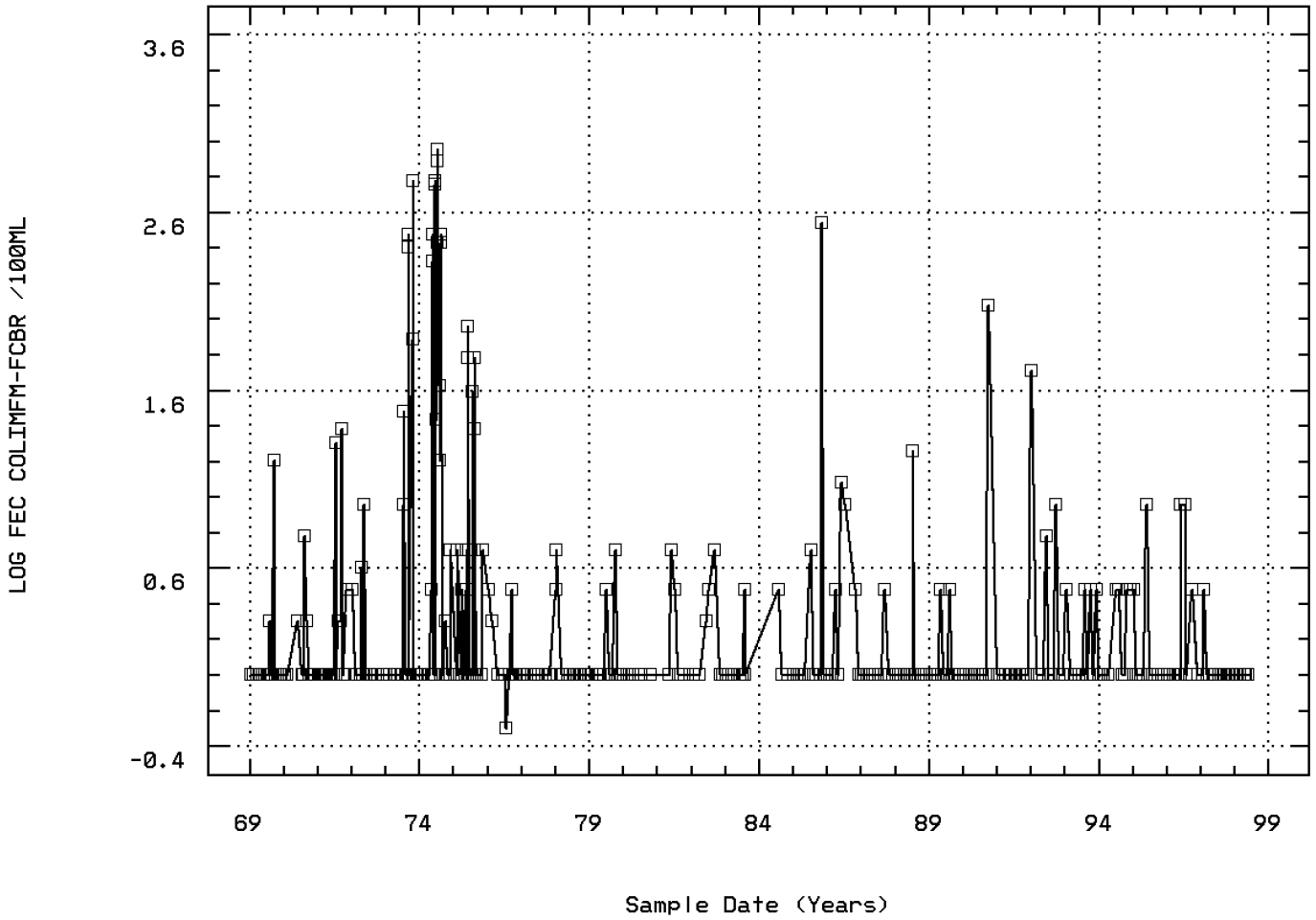
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



BUGBEE CANYON

Station: LAMR0028 Parameter Code: 31616

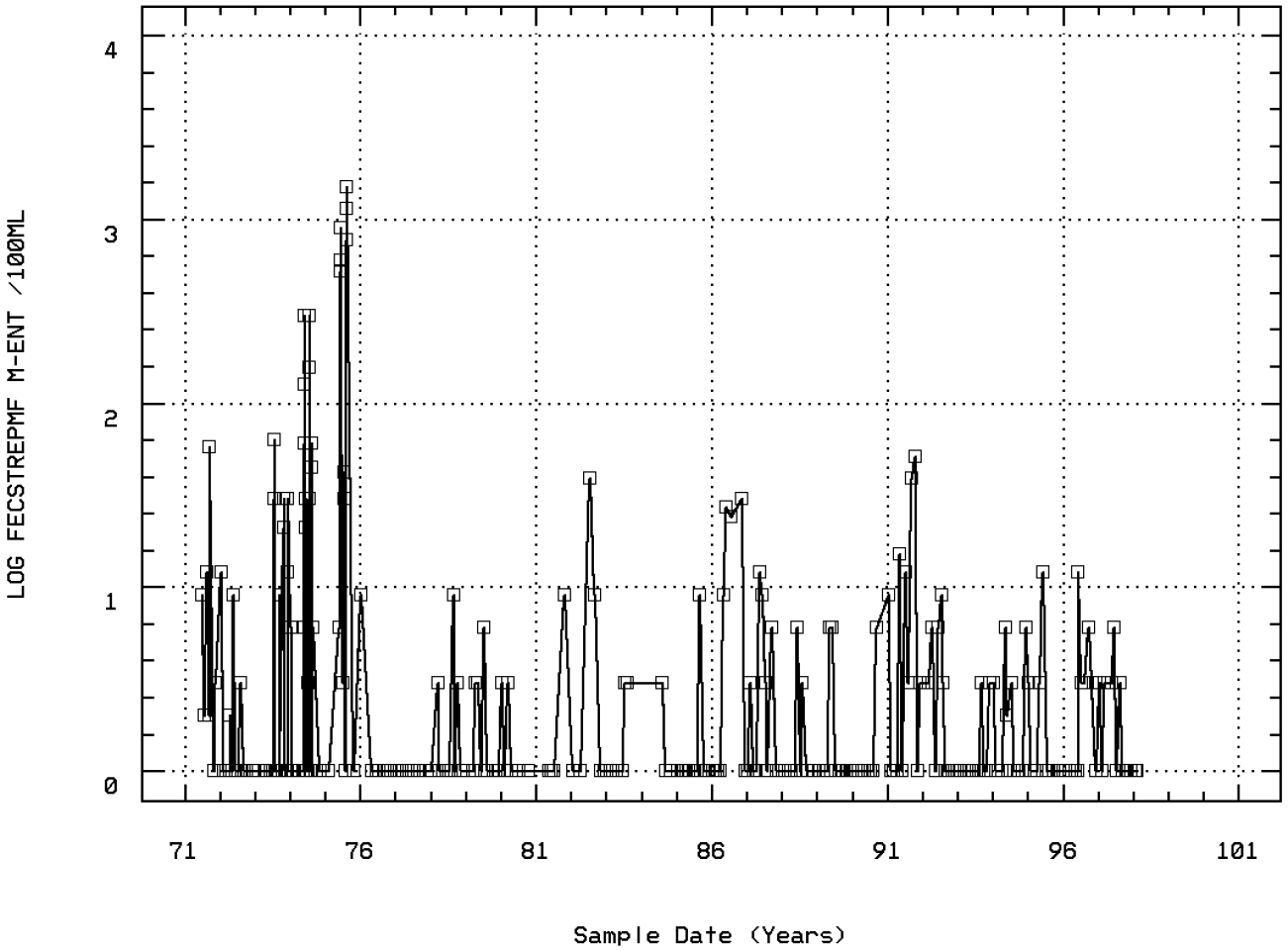
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



BUGBEE CANYON

Station: LAMR0028 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



BUGBEE CANYON

Annual Analysis for 1966 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	1	64.	64.	64.	64.	0.	0.	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	1	1.806	1.806	1.806	1.806	0.	0.	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			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 box-and-whisker plot

Annual Analysis for 1967 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	9.	93.	540.	0.	29108.	170.611	0.	2.	120.	487.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.954	1.102	2.732	0.	1.018	1.009	0.	0.301	2.079	2.675
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.656								

** - Less than 9 observations ## - Computed 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 1968 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	13	5.	36.077	350.	0.	9232.91	96.088	0.	2.	8.	238.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	13	0.699	0.811	2.544	0.	0.5	0.707	0.	0.301	0.903	2.264
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.474								

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

Annual Analysis for 1969 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	21	0.	23.143	240.	0.	3197.029	56.542	0.	0.	14.	94.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	21	0.	0.495	2.38	0.	0.664	0.815	0.	0.	1.102	1.971
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.123								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	20	0.	0.9	16.	0.	12.832	3.582	0.	0.	0.	1.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	20	0.	0.075	1.204	0.	0.075	0.274	0.	0.	0.	0.271
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.189								

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

Annual Analysis for 1970 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	22	1.5	10.273	102.	0.	575.446	23.988	0.	0.	6.5	46.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	22	0.151	0.459	2.009	0.	0.389	0.624	0.	0.	0.809	1.647
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.88								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	15	0.	0.8	6.	0.	2.743	1.656	0.	0.	2.	3.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	15	0.	0.112	0.778	0.	0.049	0.222	0.	0.	0.301	0.492
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.294								

** - 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 1971 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	16	0.	4.5	48.	0.	140.4	11.849	0.	0.	3.	20.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	16	0.	0.307	1.681	0.	0.225	0.474	0.	0.	0.477	1.137
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.03								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	21	0.	2.571	24.	0.	43.157	6.569	0.	0.	2.	16.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	21	0.	0.202	1.38	0.	0.169	0.411	0.	0.	0.301	1.136
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.591								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	3.	12.286	58.	0.	424.905	20.613	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.477	0.697	1.763	0.	0.366	0.605	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.973								

** - Less than 9 observations ## - Computed 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 1972 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	0.	13.25	117.	0.	1174.023	34.264	0.	0.	4.5	92.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.	0.367	2.068	0.	0.517	0.719	0.	0.	0.584	1.915
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.327								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	14	0.	1.143	9.	0.	6.747	2.598	0.	0.	0.75	6.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	14	0.	0.145	0.954	0.	0.093	0.304	0.	0.	0.119	0.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.397								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	14	0.	1.857	12.	0.	14.593	3.82	0.	0.	2.25	10.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	14	0.	0.201	1.079	0.	0.141	0.375	0.	0.	0.345	1.017
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.588								

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Annual Analysis for 1973 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	20	22.5	177.	1110.	0.	78368.211	279.943	0.	3.	273.	630.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	20	1.351	1.425	3.045	0.	1.167	1.08	0.	0.477	2.436	2.793
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26.617								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	20	0.	63.4	600.	0.	23159.095	152.181	0.	0.	24.75	295.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	20	0.	0.599	2.778	0.	1.005	1.003	0.	0.	1.346	2.47
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.969								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	20	0.	9.75	63.	0.	285.987	16.911	0.	0.	18.75	30.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	20	0.	0.479	1.799	0.	0.474	0.689	0.	0.	1.261	1.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.015								

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Annual Analysis for 1974 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	25	18.	475.	7500.	0.	2233091.167	1494.353	1.2	3.	316.5	1020.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	25	1.255	1.493	3.875	0.	1.274	1.129	0.181	0.477	2.5	3.004
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31.121								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	24	10.5	178.333	900.	0.	73458.493	271.032	0.	0.	292.5	682.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	24	0.952	1.219	2.954	0.	1.441	1.2	0.	0.	2.466	2.831
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.543								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	23	6.	50.	300.	0.	7936.727	89.088	0.	0.	60.	242.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	23	0.778	0.937	2.477	0.	0.842	0.918	0.	0.	1.778	2.365

** - Less than 9 observations ## - Computed 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 1974 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.647								

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

Annual Analysis for 1975 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	15	2.	518.533	3900.	0.	1314734.41	1146.619	0.	0.	600.	3090.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	15	0.301	1.156	3.591	0.	1.938	1.392	0.	0.	2.778	3.48
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.329								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	21	3.	14.238	90.	0.	662.89	25.747	0.	0.	14.5	60.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	21	0.477	0.582	1.954	0.	0.493	0.702	0.	0.	1.04	1.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.824								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	13	42.	424.615	1500.	0.	271220.423	520.788	0.	1.5	838.5	1356.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	13	1.623	1.687	3.176	0.	1.69	1.3	0.	0.239	2.922	3.128
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			48.625								

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

Annual Analysis for 1976 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	14.364	108.	0.	995.855	31.557	0.	0.	14.	89.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.643	2.033	0.	0.404	0.635	0.	0.	1.146	1.868
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.393								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.875	3.	0.	1.551	1.245	0.	0.	2.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.105	0.477	-0.301	0.054	0.233	0.	0.	0.301	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.272								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.	9.	0.	9.	3.	0.	0.	0.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.106	0.954	0.	0.101	0.318	0.	0.	0.	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.277								

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Annual Analysis for 1977 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	9	0.	1.667	6.	0.	4.75	2.179	0.	0.	3.	6.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	9	0.	0.246	0.778	0.	0.093	0.305	0.	0.	0.477	0.778
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.76								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1978 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	13.909	87.	0.	724.091	26.909	0.	0.	15.	77.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.585	1.94	0.	0.497	0.705	0.	0.	1.176	1.87
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.849								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.667	5.	0.	2.606	1.614	0.	0.	0.	4.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.098	0.699	0.	0.055	0.234	0.	0.	0.	0.632
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.253								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.364	9.	0.	7.855	2.803	0.	0.	3.	7.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.173	0.954	0.	0.103	0.322	0.	0.	0.477	0.859
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.491								

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Annual Analysis for 1979 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	2.	4.	18.	0.	33.111	5.754	0.	0.	6.75	17.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.301	0.407	1.255	0.	0.205	0.453	0.	0.	0.822	1.225
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.551								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	0.8	5.	0.	3.067	1.751	0.	0.	0.75	4.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	0.118	0.699	0.	0.064	0.253	0.	0.	0.119	0.677
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.311								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.333	6.	0.	4.75	2.179	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.192	0.778	0.	0.091	0.302	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.558								

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Annual Analysis for 1980 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	6	0.	1.	3.	0.	2.4	1.549	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	6	0.	0.159	0.477	0.	0.061	0.246	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.442								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	1.	3.	0.	2.4	1.549	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.159	0.477	0.	0.061	0.246	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.442								

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Annual Analysis for 1981 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	5	4.	15.8	36.	3.	292.7	17.108	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	5	0.602	0.926	1.556	0.477	0.314	0.56	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.438								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	5	0.	1.6	5.	0.	5.3	2.302	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	5	0.	0.235	0.699	0.	0.11	0.331	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.719								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	4	0.	2.25	9.	0.	20.25	4.5	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	4	0.	0.239	0.954	0.	0.228	0.477	**	**	**	**

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Annual Analysis for 1981 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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Annual Analysis for 1982 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	7	8.	10.143	33.	0.	159.143	12.615	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	7	0.903	0.671	1.519	0.	0.438	0.662	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.69								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	7	0.	1.429	5.	0.	3.952	1.988	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	7	0.	0.211	0.699	0.	0.083	0.287	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.626								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	8.	39.	0.	243.6	15.608	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.424	1.591	0.	0.472	0.687	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.656								

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Annual Analysis for 1983 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	0.	1.5	6.	0.	5.143	2.268	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	0.	0.217	0.778	0.	0.098	0.313	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.646								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	8	0.	0.375	3.	0.	1.125	1.061	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	8	0.	0.06	0.477	0.	0.028	0.169	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.147								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.125	3.	0.	2.411	1.553	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.179	0.477	0.	0.061	0.247	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.51								

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Annual Analysis for 1984 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	3	0.	0.159	0.477	0.	0.076	0.275	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.442								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.	0.159	0.477	0.	0.076	0.275	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.442								

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Annual Analysis for 1985 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	0.	38.042	450.	0.	16832.021	129.738	0.	0.	2.375	315.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.	0.276	2.653	-0.301	0.607	0.779	0.	0.	0.283	2.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.886								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	32.091	348.	0.	10980.091	104.786	0.	0.	0.	279.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.295	2.542	0.	0.599	0.774	0.	0.	0.	2.173
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.971								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.818	9.	0.	7.364	2.714	0.	0.	0.	7.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.087	0.954	0.	0.083	0.288	0.	0.	0.	0.763
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.221								

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Annual Analysis for 1986 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	9	3.	10.333	51.	0.	283.75	16.845	0.	0.	16.5	51.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	9	0.477	0.596	1.708	0.	0.433	0.658	0.	0.	1.201	1.708
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.945								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	3.	12.	0.	20.25	4.5	0.	0.	6.	12.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	0.332	1.079	0.	0.192	0.439	0.	0.	0.716	1.079
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.148								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	10.	30.	0.	173.25	13.162	0.	0.	25.5	30.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.583	1.477	0.	0.499	0.706	0.	0.	1.406	1.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.824								

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Annual Analysis for 1987 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	0.	1.091	6.	0.	4.091	2.023	0.	0.	3.	5.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.	0.157	0.778	0.	0.079	0.281	0.	0.	0.477	0.718
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.437								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	0.3	3.	0.	0.9	0.949	0.	0.	0.	2.7
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	0.048	0.477	0.	0.023	0.151	0.	0.	0.	0.429
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.116								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.	12.	0.	18.	4.243	0.	0.	6.	11.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.342	1.079	0.	0.185	0.43	0.	0.	0.778	1.054
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.2								

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Annual Analysis for 1988 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	0.	1.5	6.	0.	4.091	2.023	0.	0.	3.	5.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.	0.224	0.778	0.	0.083	0.288	0.	0.	0.477	0.688
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.675								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	0.	1.385	18.	0.	24.923	4.992	0.	0.	0.	10.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	0.	0.097	1.255	0.	0.121	0.348	0.	0.	0.	0.753
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.249								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.818	6.	0.	3.764	1.94	0.	0.	0.	5.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.114	0.778	0.	0.069	0.263	0.	0.	0.	0.718

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Annual Analysis for 1988 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.301								

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Annual Analysis for 1989 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	2.727	9.	0.	9.818	3.133	0.	0.	6.	8.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.358	0.954	0.	0.139	0.373	0.	0.	0.778	0.919
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.282								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.221								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.091	6.	0.	5.891	2.427	0.	0.	0.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.141	0.778	0.	0.099	0.315	0.	0.	0.	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.385								

** - Less than 9 observations ## - Computed 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 LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	13.111	118.	0.	1547.111	39.333	0.	0.	0.	118.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	0.23	2.072	0.	0.477	0.691	0.	0.	0.	2.072
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.699								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.667	6.	0.	4.	2.	0.	0.	0.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.086	0.778	0.	0.067	0.259	0.	0.	0.	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.22								

** - 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

Annual Analysis for 1991 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	13	3.	4.885	18.	0.	28.923	5.378	0.	0.	9.	14.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	13	0.477	0.487	1.255	-0.301	0.249	0.499	0.	0.	0.954	1.135
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.067								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	11.	51.	0.	285.273	16.89	0.	0.	14.25	47.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.622	1.708	0.	0.429	0.655	0.	0.	1.152	1.673
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.187								

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Annual Analysis for 1992 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	16.909	69.	0.	644.891	25.395	0.	0.	33.	67.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.754	1.839	0.	0.479	0.692	0.	0.	1.519	1.827
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.682								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	6.	51.	0.	232.2	15.238	0.	0.	6.	42.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.313	1.708	0.	0.336	0.579	0.	0.	0.778	1.557
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.055								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	2.727	9.	0.	9.818	3.133	0.	0.	6.	8.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.358	0.954	0.	0.139	0.373	0.	0.	0.778	0.919
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.282								

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Annual Analysis for 1993 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	0.	10.091	75.	0.	497.291	22.3	0.	0.	15.	63.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.	0.471	1.875	0.	0.43	0.656	0.	0.	1.176	1.735
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.958								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	1.091	3.	0.	2.291	1.514	0.	0.	3.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.173	0.477	0.	0.058	0.241	0.	0.	0.477	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.491								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.221								

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Annual Analysis for 1994 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	0.	1.083	3.	0.	1.902	1.379	0.	0.	2.75	3.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.	0.169	0.477	0.	0.047	0.217	0.	0.	0.433	0.477
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.477								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	1.2	3.	0.	2.4	1.549	0.	0.	3.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	0.191	0.477	0.	0.061	0.246	0.	0.	0.477	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.552								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	1.667	6.	0.	5.515	2.348	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.234	0.778	0.	0.1	0.316	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.715								

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Annual Analysis for 1995 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	0.	1.909	6.	0.	5.891	2.427	0.	0.	3.	6.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.	0.272	0.778	0.	0.108	0.329	0.	0.	0.477	0.778
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.869								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	1.091	9.	0.	7.691	2.773	0.	0.	0.	7.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.13	0.954	0.	0.095	0.309	0.	0.	0.	0.859
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.349								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.636	12.	0.	13.255	3.641	0.	0.	3.	10.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.185	1.079	0.	0.124	0.353	0.	0.	0.477	0.959

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Annual Analysis for 1995 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.531								

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

Annual Analysis for 1996 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	4.364	24.	0.	51.055	7.145	0.	0.	6.	21.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.413	1.38	0.	0.223	0.472	0.	0.	0.778	1.295
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.589								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	1.909	9.	0.	13.091	3.618	0.	0.	3.	9.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.217	0.954	0.	0.153	0.391	0.	0.	0.477	0.954
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.648								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	2.182	12.	0.	14.564	3.816	0.	0.	3.	10.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.256	1.079	0.	0.151	0.388	0.	0.	0.477	1.019
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.801								

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

Annual Analysis for 1997 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	0.	1.25	3.	0.	2.386	1.545	0.	0.	3.	3.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.	0.199	0.477	0.	0.06	0.246	0.	0.	0.477	0.477
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.581								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.25	3.	0.	0.75	0.866	0.	0.	0.	2.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.04	0.477	0.	0.019	0.138	0.	0.	0.	0.334
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.096								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	1.5	1.75	6.	0.	4.023	2.006	0.	0.	3.	5.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.239	0.264	0.778	0.	0.083	0.288	0.	0.	0.477	0.688
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.835								

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

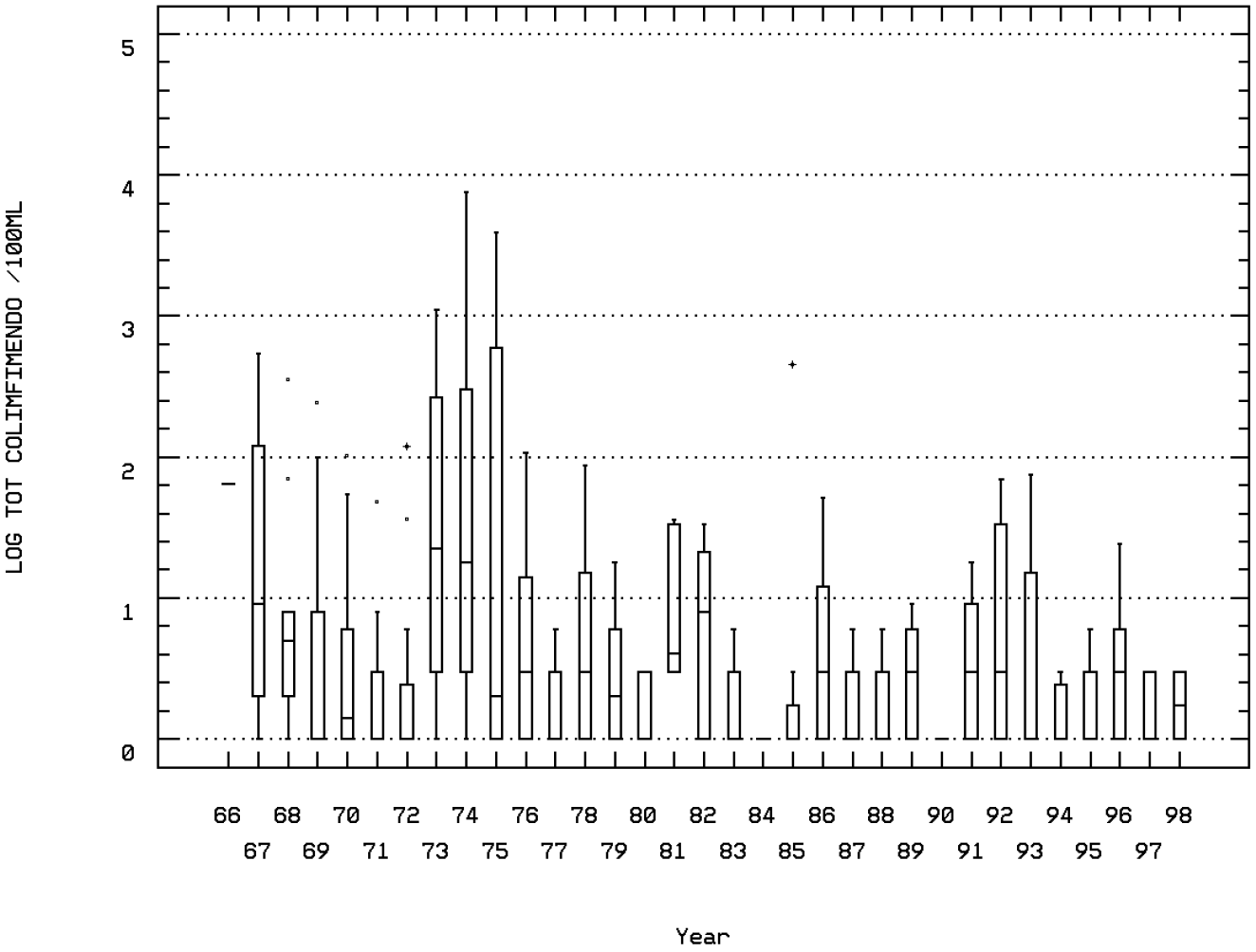
Annual Analysis for 1998 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	6	1.5	1.5	3.	0.	2.7	1.643	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	6	0.239	0.239	0.477	0.	0.068	0.261	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Station: LAMR0028 Parameter Code: 31501

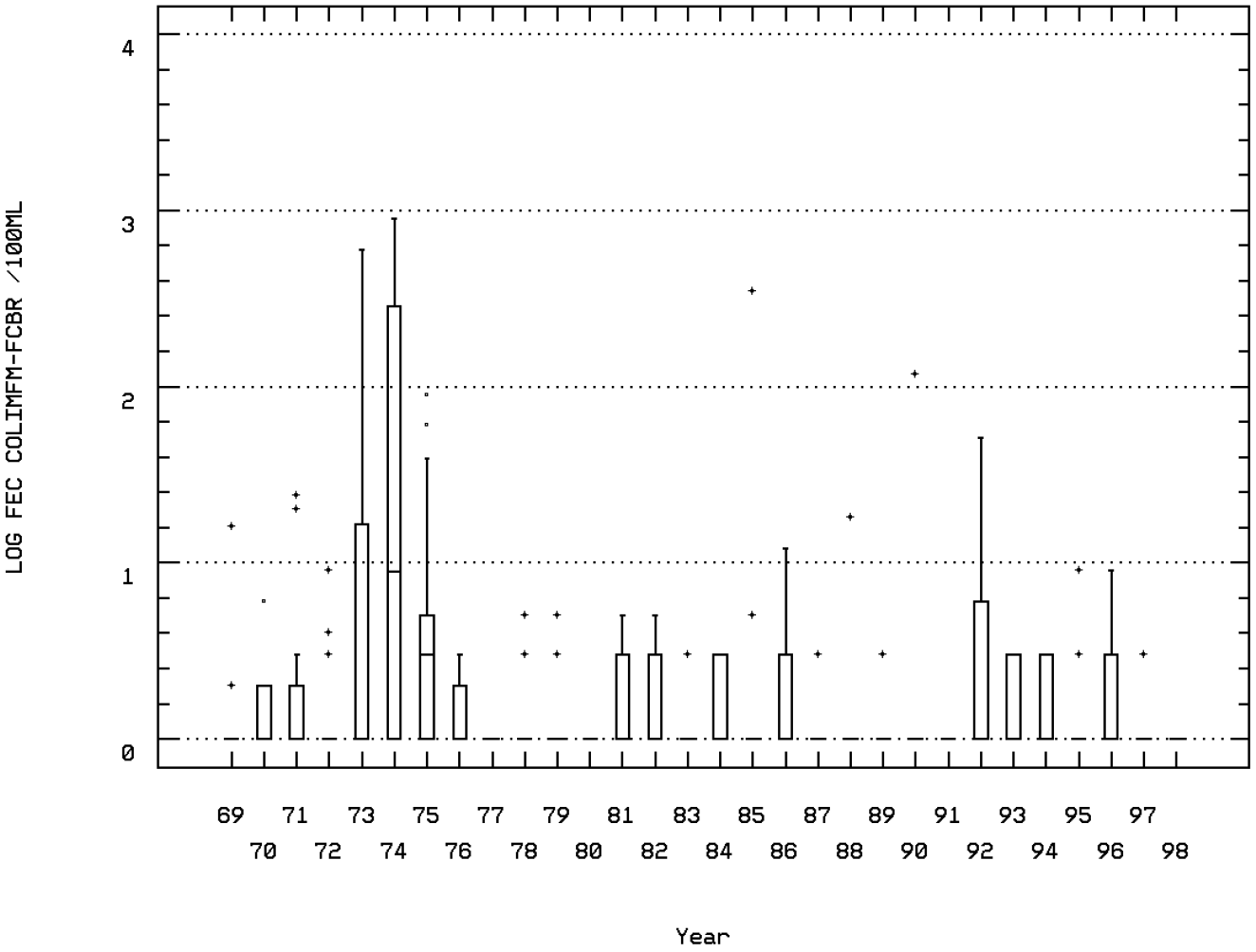
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



BUGBEE CANYON

Station: LAMR0028 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



BUGBEE CANYON

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	37	5.	13.216	50.	1.	212.508	14.578	1.	1.	25.	35.2
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-02/18/76	22	71.	70.736	81.	56.	46.28	6.803	63.3	65.	76.25	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/24/66-02/18/76	18	1825.	1722.222	1900.	600.	129477.124	359.829	870.	1800.	1900.	1900.
00300	OXYGEN, DISSOLVED MG/L	02/09/67-02/18/76	34	8.	8.006	10.4	6.6	0.921	0.959	6.95	7.25	8.625	9.65
00400	PH (STANDARD UNITS)	01/24/66-02/18/76	26	8.275	8.142	8.7	7.4	0.194	0.44	7.57	7.6	8.525	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/24/66-02/18/76	26	8.274	7.934	8.7	7.4	0.239	0.489	7.57	7.6	8.525	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/66-02/18/76	26	0.005	0.012	0.04	0.002	0.	0.011	0.002	0.003	0.025	0.027
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/66-10/25/73	10	182.5	188.3	240.	157.	745.122	27.297	157.1	170.	203.	239.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/24/66-06/16/74	11	202.	210.455	260.	162.	1025.673	32.026	165.6	185.	240.	258.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/66-02/18/76	25	155.	189.68	309.	73.	7752.477	88.048	74.2	108.	274.	295.4
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	217	3.	117.903	7500.	0.	376537.542	613.627	0.	0.	15.	240.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	217	0.477	0.768	3.875	0.	0.781	0.884	0.	0.	1.176	2.38
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.865								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	202	0.	30.626	900.	0.	14018.154	118.398	0.	0.	3.	29.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	202	0.	0.39	2.954	-0.301	0.521	0.722	0.	0.	0.477	1.463
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.456								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	170	0.	43.153	1500.	0.	32738.746	180.939	0.	0.	9.	41.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	170	0.	0.544	3.176	0.	0.572	0.756	0.	0.	0.954	1.62
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.496								

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

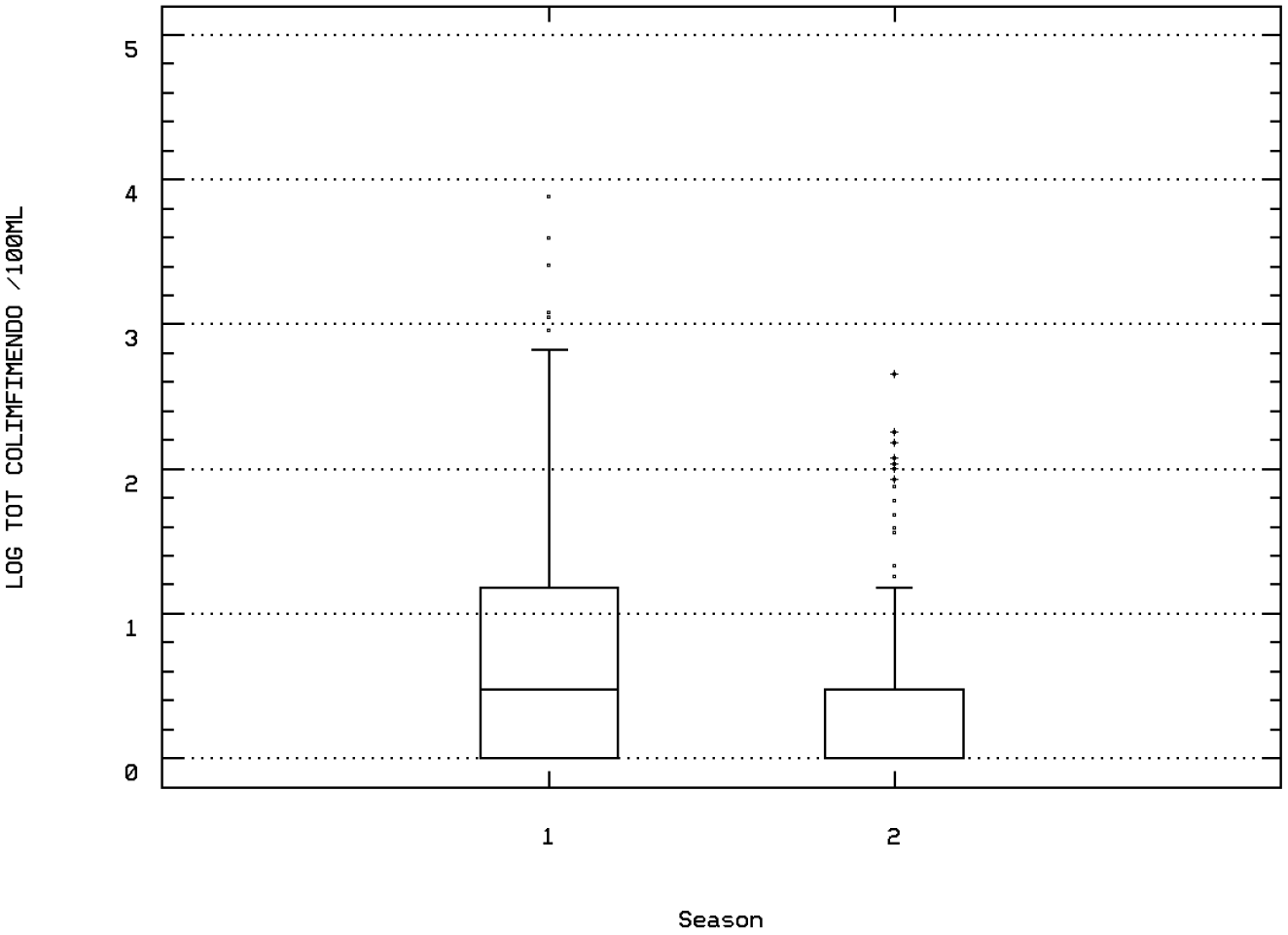
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	31	4.	10.355	39.	1.	149.637	12.233	1.	1.	20.	30.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-02/18/76	24	41.85	44.067	55.4	36.	39.35	6.273	38.35	39.4	48.75	55.35
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/24/66-02/18/76	12	1600.	1574.667	1737.	1260.	13215.333	114.958	1339.5	1550.	1643.5	1710.9
00300	OXYGEN, DISSOLVED MG/L	02/09/67-02/18/76	29	9.7	9.741	12.4	6.	3.469	1.863	7.	8.05	11.5	12.4
00400	PH (STANDARD UNITS)	01/24/66-02/18/76	17	8.55	8.568	8.9	8.	0.084	0.29	8.16	8.4	8.9	8.9
00400	CONVERTED PH (STANDARD UNITS)	01/24/66-02/18/76	17	8.55	8.475	8.9	8.	0.093	0.306	8.16	8.4	8.9	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/66-02/18/76	17	0.003	0.003	0.01	0.001	0.	0.002	0.001	0.001	0.004	0.007
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/66-10/25/73	3	191.	176.667	196.	143.	856.333	29.263	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/24/66-06/16/74	3	250.	247.333	270.	222.	581.333	24.111	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/66-02/18/76	13	254.	245.154	314.	160.	2724.308	52.195	160.4	203.	292.	311.6
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	161	0.	10.665	450.	0.	1859.584	43.123	0.	0.	3.	14.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	161	0.	0.328	2.653	-0.301	0.339	0.582	0.	0.	0.477	1.17
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.127								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	152	0.	3.039	348.	0.	811.429	28.486	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	152	0.	0.091	2.542	0.	0.087	0.296	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.233								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	115	0.	1.409	30.	0.	19.788	4.448	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	115	0.	0.139	1.477	0.	0.099	0.315	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.379								

** - Less than 9 observations ## - Computed 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: LAMR0028 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



BUGBEE CANYON

Station Inventory for Station: LAMR0029

NPS Station ID: LAMR0029 | LAT/LON: 35.676003/-101.601003 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: LAKE MEREDITH-MEREDITH CANYON | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_TPWD_04
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 2915 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE MEREDITH CANYON AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	51	17.2	17.133	24.	4.4	21.726	4.661	11.	13.2	21.	23.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	50	22.	19.584	33.3	1.	48.958	6.997	10.1	15.	24.625	26.63
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	42	0.69	0.949	3.05	0.14	0.497	0.705	0.389	0.51	1.163	2.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	23	2000.	1901.087	2500.	1350.	67868.083	260.515	1520.	1700.	2050.	2220.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	47	8.4	8.46	11.	5.	1.394	1.181	7.12	8.	9.	10.08

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

EPA Water Quality Criteria Analysis for Station: LAMR0029

				Total	Exceed	Prop.	4/15-10/31			11/01-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	47	0	0.00	41	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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	45	18.	18.169	24.	11.	14.08	3.752	12.76	15.75	21.5	23.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	44	22.	20.886	33.3	7.	36.004	6.	11.	16.25	25.	27.35
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	37	0.7	0.964	3.05	0.25	0.511	0.715	0.45	0.535	1.125	2.252
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	22	2000.	1919.318	2500.	1350.	63091.18	251.18	1587.5	1775.	2062.5	2240.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	41	8.2	8.334	11.	5.	1.318	1.148	6.88	7.9	9.	9.92

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/84-10/23/96	6	10.9	9.367	13.	4.4	11.319	3.364	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/84-10/23/96	6	13.	10.033	16.	1.	45.767	6.765	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/16/85-10/23/96	5	0.61	0.838	1.83	0.14	0.472	0.687	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/84-10/23/96	6	9.35	9.317	11.	8.	1.266	1.125	**	**	**	**

** - 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

Station Inventory for Station: LAMR0030

NPS Station ID: LAMR0030 LAT/LON: 35.744448/-101.601392 Agency: 11EPALES Date Created: / /
Location: BUGBEE CREEK FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 4823G1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: T/LAKE MEREDITH Elevation: 0 Water Body Id:
Minor Basin: UNIMP RD XING 2 MI NW JCT 2NDRY RD 1913 ECO Region:
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
UNIMPROVED ROAD CROSSING 2 MI W OF JCT WITH SECONDARY ROAD 1913

Parameter Inventory for Station: LAMR0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	13	0.015	0.018	0.032	0.003	0.	0.01	0.005	0.01	0.028	0.032
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	13	0.4	0.613	2.2	0.2	0.295	0.543	0.24	0.3	0.763	1.76
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	13	0.03	0.119	0.37	0.005	0.018	0.134	0.005	0.006	0.215	0.358
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	13	0.01	0.013	0.06	0.005	0.	0.015	0.005	0.005	0.018	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	13 ##	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.005	0.005

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

EPA Water Quality Criteria Analysis for Station: LAMR0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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: LAMR0031

NPS Station ID: LAMR0031 | LAT/LON: 35.673559/-101.601615 | Agency: 11NPSWRD | Date Created: 06/27/98
Location: LAKE MEREDITH-MEREDITH HARBOR | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_08 /10050
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE MEREDITH HARBOR AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10050) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-10/05/92	68	5.	9.471	30.	1.	104.253	10.21	1.	1.	20.	26.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-02/18/76	26	17.8	14.988	25.	3.5	65.798	8.112	3.7	5.45	22.425	24.06
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/18/74-02/18/76	26	64.	58.835	77.	38.3	209.411	14.471	38.7	41.825	72.25	74.87
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	9	86.7	86.767	89.9	83.	7.09	2.663	83.	83.85	89.2	89.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/18/74-08/06/74	2	8.	8.	15.	1.	98.	9.899	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-02/18/76	23	1700.	1730.435	1900.	1550.	17440.711	132.063	1550.	1600.	1850.	1900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/18/76	8	2032.5	2033.875	2101.	1980.	1833.554	42.82	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/18/74-02/18/76	28	9.15	9.696	12.6	7.	3.677	1.918	7.48	8.125	11.975	12.51
00400	PH (STANDARD UNITS)	10/05/71-02/18/76	21	8.7	8.545	8.9	7.4	0.132	0.363	8.2	8.3	8.825	8.9
00400	CONVERTED PH (STANDARD UNITS)	10/05/71-02/18/76	21	8.7	8.326	8.9	7.4	0.182	0.427	8.2	8.3	8.825	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/71-02/18/76	21	0.002	0.005	0.04	0.001	0.	0.008	0.001	0.001	0.005	0.006
00403	PH, LAB, STANDARD UNITS SU	06/18/74-02/18/76	8	8.5	8.488	8.7	8.3	0.016	0.125	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-02/18/76	8	8.5	8.472	8.7	8.3	0.016	0.126	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-02/18/76	8	0.003	0.003	0.005	0.002	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-10/05/71	2	178.	178.	178.	178.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/05/71-10/05/71	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-02/18/76	8 ##	5.	5.875	12.	5.	6.125	2.475	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-02/18/76	8 ##	5.	4.375	5.	0.	3.125	1.768	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-02/18/76	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-02/18/76	8 ##	0.01	0.015	0.04	0.01	0.	0.01	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/05/71-02/18/76	9 ##	0.015	0.036	0.07	0.	0.001	0.029	0.	0.015	0.065	0.07
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-02/18/76	8 ##	0.015	0.018	0.04	0.015	0.	0.009	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-02/18/76	8	0.015	0.015	0.02	0.01	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-02/18/76	8	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/18/76	8	4.5	6.	11.	2.	14.	3.742	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-10/05/71	2	240.	240.	240.	240.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/71-02/18/76	10	294.5	297.3	313.	283.	109.122	10.446	283.	290.5	308.25	312.6
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	7	300.	312.857	350.	290.	515.476	22.704	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/71-02/18/76	10	286.	285.9	300.	272.	90.989	9.539	272.3	278.	293.25	300.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/05/71	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	266	3.	8.096	720.	0.	2100.946	45.836	0.	0.	6.	12.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	266	0.477	0.414	2.857	-0.301	0.253	0.503	0.	0.	0.778	1.079
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.593								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	271	0.	1.751	54.	0.	34.953	5.912	0.	0.	0.	4.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	271	0.	0.155	1.732	-0.301	0.113	0.337	0.	0.	0.	0.68
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.43								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	3.	2.	3.	0.	3.	1.732	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.477	0.318	0.477	0.	0.076	0.275	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.08								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	248	0.	5.262	180.	0.	355.822	18.863	0.	0.	3.	9.3
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	248	0.	0.288	2.255	0.	0.234	0.484	0.	0.	0.477	0.967
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.939								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/05/78-12/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/05/78-12/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			1.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-02/18/76	8 ##	2.	2.5	6.	2.	2.	1.414	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	1	82.18	82.18	82.18	82.18	0.	0.	**	**	**	**

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

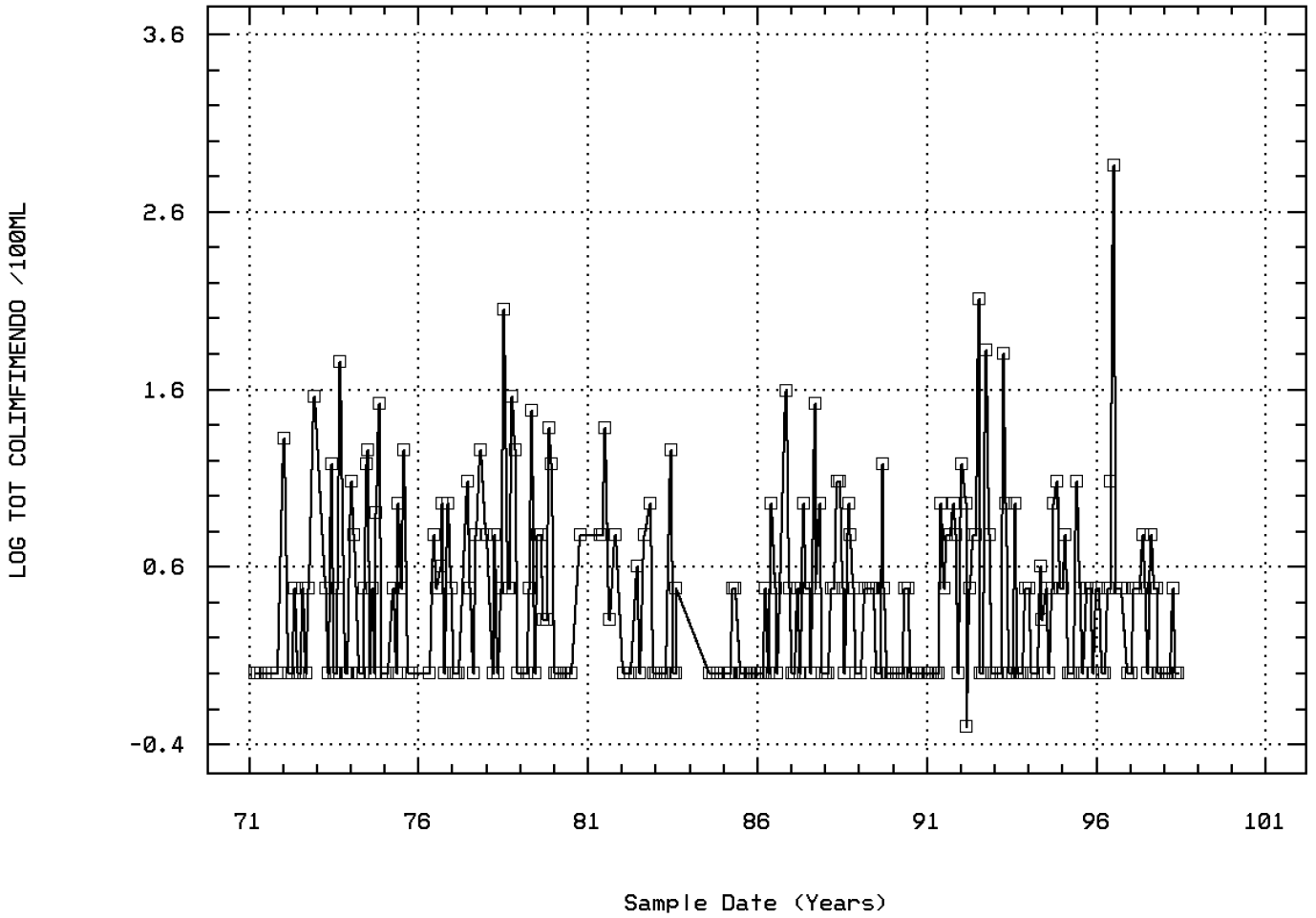
EPA Water Quality Criteria Analysis for Station: LAMR0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	28	0	0.00	14	0	0.00	14	0	0.00						
00400	PH	Fresh Chronic	9.	21	0	0.00	12	0	0.00	9	0	0.00						
		Other-Lo Lim.	6.5	21	0	0.00	12	0	0.00	9	0	0.00						
00403	PH, LAB	Fresh Chronic	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.	8	0	0.00	4	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	6	0	0.00	4	0	0.00						
		Drinking Water	250.	10	10	1.00	6	6	1.00	4	4	1.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	4	0	0.00	3	0	0.00						
		Drinking Water	250.	7	7	1.00	4	4	1.00	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	10	1.00	6	6	1.00	4	4	1.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	266	0	0.00	152	0	0.00	114	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	271	0	0.00	154	0	0.00	117	0	0.00						

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

Station: LAMR0031 Parameter Code: 31501

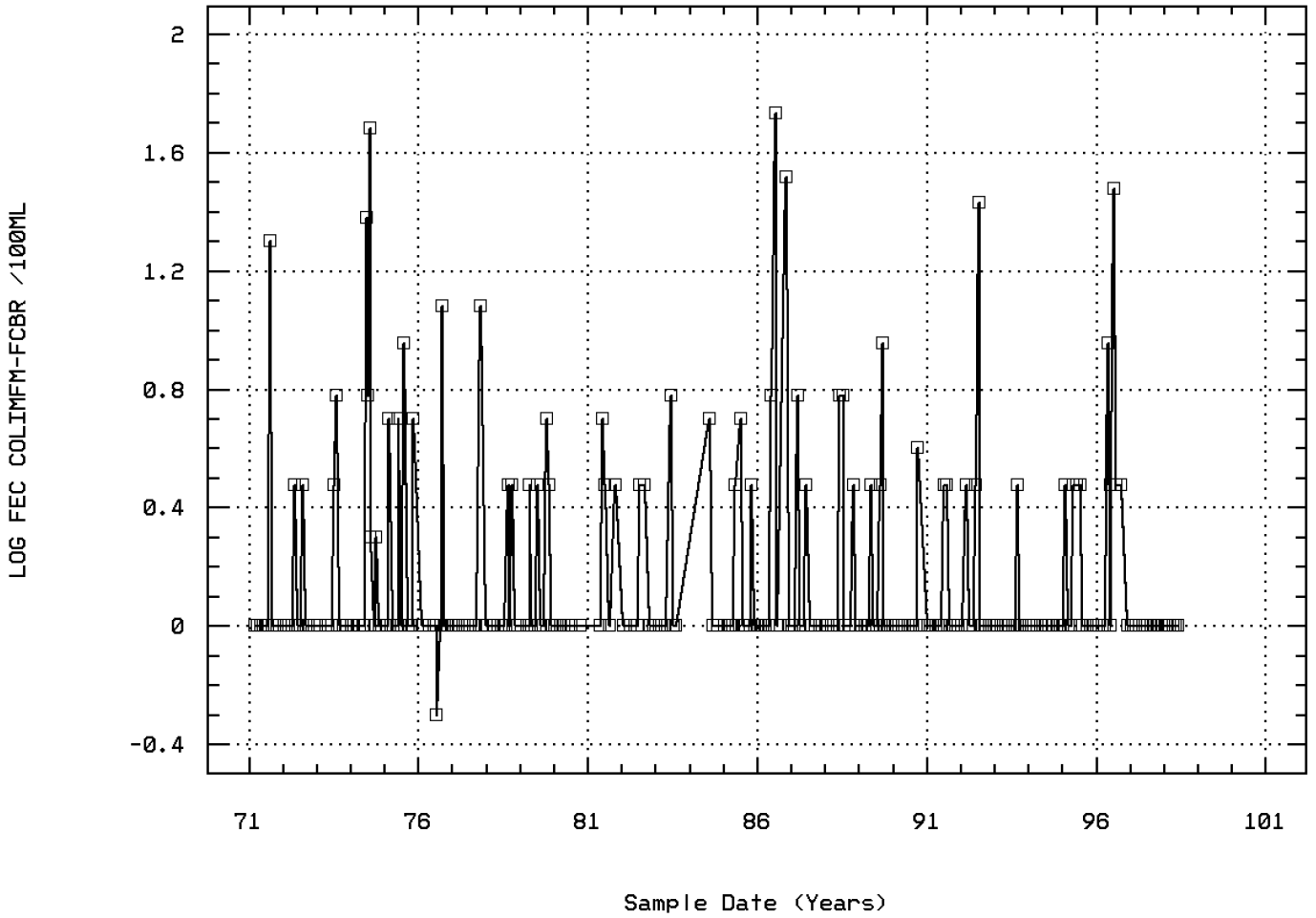
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-MEREDITH HARBOR

Station: LAMR0031 Parameter Code: 31616

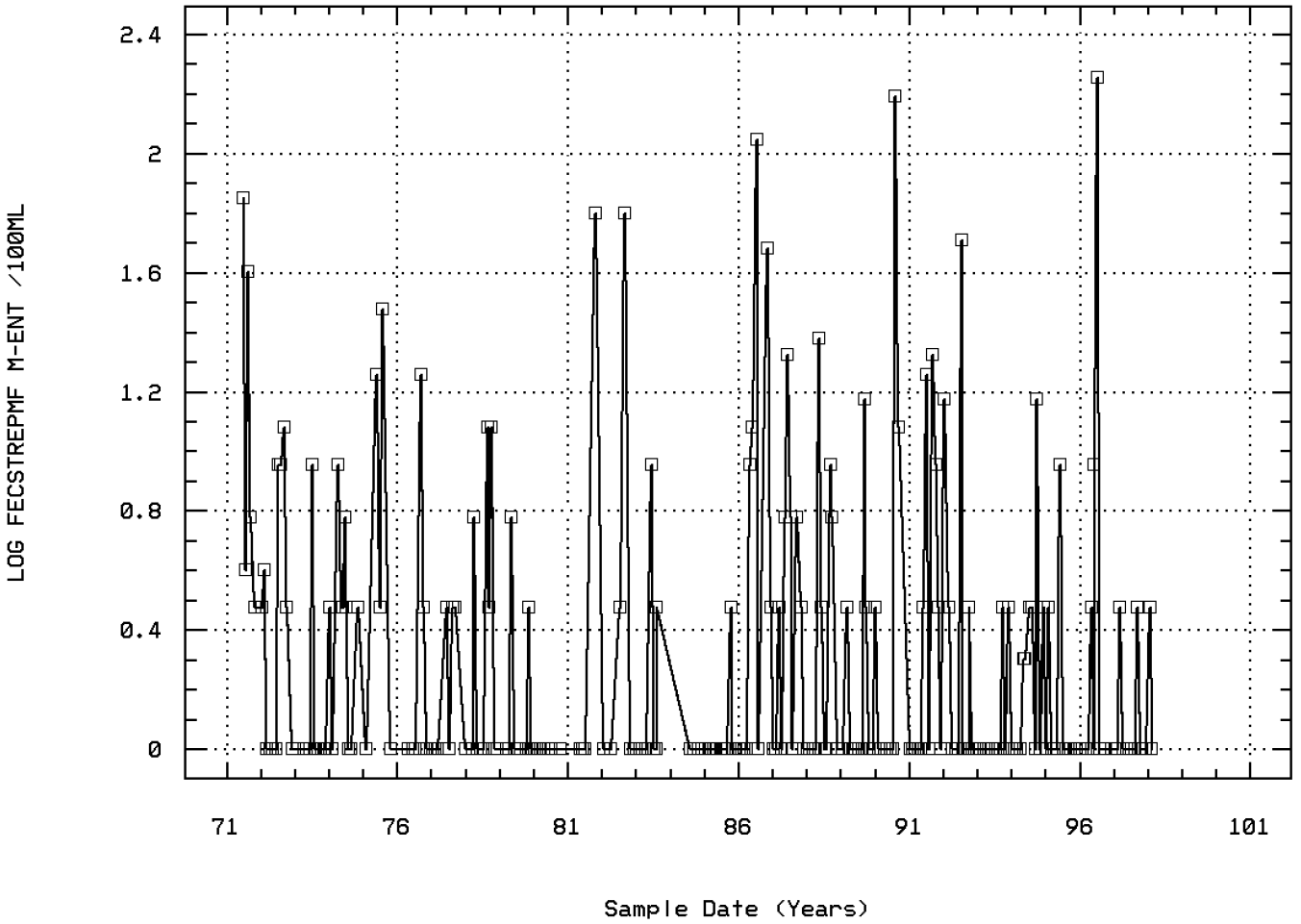
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-MEREDITH HARBOR

Station: LAMR0031 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-MEREDITH HARBOR

Annual Analysis for 1971 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	6	0.	1.667	10.	0.	16.667	4.082	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	6	0.	0.167	1.	0.	0.167	0.408	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.468								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	2.	20.	0.	40.	6.325	0.	0.	0.	18.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	0.13	1.301	0.	0.169	0.411	0.	0.	0.	1.171
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.349								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	6.	24.8	71.	3.	906.7	30.111	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.778	1.062	1.851	0.477	0.387	0.622	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			11.538								

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Annual Analysis for 1972 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	10	1.5	6.6	36.	0.	147.6	12.149	0.	0.	7.5	34.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	10	0.239	0.431	1.556	0.	0.333	0.577	0.	0.	0.688	1.533
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.698								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.221								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	3.636	12.	0.	19.455	4.411	0.	0.	9.	11.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.413	1.079	0.	0.193	0.439	0.	0.	0.954	1.054
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.589								

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Annual Analysis for 1973 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	9	0.	8.667	57.	0.	352.	18.762	0.	0.	9.	57.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	9	0.	0.432	1.756	0.	0.405	0.637	0.	0.	0.827	1.756
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.703								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	8	0.	1.125	6.	0.	4.982	2.232	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	8	0.	0.157	0.778	0.	0.091	0.301	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.435								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.	9.	0.	9.	3.	0.	0.	0.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.106	0.954	0.	0.101	0.318	0.	0.	0.	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.277								

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Annual Analysis for 1974 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	13	3.	7.538	33.	0.	96.769	9.837	0.	0.	13.5	27.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	13	0.477	0.59	1.519	0.	0.316	0.562	0.	0.	1.128	1.413
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.887								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	14	0.	5.929	48.	0.	187.148	13.68	0.	0.	3.	36.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	14	0.	0.317	1.681	0.	0.316	0.562	0.	0.	0.42	1.531
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.076								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	3.	3.	9.	0.	8.	2.828	0.	0.	3.75	8.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.477	0.412	0.954	0.	0.107	0.326	0.	0.	0.552	0.937

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Annual Analysis for 1974 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.581								

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Annual Analysis for 1975 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	8	1.5	4.125	18.	0.	40.982	6.402	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	8	0.239	0.395	1.255	0.	0.241	0.491	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.486								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	12	0.	2.833	10.	0.	14.515	3.81	0.	0.	5.	9.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	12	0.	0.338	1.	0.	0.183	0.427	0.	0.	0.699	0.986
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.176								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	3.	10.2	30.	0.	178.2	13.349	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.477	0.642	1.477	0.	0.481	0.694	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.384								

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Annual Analysis for 1976 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	9	3.	4.111	9.	0.	11.111	3.333	0.	1.5	7.5	9.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	9	0.477	0.524	0.954	0.	0.125	0.353	0.	0.239	0.866	0.954
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.345								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	1.35	12.	0.	14.114	3.757	0.	0.	0.625	10.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	0.078	1.079	-0.301	0.133	0.364	0.	0.	-0.226	0.971
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.196								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	2.625	18.	0.	39.696	6.301	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.217	1.255	0.	0.204	0.452	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.646								

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Annual Analysis for 1977 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	8	1.5	4.875	18.	0.	46.125	6.792	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	8	0.239	0.449	1.255	0.	0.28	0.53	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.81								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	8	0.	1.5	12.	0.	18.	4.243	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	8	0.	0.135	1.079	0.	0.146	0.382	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.364								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	1.286	3.	0.	2.571	1.604	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.204	0.477	0.	0.065	0.255	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.601								

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Annual Analysis for 1978 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	11	3.	16.909	111.	0.	1089.491	33.007	0.	0.	18.	96.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	11	0.477	0.713	2.045	0.	0.448	0.669	0.	0.	1.255	1.948
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.166								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.221								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.	12.	0.	23.4	4.837	0.	0.	6.	12.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.31	1.079	0.	0.21	0.459	0.	0.	0.778	1.079
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.043								

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Annual Analysis for 1979 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	10	4.5	8.8	30.	0.	112.844	10.623	0.	1.5	17.25	29.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	10	0.628	0.667	1.477	0.	0.294	0.542	0.	0.226	1.227	1.467
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.644								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	1.273	5.	0.	3.418	1.849	0.	0.	3.	4.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.194	0.699	0.	0.076	0.275	0.	0.	0.477	0.655
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.562								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.	6.	0.	4.5	2.121	0.	0.	1.5	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.139	0.778	0.	0.082	0.287	0.	0.	0.239	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.379								

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Annual Analysis for 1980 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	6	0.	1.	6.	0.	6.	2.449	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	6	0.	0.13	0.778	0.	0.101	0.318	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.348								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	5	6.	8.8	24.	2.	75.2	8.672	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	5	0.778	0.803	1.38	0.301	0.147	0.383	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.355								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	5	3.	2.2	5.	0.	4.7	2.168	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	5	0.477	0.331	0.699	0.	0.099	0.315	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.141								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	4	0.	15.75	63.	0.	992.25	31.5	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	4	0.	0.45	1.799	0.	0.809	0.9	**	**	**	**

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Annual Analysis for 1981 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.817								

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Annual Analysis for 1982 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	7	0.	2.714	9.	0.	13.571	3.684	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	7	0.	0.333	0.954	0.	0.183	0.428	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.155								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	7	0.	0.857	3.	0.	2.143	1.464	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	7	0.	0.136	0.477	0.	0.054	0.233	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.369								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	11.	63.	0.	650.4	25.503	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.379	1.799	0.	0.52	0.721	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.396								

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Annual Analysis for 1983 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	8	0.	2.625	18.	0.	39.696	6.301	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	8	0.	0.217	1.255	0.	0.204	0.452	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.646								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	8	0.	0.75	6.	0.	4.5	2.121	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	8	0.	0.097	0.778	0.	0.076	0.275	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.251								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.5	9.	0.	10.286	3.207	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.179	0.954	0.	0.126	0.355	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.51								

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Annual Analysis for 1984 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	3	0.	1.667	5.	0.	8.333	2.887	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	3	0.	0.233	0.699	0.	0.163	0.404	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.71								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1985 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.221								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	1.	5.	0.	3.2	1.789	0.	0.	3.	4.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.15	0.699	0.	0.07	0.264	0.	0.	0.477	0.655
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.413								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.105								

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Annual Analysis for 1986 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	10	1.5	5.7	39.	0.	144.9	12.037	0.	0.	4.5	36.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	10	0.239	0.398	1.591	0.	0.283	0.532	0.	0.	0.596	1.527
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.498								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	9.3	54.	0.	352.9	18.786	0.	0.	12.75	51.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	0.403	1.732	0.	0.477	0.69	0.	0.	0.963	1.711
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.529								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	1.5	18.3	111.	0.	1278.9	35.762	0.	0.	21.	104.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.239	0.624	2.045	0.	0.603	0.776	0.	0.	1.23	2.009
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.204								

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Annual Analysis for 1987 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	12	3.	5.25	33.	0.	86.932	9.324	0.	0.	7.5	25.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	12	0.477	0.445	1.519	0.	0.242	0.492	0.	0.	0.835	1.349
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.784								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	0.9	6.	0.	4.1	2.025	0.	0.	0.75	5.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	0.126	0.778	0.	0.075	0.274	0.	0.	0.119	0.748
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.335								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	4.091	21.	0.	38.291	6.188	0.	0.	6.	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.419	1.322	0.	0.209	0.457	0.	0.	0.778	1.213
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.625								

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Annual Analysis for 1988 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	12	3.	4.25	12.	0.	20.386	4.515	0.	0.	8.25	12.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	12	0.477	0.483	1.079	0.	0.178	0.421	0.	0.	0.91	1.079
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.043								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	12	0.	1.25	6.	0.	5.659	2.379	0.	0.	2.25	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	12	0.	0.169	0.778	0.	0.099	0.315	0.	0.	0.358	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.477								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.818	24.	0.	54.164	7.36	0.	0.	6.	21.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.326	1.38	0.	0.248	0.498	0.	0.	0.778	1.295

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Annual Analysis for 1988 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.12								

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Annual Analysis for 1989 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	11	3.	2.727	15.	0.	18.818	4.338	0.	0.	3.	12.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	11	0.477	0.324	1.176	0.	0.137	0.37	0.	0.	0.477	1.036
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.108								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	1.364	9.	0.	7.855	2.803	0.	0.	3.	7.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.173	0.954	0.	0.103	0.322	0.	0.	0.477	0.859
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.491								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.909	15.	0.	20.291	4.505	0.	0.	3.	12.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.194	1.176	0.	0.143	0.378	0.	0.	0.477	1.036
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.562								

** - Less than 9 observations ## - Computed 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 LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	10	0.	0.6	3.	0.	1.6	1.265	0.	0.	0.75	3.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	10	0.	0.095	0.477	0.	0.04	0.201	0.	0.	0.119	0.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.246								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	9	0.	0.444	4.	0.	1.778	1.333	0.	0.	0.	4.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	9	0.	0.067	0.602	0.	0.04	0.201	0.	0.	0.	0.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.167								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	19.	156.	0.	2655.	51.527	0.	0.	7.5	156.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.417	2.193	0.	0.58	0.762	0.	0.	0.778	2.193
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.61								

** - Less than 9 observations ## - Computed 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 LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	12	1.5	3.25	9.	0.	13.841	3.72	0.	0.	6.	9.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	12	0.239	0.393	0.954	0.	0.183	0.427	0.	0.	0.778	0.954
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.474								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	12	0.	0.5	3.	0.	1.364	1.168	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	12	0.	0.08	0.477	0.	0.034	0.186	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.201								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	4.5	21.	0.	56.455	7.514	0.	0.	7.5	20.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.374	1.322	0.	0.274	0.523	0.	0.	0.835	1.302
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.365								

** - Less than 9 observations ## - Computed 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 LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	12	6.	20.042	129.	0.	1509.112	38.847	0.	0.125	13.5	110.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	12	0.778	0.714	2.111	-0.301	0.552	0.743	0.	-0.075	1.121	2.023
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.179								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	3.	27.	0.	64.8	8.05	0.	0.	3.	22.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.217	1.431	0.	0.199	0.446	0.	0.	0.477	1.241
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.648								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	6.	51.	0.	219.273	14.808	0.	0.	3.	40.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.32	1.708	0.	0.321	0.566	0.	0.	0.477	1.548
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.088								

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Annual Analysis for 1993 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	11	0.	7.636	63.	0.	349.855	18.704	0.	0.	9.	52.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	11	0.	0.38	1.799	0.	0.369	0.608	0.	0.	0.954	1.63
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.401								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.221								

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Annual Analysis for 1994 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	12	3.	3.25	12.	0.	14.023	3.745	0.	0.	3.75	11.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	12	0.477	0.404	1.079	0.	0.135	0.367	0.	0.	0.571	1.042
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.534								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	1.	2.333	15.	0.	17.697	4.207	0.	0.	3.	11.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.151	0.267	1.176	0.	0.126	0.355	0.	0.	0.477	0.966
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.851								

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Annual Analysis for 1995 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	11	3.	2.727	12.	0.	13.418	3.663	0.	0.	3.	10.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	11	0.477	0.342	1.079	0.	0.139	0.373	0.	0.	0.477	1.019
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.2								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	1.091	3.	0.	2.291	1.514	0.	0.	3.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.173	0.477	0.	0.058	0.241	0.	0.	0.477	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.491								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.091	9.	0.	7.691	2.773	0.	0.	0.	7.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.13	0.954	0.	0.095	0.309	0.	0.	0.	0.859

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Annual Analysis for 1995 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.349								

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

Annual Analysis for 1996 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	11	3.	68.182	720.	0.	46746.164	216.209	0.	0.	3.	578.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	11	0.477	0.618	2.857	0.	0.649	0.806	0.	0.	0.477	2.502
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.151								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	4.364	30.	0.	79.855	8.936	0.	0.	3.	25.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	11	0.	0.351	1.477	0.	0.242	0.492	0.	0.	0.477	1.373
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.245								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	17.455	180.	0.	2913.873	53.98	0.	0.	3.	145.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.335	2.255	0.	0.499	0.706	0.	0.	0.477	1.995
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.163								

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Annual Analysis for 1997 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	12	3.	2.5	6.	0.	4.636	2.153	0.	0.	3.	6.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	12	0.477	0.368	0.778	0.	0.086	0.294	0.	0.	0.477	0.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.335								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	0.5	3.	0.	1.364	1.168	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.08	0.477	0.	0.034	0.186	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.201								

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Annual Analysis for 1998 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	6	0.	0.5	3.	0.	1.5	1.225	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	6	0.	0.08	0.477	0.	0.038	0.195	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.201								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-10/05/92	39	5.	10.077	30.	1.	112.704	10.616	1.	1.	20.	30.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	152	3.	11.342	720.	0.	3601.114	60.009	0.	0.	6.	14.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	152	0.477	0.505	2.857	0.	0.268	0.518	0.	0.	0.778	1.147
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.199								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	154	0.	2.575	54.	0.	51.512	7.177	0.	0.	3.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	154	0.	0.227	1.732	-0.301	0.15	0.388	0.	0.	0.477	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.686								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	141	0.	8.376	180.	0.	586.636	24.221	0.	0.	6.	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	141	0.	0.418	2.255	0.	0.319	0.564	0.	0.	0.778	1.255
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.619								

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-10/05/92	29	5.	8.655	30.	1.	95.305	9.762	1.	1.	15.	26.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/09/71-06/01/98	114	0.	3.768	63.	0.	81.815	9.045	0.	0.	3.	10.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/09/71-06/01/98	114	0.	0.292	1.799	-0.301	0.209	0.457	0.	0.	0.477	1.017
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.96								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	117	0.	0.667	33.	0.	11.328	3.366	0.	0.	0.	1.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/09/71-06/01/98	117	0.	0.061	1.519	0.	0.05	0.223	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.151								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	107	0.	1.159	48.	0.	24.437	4.943	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	107	0.	0.115	1.681	0.	0.072	0.268	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.304								

** - 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

Station Inventory for Station: LAMR0032

NPS Station ID: LAMR0032 LAT/LON: 35.690003/-101.603338 Agency: 21TXWQB Date Created: 07/23/94
Location: LAKE MEREDITH MID-LAKE BETWEEN BLUE EAST AND FRI FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 10038 /0102.0200 /102.2000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Canadian River Basin ECO Region: 26M
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LAKE MEREDITH MID-LAKE BETWEEN BLUE EAST AND FRITCH FORTRESS

Parameter Inventory for Station: LAMR0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-05/18/92	25	10.	19.6	60.	0.	467.75	21.628	0.	1.	40.	54.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-12/05/74	10	22.2	17.24	23.6	8.3	57.485	7.582	8.3	8.3	23.6	23.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/18/74-12/05/74	10	71.9	63.	74.4	47.	185.502	13.62	47.	47.	74.4	74.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/18/74-08/06/74	2	2.5	2.5	4.	1.	4.5	2.121	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-12/05/74	11	1700.	1713.636	1800.	1650.	4045.455	63.604	1650.	1650.	1800.	1800.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/05/74	3	2002.	2002.	2035.	1969.	1089.	33.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/18/74-12/05/74	11	8.5	8.764	10.5	5.8	2.811	1.676	6.12	7.4	10.5	10.5
00400	PH (STANDARD UNITS)	06/18/74-12/05/74	10	8.4	8.29	8.55	7.	0.22	0.469	7.13	8.3	8.55	8.55
00400	CONVERTED PH (STANDARD UNITS)	06/18/74-12/05/74	10	8.389	7.871	8.55	7.	0.415	0.644	7.13	8.3	8.55	8.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-12/05/74	10	0.004	0.013	0.1	0.003	0.001	0.03	0.003	0.003	0.005	0.091
00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/05/74	3	8.4	8.433	8.5	8.4	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-12/05/74	3	8.4	8.431	8.5	8.4	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-12/05/74	3	0.004	0.004	0.004	0.003	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-12/05/74	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-12/05/74	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-12/05/74	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-12/05/74	3 ##	0.015	0.02	0.03	0.015	0.	0.009	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/18/74-12/05/74	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-12/05/74	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-12/05/74	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-12/05/74	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-12/05/74	3	7.	7.	9.	5.	4.	2.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-12/05/74	3	294.	295.667	299.	294.	8.333	2.887	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-12/05/74	3	300.	301.667	320.	285.	308.333	17.559	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/74-12/05/74	3	283.	281.333	289.	272.	74.333	8.622	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/18/92-05/18/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/18/92-05/18/92	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-05/18/92	4 ##	3.5	164.375	650.	0.5	104817.563	323.755	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-05/18/92	4 ##	0.5	0.878	2.813	-0.301	1.833	1.354	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.55								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/18/92-05/18/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/18/92-05/18/92	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			0.5								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-12/05/74	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/19/74-09/19/74	5	0.08	0.078	0.1	0.05	0.	0.019	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	6	0	0.00	5	0	0.00						
00400	PH	Fresh Chronic	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						
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL 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	3	1.00	2	2	1.00	1	1	1.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	250.	3	3	1.00	2	2	1.00	1	1	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	3	1.00	2	2	1.00	1	1	1.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	2	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: LAMR0033

NPS Station ID: LAMR0033 | LAT/LON: 35.675170/-101.603559 | Agency: 11NPSWRD | Date Created: 07/25/98
Location: Lake Meredith Reservoir at Fritch Fortress | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_IMS24-5 /IMS24-5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
The station is located on the Sanford TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Water Quality Board. Sediment analyzed for toxics. Sample taken from Lake Meredith opposite of Blue West Recreational Area at Fritch Fortress." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	1	490.	490.	490.	490.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1	49.	49.	49.	49.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

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

Station Inventory for Station: LAMR0034

NPS Station ID: LAMR0034 | LAT/LON: 35.707642/-101.606670 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LAKE MEREDITH-NORTH TURKEY CREEK | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_06 /10041
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE NORTH TURKEY CREEK AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10041) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	291	1.	7.344	47.	0.	81.826	9.046	1.	1.	10.	21.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-07/19/94	101	16.6	15.562	30.	2.3	75.303	8.678	3.52	5.85	24.15	25.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-07/02/85	56	64.	59.95	86.	37.4	230.637	15.187	38.3	43.	74.025	77.42
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	9	86.7	86.767	89.9	83.	7.09	2.663	83.	83.85	89.2	89.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/27/79	10	20.	25.05	87.	0.5	583.469	24.155	0.55	12.25	30.5	81.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/16/77-01/31/89	19	24.	32.211	90.	6.	638.398	25.267	8.	14.	48.	78.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/89-07/19/94	10	1.035	0.927	1.9	0.2	0.295	0.543	0.21	0.375	1.3	1.84
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-07/19/94	113	1900.	1851.92	2380.	145.	157542.503	396.916	1472.	1725.	2140.	2252.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/08/88	31	1980.	1854.419	2512.	1164.	123723.918	351.744	1356.8	1560.	2068.	2343.6
00300	OXYGEN, DISSOLVED MG/L	11/08/67-07/19/94	127	9.	9.176	13.6	4.2	4.705	2.169	6.6	7.4	11.3	12.5
00310	BOD, 5 DAY, 20 DEG C MG/L	11/08/67-03/17/69	8	1.	1.363	5.	0.2	2.291	1.514	**	**	**	**
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/02/76-08/15/78	2	10100.	10100.	18900.	1300.	154880000.	12445.079	**	**	**	**
00400	PH (STANDARD UNITS)	01/21/69-07/19/94	104	8.4	8.311	9.5	5.8	0.383	0.619	7.5	8.2	8.6	8.925
00400	CONVERTED PH (STANDARD UNITS)	01/21/69-07/19/94	104	8.4	7.414	9.5	5.8	1.195	1.093	7.5	8.2	8.6	8.925
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/69-07/19/94	104	0.004	0.039	1.585	0.	0.032	0.179	0.001	0.003	0.006	0.032
00403	PH, LAB, STANDARD UNITS SU	06/18/74-05/10/88	32	8.4	8.369	8.7	7.5	0.068	0.261	8.1	8.2	8.6	8.67
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-05/10/88	32	8.4	8.27	8.7	7.5	0.078	0.279	8.1	8.2	8.6	8.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-05/10/88	32	0.004	0.005	0.032	0.002	0.	0.005	0.002	0.003	0.006	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-07/19/94	38	178.	173.105	206.	79.	572.205	23.921	142.2	167.5	187.	194.3

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

Parameter Inventory for Station: LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/11/71-07/11/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/21/80-07/11/81	3	208.	206.667	223.	189.	290.333	17.039	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/21/80-07/11/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/03/93-07/27/93	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/12/75-11/12/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/12/75-11/12/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-07/19/94	41	6.	12.61	64.	1.	201.694	14.202	2.	5.	14.5	40.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-07/19/94	41	2.	3.366	13.	0.5	8.9	2.983	0.5	1.	5.	7.8
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	08/15/78-08/15/78	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	06/16/75-06/02/76	2	550.	550.	630.	470.	12800.	113.137	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-07/19/94	42 ##	0.05	0.051	0.29	0.005	0.003	0.051	0.01	0.01	0.06	0.107
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/05/91-07/19/94	8 ##	0.005	0.006	0.02	0.	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-07/19/94	45 ##	0.01	0.051	0.37	0.005	0.008	0.091	0.01	0.01	0.03	0.224
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/93-07/19/94	4	0.455	0.535	0.9	0.33	0.063	0.251	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/16/75-08/15/78	3	850.	645.333	1020.	66.	258945.333	508.867	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-07/02/85	25	0.07	0.106	0.34	0.	0.008	0.088	0.015	0.035	0.175	0.238
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-07/02/85	20 ##	0.015	0.026	0.09	0.015	0.	0.021	0.015	0.015	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-07/19/94	42	0.02	0.031	0.11	0.005	0.001	0.028	0.006	0.01	0.04	0.077
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/16/75-08/15/78	3	2000.	1813.333	2200.	1240.	256533.333	506.491	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-07/19/94	41	0.01	0.013	0.04	0.005	0.	0.009	0.005	0.005	0.015	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-07/19/94	42	4.	4.433	11.	0.5	6.982	2.642	0.82	3.	6.025	9.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-07/11/81	5	266.	252.8	270.	211.	636.7	25.233	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/80-07/11/81	3	60.	56.333	61.	48.	52.333	7.234	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/80-07/11/81	3	24.	24.333	27.	22.	6.333	2.517	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/80-08/03/87	4	316.5	296.75	365.	189.	6150.917	78.428	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/68-07/19/94	58	317.5	329.086	500.	37.	6964.326	83.453	248.1	272.5	383.25	448.3
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	7	300.	309.714	400.	245.	2188.905	46.786	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/18/69-07/19/94	49	273.	268.224	350.	148.	1511.761	38.881	211.	257.	293.	312.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/80-07/11/81	3	0.9	0.833	0.9	0.7	0.013	0.115	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/27/79-08/27/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/16/75-01/14/80	6	35.35	36.833	76.	4.6	1186.475	34.445	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/16/75-08/15/78	3 ##	0.25	0.333	0.5	0.25	0.021	0.144	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/16/75-08/15/78	3	32.	27.333	34.	16.	97.333	9.866	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/16/75-08/15/78	3	22.	21.667	25.	18.	12.333	3.512	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/16/75-08/15/78	3	15.	15.333	16.	15.	0.333	0.577	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/16/75-08/15/78	3	460.	480.	560.	420.	5200.	72.111	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/11/71	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/16/75-08/15/78	3	34.	30.	36.	20.	76.	8.718	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/16/75-08/15/78	3	1.4	1.433	1.7	1.2	0.063	0.252	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/16/75-08/15/78	3	72.	67.	79.	50.	229.	15.133	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/15/78-08/15/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	376	3.	8.388	414.	0.	719.53	26.824	0.	0.	6.	18.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	376	0.477	0.472	2.617	-0.301	0.302	0.549	0.	0.	0.778	1.275
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.966								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	371	0.	6.218	424.	0.	1159.827	34.056	0.	0.	3.	7.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	371	0.	0.244	2.627	-0.301	0.223	0.472	0.	0.	0.477	0.891
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.753								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	310	0.	11.21	861.	0.	3170.66	56.309	0.	0.	6.	17.7
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	310	0.	0.411	2.935	-0.301	0.332	0.576	0.	0.	0.778	1.247
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.575								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	58.	60.	122.	0.	3724.	61.025	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	1.763	1.283	2.086	0.	1.261	1.123	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			19.198								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-07/19/94	42	2.65	4.055	22.	0.1	21.096	4.593	0.5	1.9	5.275	8.12
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-07/19/94	33 ##	1.	1.776	7.4	0.	4.726	2.174	0.1	0.1	3.33	5.56
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/16/75-06/02/76	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/16/75-06/02/76	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/16/75-06/02/76	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/16/75-06/02/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/16/75-06/02/76	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/16/75-06/02/76	2	11.5	11.5	23.	0.	264.5	16.263	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/75-06/02/76	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	06/16/75-06/02/76	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/16/75-06/02/76	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/16/75-06/02/76	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/16/75-06/02/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/77-07/19/94	8	1270.	1173.625	1380.	580.	72317.125	268.918	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/16/75-08/15/78	3	0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	10/03/78-12/05/78	2	82.65	82.65	83.12	82.18	0.442	0.665	**	**	**	**
72053	DAYS SINCE PRECIPITATION EVENT DAYS	02/23/90-07/19/94	8	4.	7.125	30.	2.	88.125	9.387	**	**	**	**

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

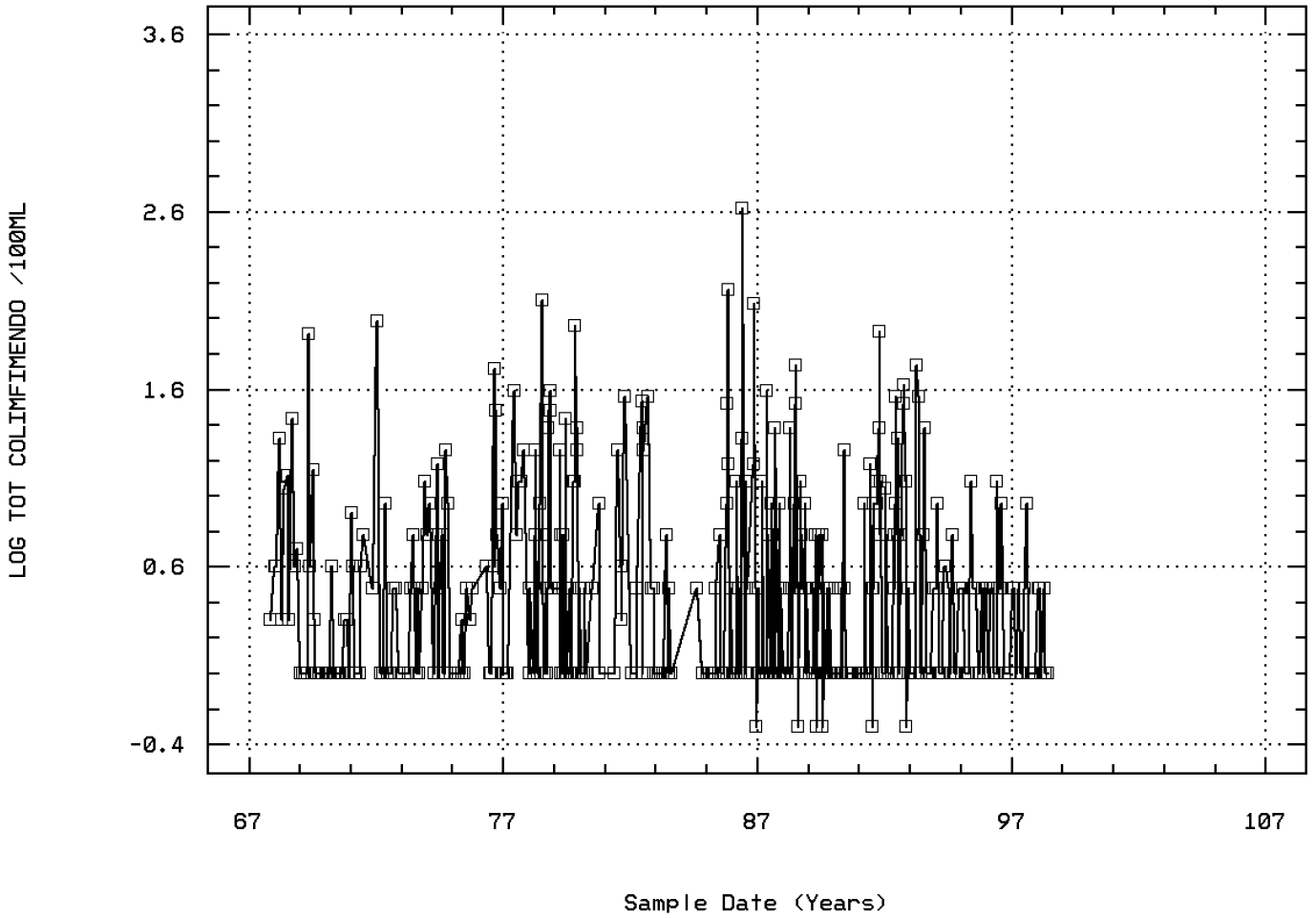
EPA Water Quality Criteria Analysis for Station: LAMR0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	1	0.10	7	1	0.14	3	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	127	0	0.00	77	0	0.00	50	0	0.00						
00400	PH	Fresh Chronic	9.	104	7	0.07	69	5	0.07	35	2	0.06						
		Other-Lo Lim.	6.5	104	4	0.04	69	4	0.06	35	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	32	0	0.00	21	0	0.00	11	0	0.00						
		Other-Lo Lim.	6.5	32	0	0.00	21	0	0.00	11	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	5	0	0.00	3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	45	0	0.00	29	0	0.00	16	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	58	0	0.00	38	0	0.00	20	0	0.00						
		Drinking Water	250.	58	53	0.91	38	33	0.87	20	20	1.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	4	0	0.00	3	0	0.00						
		Drinking Water	250.	7	6	0.86	4	3	0.75	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	49	40	0.82	32	24	0.75	17	16	0.94						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	2	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									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	376	0	0.00	212	0	0.00	164	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	371	3	0.01	214	2	0.01	157	1	0.01						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00	2	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	0 &	0	0.00												
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									

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

Station: LAMR0034 Parameter Code: 31501

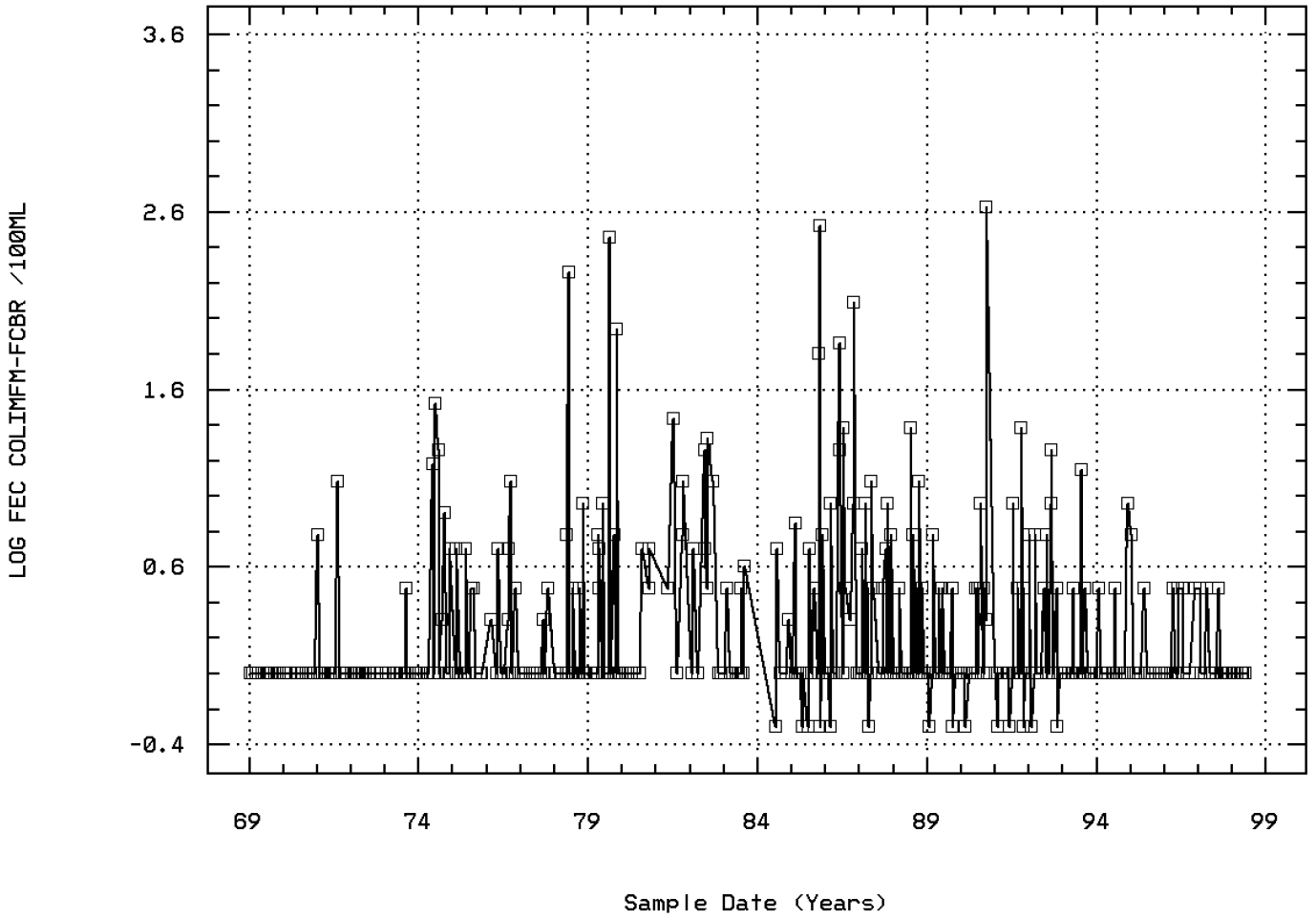
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-NORTH TURKEY CREEK

Station: LAMR0034 Parameter Code: 31616

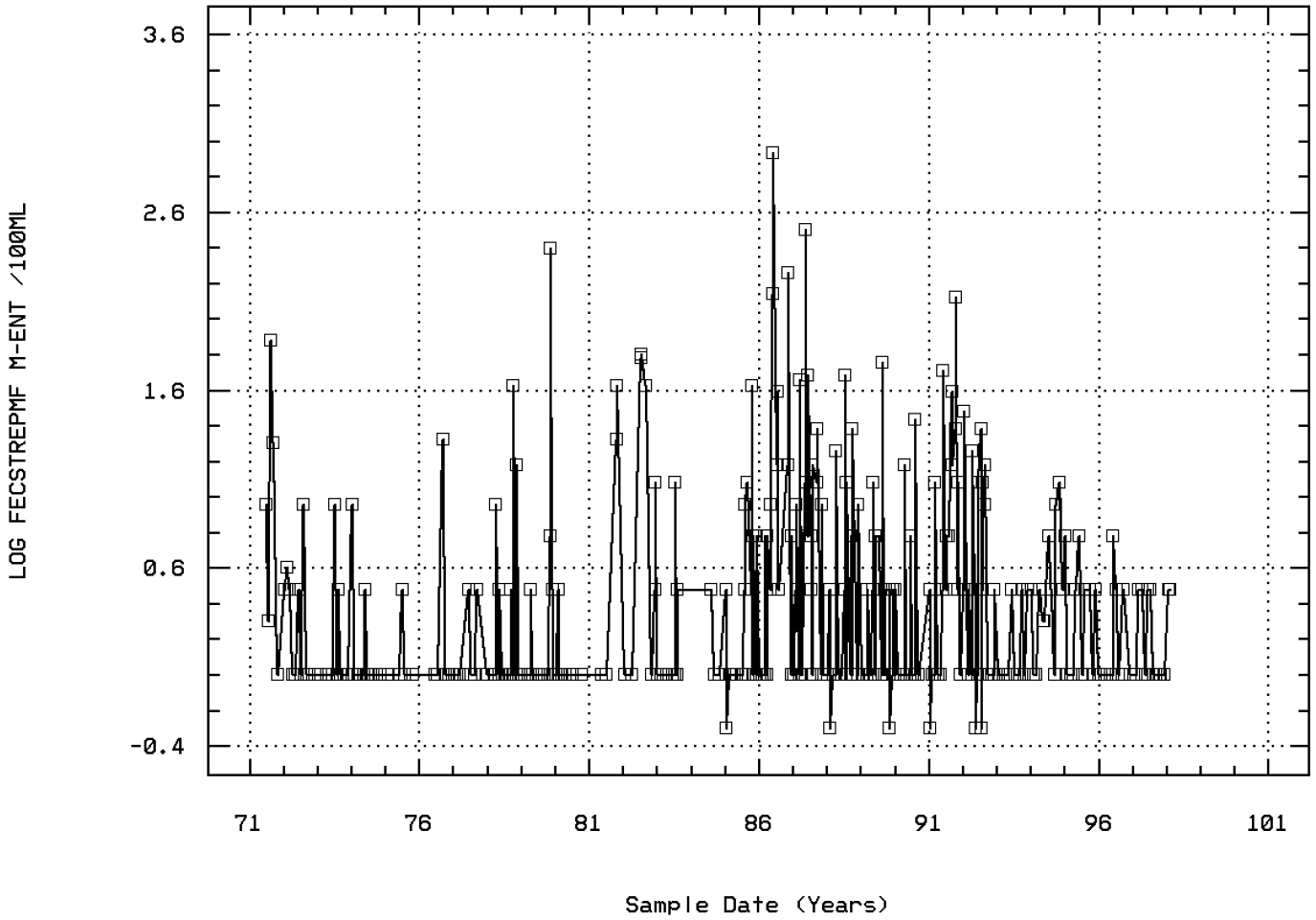
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-NORTH TURKEY CREEK

Station: LAMR0034 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-NORTH TURKEY CREEK

Annual Analysis for 1967 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	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

Annual Analysis for 1968 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	10	4.5	9.3	27.	2.	75.122	8.667	2.	3.5	15.	26.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	10	0.651	0.802	1.431	0.301	0.162	0.402	0.301	0.527	1.166	1.42
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.333								

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

Annual Analysis for 1969 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	14	0.	7.357	82.	0.	475.632	21.809	0.	0.	2.5	48.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	14	0.	0.283	1.914	0.	0.331	0.576	0.	0.	0.376	1.53
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.919								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	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

Annual Analysis for 1970 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	12	0.	0.667	4.	0.	1.697	1.303	0.	0.	1.5	3.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	12	0.	0.1	0.602	0.	0.038	0.196	0.	0.	0.226	0.512
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.26								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1971 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	8	3.5	3.125	8.	0.	8.982	2.997	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	8	0.54	0.42	0.903	0.	0.137	0.37	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.632								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	1.5	12.	0.	13.909	3.729	0.	0.	0.	10.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.155	1.079	0.	0.135	0.367	0.	0.	0.	0.989
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.428								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	9.	21.4	76.	0.	992.8	31.509	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.954	0.887	1.881	0.	0.573	0.757	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.717								

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Annual Analysis for 1972 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	10	0.	11.1	96.	0.	898.1	29.968	0.	0.	4.5	87.3
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	10	0.	0.389	1.982	0.	0.42	0.648	0.	0.	0.596	1.879
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.449								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	2.	9.	0.	8.	2.828	0.	0.	3.	8.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.272	0.954	0.	0.114	0.338	0.	0.	0.477	0.884
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.869								

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Annual Analysis for 1973 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	9	3.	3.333	12.	0.	14.5	3.808	0.	0.	4.5	12.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	9	0.477	0.418	1.079	0.	0.138	0.372	0.	0.	0.628	1.079
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.621								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.13								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.333	9.	0.	9.25	3.041	0.	0.	1.5	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.159	0.954	0.	0.114	0.337	0.	0.	0.239	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.442								

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Annual Analysis for 1974 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	12	12.5	12.333	25.	1.	82.061	9.059	1.	2.	20.	25.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	13	6.	5.538	18.	0.	35.769	5.981	0.	0.	9.	16.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	13	0.778	0.55	1.255	0.	0.241	0.491	0.	0.	0.954	1.224
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.549								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	1.	6.308	33.	0.	101.231	10.061	0.	0.	11.5	27.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	0.	0.45	1.519	0.	0.335	0.579	0.	0.	1.04	1.413
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.82								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	1.2	9.	0.	8.4	2.898	0.	0.	0.75	8.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.143	0.954	0.	0.104	0.322	0.	0.	0.119	0.907
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.39								

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Annual Analysis for 1975 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	26	10.	15.231	47.	1.	199.465	14.123	1.	2.75	26.25	40.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	8	1.	1.25	3.	0.	1.929	1.389	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	8	0.151	0.195	0.477	0.	0.048	0.218	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.565								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	1.417	5.	0.	4.083	2.021	0.	0.	3.	5.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.196	0.699	0.	0.088	0.297	0.	0.	0.477	0.699
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.57								

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

Annual Analysis for 1975 - Station LAMR0034

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	07/02/71-02/09/98	5	0.	0.6	3.	0.	1.8	1.342	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.095	0.477	0.	0.046	0.213	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.246								

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

Annual Analysis for 1976 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	13	5.	10.308	32.	1.	117.897	10.858	1.	1.	20.5	29.6
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	10	4.	10.8	52.	0.	288.4	16.982	0.	0.	14.25	49.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	10	0.602	0.661	1.716	0.	0.359	0.599	0.	0.	1.085	1.692
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.578								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	2.	2.636	12.	0.	13.455	3.668	0.	0.	5.	10.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.301	0.323	1.079	0.	0.14	0.374	0.	0.	0.699	1.003
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	3.5	21.	0.	73.5	8.573	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.22	1.322	0.	0.291	0.54	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.661								

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

Annual Analysis for 1977 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	5	10.	12.6	27.	1.	115.3	10.738	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	8	9.	10.875	39.	0.	174.696	13.217	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	8	0.929	0.723	1.591	0.	0.409	0.639	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.283								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.556	3.	0.	1.278	1.13	0.	0.	1.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.086	0.477	0.	0.031	0.177	0.	0.	0.151	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.22								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	0.857	3.	0.	2.143	1.464	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.136	0.477	0.	0.054	0.233	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.369								

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Annual Analysis for 1978 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	15	1.	5.6	21.	1.	55.686	7.462	1.	1.	10.	21.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	17	3.	15.882	126.	0.	943.61	30.718	0.	0.	21.	56.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	17	0.477	0.719	2.1	0.	0.428	0.654	0.	0.	1.318	1.693
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.236								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	16	0.	12.563	180.	0.	2000.663	44.729	0.	0.	3.	60.3
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	16	0.	0.309	2.255	0.	0.369	0.607	0.	0.	0.477	1.345
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.036								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	16	0.	4.5	42.	0.	117.6	10.844	0.	0.	3.	23.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	16	0.	0.294	1.623	0.	0.267	0.516	0.	0.	0.477	1.31
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.969								

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Annual Analysis for 1979 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	16	1.	3.	10.	0.	11.067	3.327	0.7	1.	5.5	9.3
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	17	6.	12.882	90.	0.	475.61	21.808	0.	0.	18.	39.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	17	0.778	0.703	1.954	0.	0.408	0.639	0.	0.	1.255	1.536
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.043								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	15	0.	26.8	286.	0.	5627.029	75.014	0.	0.	6.	166.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	15	0.	0.539	2.456	0.	0.591	0.769	0.	0.	0.778	2.146
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.458								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	21.75	249.	0.	5125.295	71.591	0.	0.	3.	176.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.344	2.396	0.	0.489	0.699	0.	0.	0.477	1.911
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.208								

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Annual Analysis for 1980 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	7	1.	3.143	12.	1.	17.476	4.18	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	9	0.	2.	9.	0.	9.	3.	0.	0.	3.	9.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	9	0.	0.265	0.954	0.	0.12	0.347	0.	0.	0.477	0.954
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.841								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	1.625	5.	0.	5.411	2.326	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.234	0.699	0.	0.109	0.331	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.715								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	0.429	3.	0.	1.286	1.134	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.068	0.477	0.	0.033	0.18	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.17								

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Annual Analysis for 1981 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	4	1.	1.	1.	1.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	5	4.	12.	36.	0.	230.	15.166	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	5	0.602	0.743	1.556	0.	0.423	0.65	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.533								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	5	6.	9.6	27.	0.	114.3	10.691	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	5	0.778	0.753	1.431	0.	0.303	0.55	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.665								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	4	10.5	15.75	42.	0.	404.25	20.106	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	4	0.661	0.736	1.623	0.	0.738	0.859	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.45								

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Annual Analysis for 1982 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	9	1.	4.	15.	1.	26.5	5.148	1.	1.	7.5	15.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	3.	11.	36.	0.	204.8	14.311	0.	0.	24.	35.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	0.477	0.65	1.556	0.	0.428	0.654	0.	0.	1.38	1.551
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.471								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	4.	6.4	21.	0.	62.044	7.877	0.	0.	13.5	20.7

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Annual Analysis for 1982 - Station LAMR0034

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	01/21/69-06/01/98	10	0.588	0.553	1.322	0.	0.293	0.541	0.	0.	1.123	1.316
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.574								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	7.5	22.5	63.	0.	776.571	27.867	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.778	0.845	1.799	0.	0.674	0.821	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.992								

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Annual Analysis for 1983 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	4	3.	5.	13.	1.	32.	5.657	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	9	0.	1.	6.	0.	4.5	2.121	0.	0.	1.5	6.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	9	0.	0.139	0.778	0.	0.082	0.287	0.	0.	0.239	0.778
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.379								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	1.	4.	0.	2.667	1.633	0.	0.	3.	3.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.156	0.602	0.	0.064	0.253	0.	0.	0.477	0.59
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.431								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.667	12.	0.	16.	4.	0.	0.	1.5	12.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.173	1.079	0.	0.14	0.375	0.	0.	0.239	1.079
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.489								

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Annual Analysis for 1984 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	8	5.	5.5	12.	1.	19.429	4.408	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	5	0.5	1.5	5.	0.	4.5	2.121	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	5	-0.301	0.14	0.699	-0.301	0.143	0.378	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.38								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.	0.159	0.477	0.	0.076	0.275	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.442								

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Annual Analysis for 1985 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	17	1.	2.647	8.	1.	5.993	2.448	1.	1.	5.	7.2
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	15	0.	14.2	144.	0.	1368.6	36.995	0.	0.	9.	77.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	15	0.	0.503	2.158	0.	0.466	0.683	0.	0.	0.954	1.774
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.182								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	17	0.5	24.441	330.	0.	6427.09	80.169	0.	0.	5.5	116.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	17	-0.301	0.366	2.519	-0.301	0.601	0.775	0.	0.	0.739	1.943
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.32								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	16	1.75	5.281	42.	0.	109.466	10.463	0.	0.	6.	21.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	16	0.088	0.396	1.623	-0.301	0.279	0.528	0.	0.	0.778	1.242
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.491								

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Annual Analysis for 1986 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	11	1.	1.545	7.	1.	3.273	1.809	1.	1.	1.	5.8
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	16	3.	37.719	414.	0.	10934.266	104.567	0.	0.	14.25	208.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	16	0.477	0.655	2.617	-0.301	0.702	0.838	0.	0.	1.152	2.241
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.521								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	16	1.25	16.281	123.	0.	1143.132	33.81	0.	0.	15.75	87.3
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	16	0.	0.561	2.09	-0.301	0.567	0.753	0.	0.	1.18	1.927
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.635								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	17	6.	75.353	861.	0.	43650.993	208.928	0.	0.	27.	316.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	17	0.778	0.913	2.935	0.	0.787	0.887	0.	0.	1.384	2.391
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.179								

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Annual Analysis for 1987 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	21	1.	5.667	27.	1.	73.433	8.569	1.	1.	8.5	24.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	19	3.	6.	39.	0.	101.	10.05	0.	0.	9.	24.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	19	0.477	0.471	1.591	0.	0.284	0.532	0.	0.	0.954	1.38
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.957								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	20	0.75	2.825	12.	0.	13.718	3.704	0.	0.	5.	9.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	20	-0.151	0.315	1.079	-0.301	0.177	0.421	0.	0.	0.699	0.954
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.064								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	19	6.	26.684	315.	0.	5075.895	71.245	0.	0.	15.	48.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	19	0.778	0.788	2.498	0.	0.506	0.712	0.	0.	1.176	1.681
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.134								

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Annual Analysis for 1988 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	25	1.	7.8	30.	1.	91.417	9.561	1.	1.	15.	25.4
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	21	3.	8.167	54.	0.	179.733	13.406	0.	0.25	9.	31.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	21	0.477	0.567	1.732	-0.301	0.298	0.546	0.	-0.151	0.954	1.491
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.692								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	20	0.	2.65	24.	0.	33.924	5.824	0.	0.	3.	11.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	20	0.	0.233	1.38	0.	0.172	0.415	0.	0.	0.477	1.049
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.712								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	18	0.25	6.861	48.	0.	155.053	12.452	0.	0.	9.75	26.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	18	-0.151	0.432	1.681	-0.301	0.363	0.602	0.	0.	0.985	1.41
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.706								

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Annual Analysis for 1989 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	23	1.	8.565	30.	1.	103.53	10.175	1.	1.	16.	26.8
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	19	0.5	1.947	6.	0.	5.025	2.242	0.	0.	3.	6.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	19	-0.301	0.242	0.778	-0.301	0.125	0.354	0.	0.	0.477	0.778
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.745								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	16	0.	1.	6.	0.	3.167	1.78	0.	0.	2.375	3.9

** - 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

Annual Analysis for 1989 - Station LAMR0034

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	01/21/69-06/01/98	16	0.	0.1	0.778	-0.301	0.087	0.295	0.	0.	0.283	0.567
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.26								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	17	3.	5.676	57.	0.	185.154	13.607	0.	0.	4.5	21.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	17	0.477	0.381	1.756	-0.301	0.264	0.514	0.	0.	0.628	1.215
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.404								

** - 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 box-and-whisker plot

Annual Analysis for 1990 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	20	5.	9.1	26.	1.	86.2	9.284	1.	1.	18.75	24.7
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	12	0.	2.833	18.	0.	31.424	5.606	0.	0.	3.	15.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	12	0.	0.267	1.255	0.	0.198	0.444	0.	0.	0.477	1.179
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.851								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	15	0.5	29.833	424.	0.	11896.202	109.07	0.	0.	3.	175.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	15	-0.301	0.366	2.627	-0.301	0.493	0.702	0.	0.	0.477	1.623
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.323								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	13	0.	3.923	27.	0.	66.577	8.159	0.	0.	4.5	22.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	13	0.	0.297	1.431	0.	0.26	0.51	0.	0.	0.628	1.329
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.982								

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Annual Analysis for 1991 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	16	1.	6.063	20.	1.	57.129	7.558	1.	1.	13.75	19.3
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	19	3.	9.816	84.	0.	367.311	19.165	0.	0.	12.	24.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	19	0.477	0.575	1.924	-0.301	0.384	0.62	0.	0.	1.079	1.38
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.762								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	18	0.	2.25	24.	0.	34.39	5.864	0.	0.	1.125	10.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	18	0.	0.133	1.38	-0.301	0.19	0.436	0.	0.	-0.106	0.997
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.357								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	19	3.	16.289	132.	0.	983.425	31.36	0.	0.	15.	51.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	19	0.477	0.7	2.121	-0.301	0.47	0.686	0.	0.	1.176	1.708
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.01								

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Annual Analysis for 1992 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	23	1.	7.043	25.	1.	71.498	8.456	1.	1.	15.	22.4
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	19	6.	10.553	42.	0.	171.692	13.103	0.	0.	12.	36.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	19	0.778	0.693	1.623	-0.301	0.371	0.609	0.	0.	1.079	1.556
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.929								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	17	0.5	3.059	18.	0.	23.278	4.825	0.	0.	6.	10.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	17	-0.301	0.288	1.255	-0.301	0.221	0.47	0.	0.	0.778	1.014
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.941								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	20	3.	6.8	30.	0.	79.721	8.929	0.	0.	12.	23.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	20	0.477	0.509	1.477	-0.301	0.338	0.581	0.	0.	1.079	1.368
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.23								

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Annual Analysis for 1993 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	13	10.	7.923	17.	1.	28.41	5.33	1.	3.	11.5	16.2
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	0.	11.182	54.	0.	345.764	18.595	0.	0.	24.	50.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	0.	0.539	1.732	0.	0.497	0.705	0.	0.	1.38	1.697
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.456								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	14	0.	1.5	14.	0.	14.115	3.757	0.	0.	1.5	8.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	14	0.	0.15	1.146	0.	0.112	0.334	0.	0.	0.119	0.812
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.413								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.818	3.	0.	1.964	1.401	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.13	0.477	0.	0.05	0.223	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.349								

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Annual Analysis for 1994 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	3	5.	7.	15.	1.	52.	7.211	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	12	3.	2.667	9.	0.	8.242	2.871	0.	0.	4.	8.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	12	0.477	0.364	0.954	0.	0.121	0.348	0.	0.	0.602	0.901
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.312								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	1.364	9.	0.	7.855	2.803	0.	0.	3.	7.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.173	0.954	0.	0.103	0.322	0.	0.	0.477	0.859
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.491								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	3.583	12.	0.	13.72	3.704	0.	0.5	5.25	11.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.444	1.079	0.	0.128	0.358	0.	0.075	0.703	1.042
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.777								

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Annual Analysis for 1995 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	3.	2.455	12.	0.	12.273	3.503	0.	0.	3.	10.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	0.477	0.315	1.079	0.	0.121	0.348	0.	0.	0.477	0.959
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.065								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.818	6.	0.	3.764	1.94	0.	0.	0.	5.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.114	0.778	0.	0.069	0.263	0.	0.	0.	0.718
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.301								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	2.182	6.	0.	5.564	2.359	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.315	0.778	0.	0.103	0.321	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.065								

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Annual Analysis for 1996 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	11	3.	3.	12.	0.	16.2	4.025	0.	0.	3.	11.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	11	0.477	0.358	1.079	0.	0.157	0.397	0.	0.	0.477	1.054
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.282								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	1.091	3.	0.	2.291	1.514	0.	0.	3.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.173	0.477	0.	0.058	0.241	0.	0.	0.477	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.491								

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Annual Analysis for 1996 - Station LAMR0034

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	07/02/71-02/09/98	11	0.	1.091	6.	0.	4.091	2.023	0.	0.	3.	5.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.157	0.778	0.	0.079	0.281	0.	0.	0.477	0.718
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.437								

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Annual Analysis for 1997 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	12	0.	1.75	9.	0.	7.295	2.701	0.	0.	3.	7.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	12	0.	0.239	0.954	0.	0.103	0.322	0.	0.	0.477	0.811
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.75	3.	0.	1.841	1.357	0.	0.	2.25	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.119	0.477	0.	0.047	0.216	0.	0.	0.358	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.316								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	1.	3.	0.	2.182	1.477	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.159	0.477	0.	0.055	0.235	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.442								

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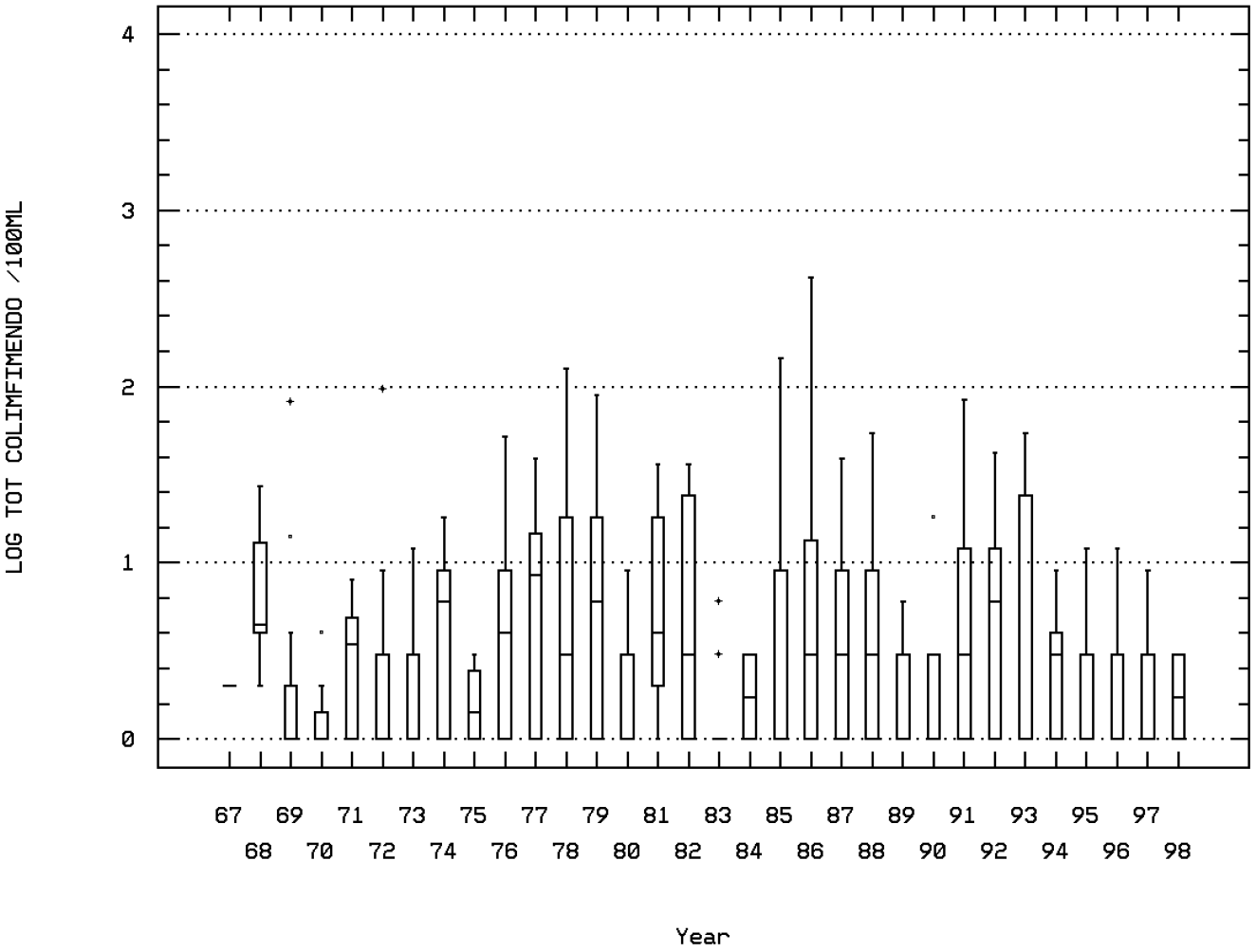
Annual Analysis for 1998 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	6	1.5	1.5	3.	0.	2.7	1.643	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	6	0.239	0.239	0.477	0.	0.068	0.261	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	3.	3.	3.	3.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.								

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Station: LAMR0034 Parameter Code: 31501

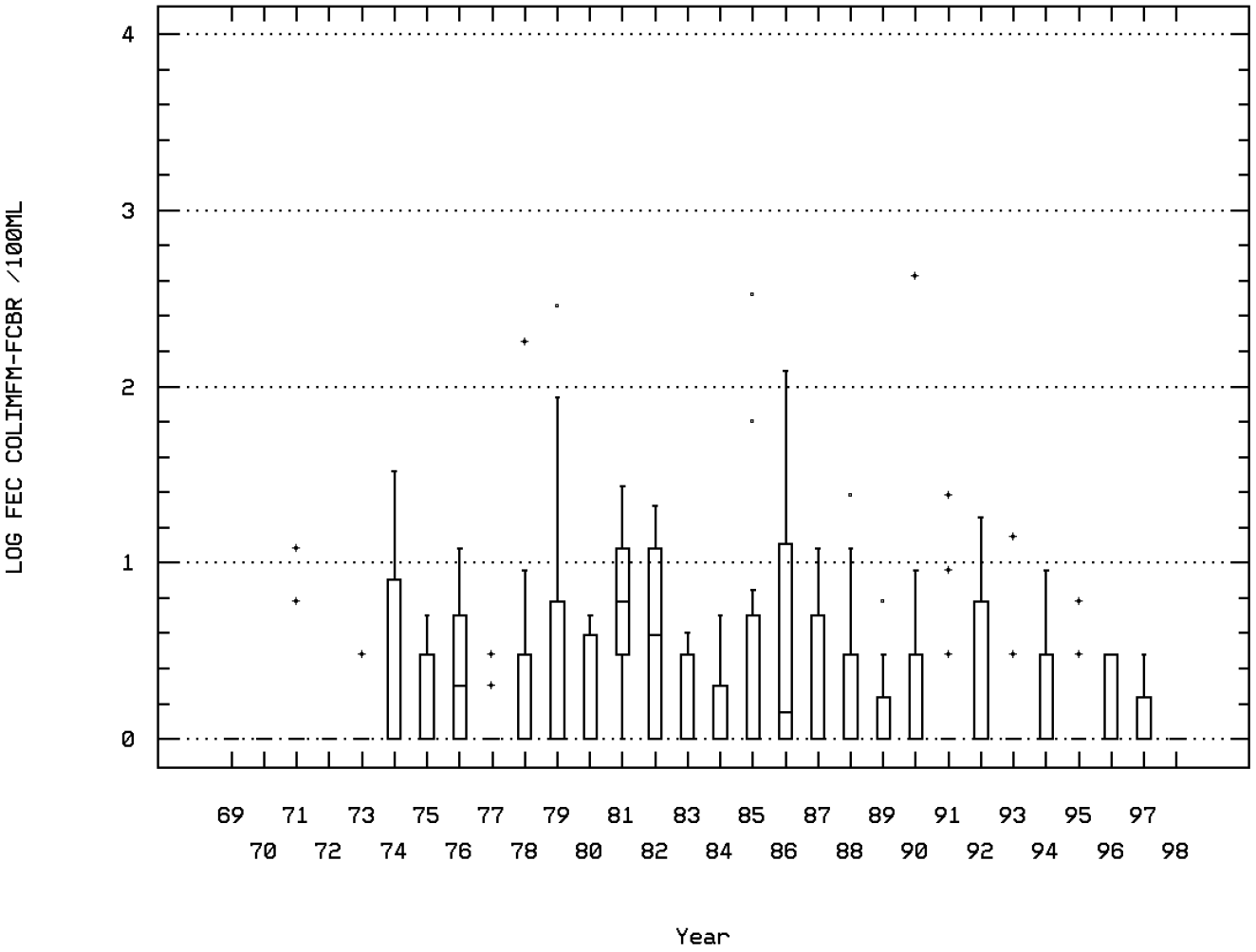
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-NORTH TURKEY CREEK

Station: LAMR0034 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-NORTH TURKEY CREEK

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	179	1.	7.944	47.	0.	92.637	9.625	1.	1.	15.	22.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-07/19/94	63	23.1	21.665	30.	13.5	16.668	4.083	15.1	17.8	25.	25.66
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-07/02/85	34	72.05	70.903	86.	56.	50.691	7.12	60.35	64.975	76.25	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-07/19/94	73	1890.	1884.986	2380.	1080.	90804.319	301.338	1468.2	1775.	2140.	2260.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/08/88	20	1885.5	1824.85	2400.	1164.	122259.713	349.657	1225.1	1527.75	2026.5	2357.6
00300	OXYGEN, DISSOLVED MG/L	11/08/67-07/19/94	77	7.7	7.878	10.6	4.2	1.678	1.295	6.5	6.9	8.9	10.
00400	PH (STANDARD UNITS)	01/21/69-07/19/94	69	8.4	8.32	9.5	5.8	0.403	0.635	7.4	8.3	8.6	8.9
00400	CONVERTED PH (STANDARD UNITS)	01/21/69-07/19/94	69	8.4	7.297	9.5	5.8	1.465	1.211	7.4	8.3	8.6	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/69-07/19/94	69	0.004	0.05	1.585	0.	0.048	0.219	0.001	0.003	0.005	0.04
00403	PH, LAB, STANDARD UNITS SU	06/18/74-05/10/88	21	8.4	8.405	8.7	8.1	0.036	0.191	8.1	8.25	8.6	8.68
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-05/10/88	21	8.4	8.365	8.7	8.1	0.038	0.195	8.1	8.25	8.6	8.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-05/10/88	21	0.004	0.004	0.008	0.002	0.	0.002	0.002	0.003	0.006	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-07/19/94	26	176.	171.962	206.	120.	398.038	19.951	138.6	162.75	181.75	194.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-07/19/94	27	10.	16.148	64.	2.	263.054	16.219	4.	5.	19.	43.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-07/19/94	27	2.	3.889	13.	0.5	10.776	3.283	0.9	1.	6.	8.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-07/19/94	27	0.05	0.055	0.29	0.005	0.003	0.058	0.01	0.02	0.06	0.13
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-07/19/94	29 ##	0.01	0.062	0.37	0.005	0.011	0.106	0.01	0.01	0.04	0.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-07/02/85	16	0.08	0.112	0.34	0.	0.01	0.102	0.011	0.03	0.18	0.298
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-07/02/85	13 ##	0.015	0.024	0.06	0.015	0.	0.017	0.015	0.015	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-07/19/94	27	0.02	0.033	0.11	0.005	0.001	0.028	0.009	0.01	0.04	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-07/19/94	27	0.01	0.013	0.04	0.005	0.	0.01	0.005	0.005	0.02	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-07/19/94	27	4.	4.011	10.	0.5	4.402	2.098	0.66	3.	5.	6.44
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/68-07/19/94	38	308.	317.211	500.	37.	7871.684	88.723	218.2	263.	375.	452.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/18/69-07/19/94	32	268.5	260.5	313.	148.	1665.677	40.813	178.1	248.	284.25	301.4
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	212	3.	9.906	414.	0.	1005.664	31.712	0.	0.	9.	24.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	212	0.477	0.542	2.617	-0.301	0.322	0.567	0.	0.	0.954	1.38
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.483								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	214	0.	7.449	424.	0.	1403.725	37.466	0.	0.	3.	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	214	0.	0.302	2.627	-0.301	0.255	0.505	0.	0.	0.477	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.006								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	172	3.	15.599	861.	0.	5127.759	71.608	0.	0.	9.	35.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	172	0.477	0.513	2.935	-0.301	0.396	0.629	0.	0.	0.954	1.543
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.259								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-07/19/94	27	2.5	4.468	22.	0.1	28.454	5.334	0.82	2.	5.1	11.08
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-07/19/94	22 ##	1.	2.08	7.4	0.1	5.278	2.297	0.1	0.1	3.67	6.503

** - 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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	112	1.	6.384	32.	1.	63.716	7.982	1.	1.	10.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-07/19/94	38	4.6	5.445	12.2	2.3	7.044	2.654	2.3	3.5	6.375	9.93
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-07/02/85	22	41.95	43.023	54.	37.4	29.983	5.476	37.52	38.3	46.25	54.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-07/19/94	40	1912.5	1791.575	2300.	145.	279009.533	528.214	1477.5	1612.5	2137.5	2225.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/08/88	11	2002.	1908.182	2512.	1376.	133950.164	365.992	1376.6	1560.	2144.	2452.4
00300	OXYGEN, DISSOLVED MG/L	11/08/67-07/19/94	50	11.4	11.174	13.6	6.	2.775	1.666	9.	9.95	12.5	13.08
00400	PH (STANDARD UNITS)	01/21/69-07/19/94	35	8.3	8.293	9.25	6.9	0.353	0.594	7.36	8.	8.8	8.95
00400	CONVERTED PH (STANDARD UNITS)	01/21/69-07/19/94	35	8.3	7.823	9.25	6.9	0.58	0.761	7.36	8.	8.8	8.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/69-07/19/94	35	0.005	0.015	0.126	0.001	0.001	0.03	0.001	0.002	0.01	0.055
00403	PH, LAB, STANDARD UNITS SU	06/18/74-05/10/88	11	8.4	8.3	8.7	7.5	0.13	0.361	7.58	8.1	8.6	8.68
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-05/10/88	11	8.4	8.133	8.7	7.5	0.161	0.401	7.58	8.1	8.6	8.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-05/10/88	11	0.004	0.007	0.032	0.002	0.	0.009	0.002	0.003	0.008	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-07/19/94	12	184.	175.583	202.	79.	1010.265	31.785	105.7	174.25	187.75	200.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-07/19/94	14	5.	5.786	15.	1.	18.335	4.282	1.5	2.	8.75	13.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-07/19/94	14	1.5	2.357	6.	0.5	4.17	2.042	0.5	0.5	5.	5.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-07/19/94	15 ##	0.05	0.042	0.11	0.005	0.001	0.036	0.008	0.01	0.05	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

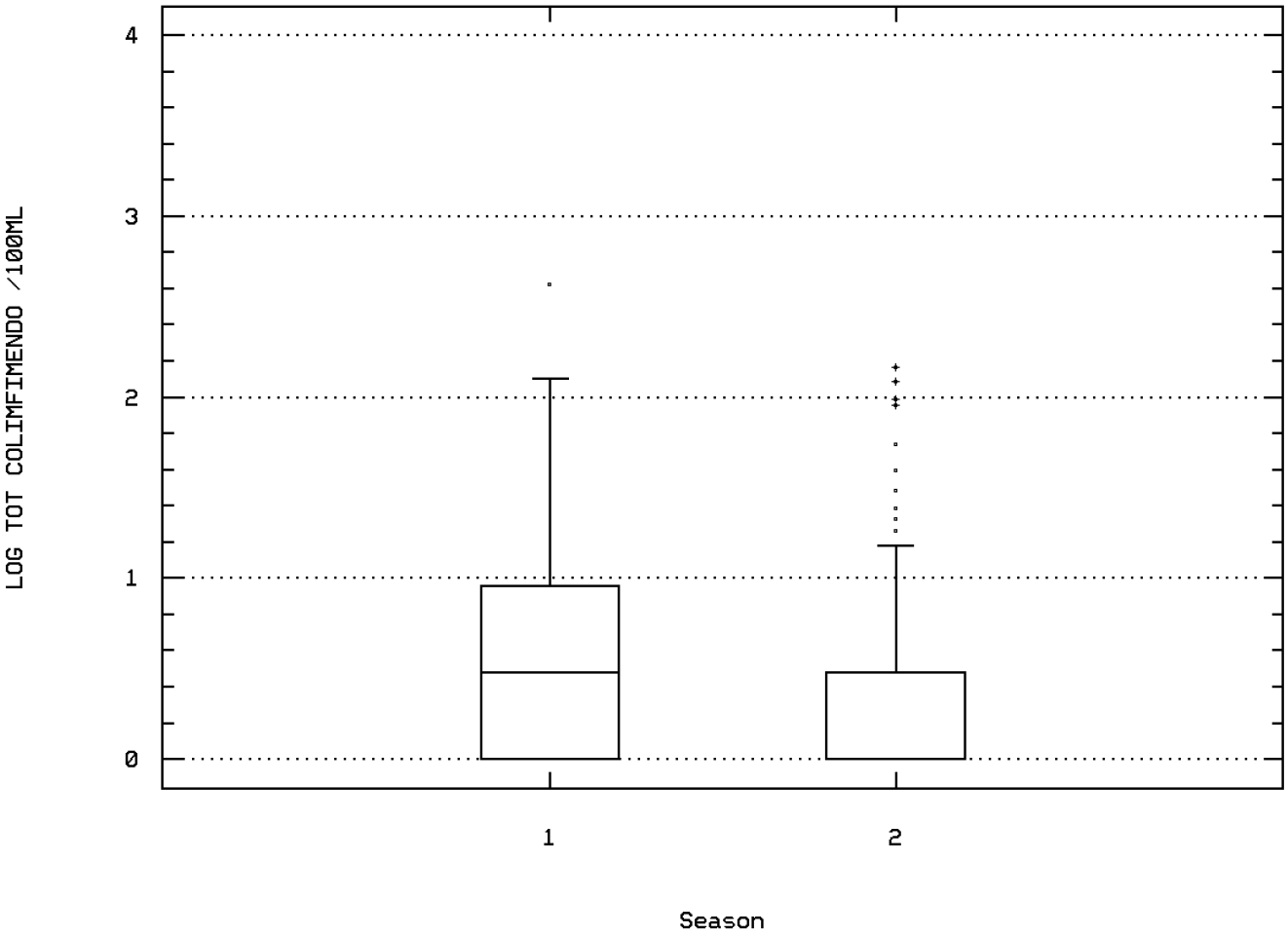
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-07/19/94	16 ##	0.01	0.032	0.2	0.01	0.003	0.054	0.01	0.01	0.019	0.151
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-07/02/85	9	0.07	0.095	0.19	0.015	0.003	0.059	0.015	0.06	0.155	0.19
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-07/02/85	7 ##	0.015	0.03	0.09	0.015	0.001	0.027	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-07/19/94	15	0.02	0.027	0.11	0.005	0.001	0.026	0.005	0.01	0.03	0.074
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-07/19/94	14 ##	0.01	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.013	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-07/19/94	15	5.	5.193	11.	0.5	11.309	3.363	0.86	3.	6.8	11.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/68-07/19/94	20	343.5	351.65	470.	250.	4745.924	68.891	251.8	299.5	398.5	447.9
00945	SULFATE, TOTAL (MG/L AS SO4)	02/18/69-07/19/94	17	277.	282.765	350.	205.	964.066	31.049	247.4	270.5	302.	326.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/67-06/01/98	164	0.	6.427	144.	0.	346.685	18.619	0.	0.	3.	13.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/67-06/01/98	164	0.	0.382	2.158	-0.301	0.264	0.513	0.	0.	0.477	1.128
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.409								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	157	0.	4.541	330.	0.	829.34	28.798	0.	0.	0.75	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	157	0.	0.164	2.519	-0.301	0.17	0.412	0.	0.	-0.151	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.459								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	138	0.	5.739	249.	0.	696.669	26.394	0.	0.	3.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	138	0.	0.283	2.396	-0.301	0.226	0.475	0.	0.	0.477	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.919								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-07/19/94	15	2.8	3.313	9.7	0.1	8.018	2.832	0.1	0.5	5.9	8.08
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-07/19/94	11 ##	0.1	1.168	5.5	0.	3.431	1.852	0.01	0.1	2.2	5.14

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

Station: LAMR0034 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-NORTH TURKEY CREEK

Station Inventory for Station: LAMR0035

NPS Station ID: LAMR0035 | LAT/LON: 35.683309/-101.611004 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: CENTER OF LAKE MEREDITH | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_12
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE CENTER OF THE LAKE BETWEEN MEREDITH HARBOR AND BIG BLUE CREEK CANYON IN THE LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036- 1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/98-06/01/98	4	1958.5	1945.75	2011.	1855.	4300.917	65.581	**	**	**	**
00400	PH (STANDARD UNITS)	03/02/98-06/01/98	4	8.31	8.32	8.36	8.3	0.001	0.028	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/02/98-06/01/98	4	8.31	8.319	8.36	8.3	0.001	0.028	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/02/98-06/01/98	4	0.005	0.005	0.005	0.004	0.	0.	**	**	**	**
00411	ALKALINITY,METHYLORANGE MG/L	03/02/98-06/01/98	4	200.	199.	220.	176.	324.	18.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/02/98-06/01/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	03/02/98-06/01/98	4	234.	232.25	241.	220.	83.583	9.142	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/02/98-06/01/98	4	360.	360.	370.	350.	83.333	9.129	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/02/98-06/01/98	4	300.	312.5	375.	275.	2291.667	47.871	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/17/69-12/09/70	8	0.	3.75	28.	0.	96.5	9.823	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/17/69-12/09/70	8	0.	0.219	1.447	0.	0.258	0.507	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.654								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-09/13/71	9	0.	0.222	2.	0.	0.444	0.667	0.	0.	0.	2.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-09/13/71	9	0.	0.033	0.301	0.	0.01	0.1	0.	0.	0.	0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.08								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/13/71-09/13/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/13/71-09/13/71	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	03/17/69-03/17/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	03/17/69-03/17/69	1	1.342	1.342	1.342	1.342	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	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 time series plot

EPA Water Quality Criteria Analysis for Station: LAMR0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	250.	4	4	1.00	3	3	1.00	1	1	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	4	1.00	3	3	1.00	1	1	1.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	8	0	0.00	5	0	0.00	3	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	0	0.00	6	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: LAMR0036

NPS Station ID: LAMR0036
LAT/LON: 35.682948/-101.612476
Agency: 11NPSWRD
Date Created: 04/25/98
Location: FRITCH FORTRESS-BLUE CREEK AREA
FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): LAMR_COOPER_2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2915
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE FRITCH FORTRESS-BLUE CREEK AREA OF THE LAKE MEREDITH NATIONAL RECREATION AREA. THE SAMPLING STATION IS ON LAKE MEREDITH AT THE MIDPOINT FROM THE SHORELINE ALONG BUREAU OF RECLAMATION SURVEY SEDIMENTATION RANGE LINE R-8. DATA WERE COLLECTED AT THIS SITE FROM 1967 THROUGH 1974 BY WILLIAM A. COOPER OF WEST TEXAS STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; TO ASSESS THE WATER QUALITY OF LAKE MEREDITH. DATA WERE SUMMARIZED IN ANNUAL REPORTS TITLED "WATER QUALITY AND LIMNOLOGY OF LAKE MEREDITH." FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460 FRITCH TEXAS 79036-1460; TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250 FORT COLLINS COLORADO 80525. TEL.970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	315	20.	21.702	68.	1.	447.013	21.143	1.	1.	43.	56.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	307	60.	58.911	81.	36.	195.919	13.997	39.	45.	72.	76.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	296	10.	10.213	50.	0.	84.717	9.204	0.	5.	15.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	299	20.	27.003	210.	0.	801.795	28.316	0.	10.	30.	50.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	271	1650.	1684.041	3950.	1100.	81375.743	285.264	1400.	1500.	1810.	2000.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	192	9.35	9.521	16.	0.	7.28	2.698	7.	8.05	12.	12.78
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	303	8.5	8.463	8.9	7.2	0.021	0.146	8.3	8.4	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	303	8.5	8.425	8.9	7.2	0.023	0.151	8.3	8.4	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	303	0.003	0.004	0.063	0.001	0.	0.004	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	206 ##	0.	0.097	10.	0.	0.966	0.983	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	298	186.	187.044	250.	130.	241.813	15.55	170.	174.	200.	208.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	295	8.	7.715	22.	0.	18.504	4.302	2.	4.	10.	12.8
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	298	207.	210.879	300.	151.	440.612	20.991	188.	198.	222.	237.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	293	10.	9.403	27.	0.	27.248	5.22	2.	5.	12.	15.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	296	0.3	0.355	2.8	0.	0.098	0.313	0.14	0.2	0.4	0.565
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	298	252.	255.544	344.	68.	622.498	24.95	226.	241.5	270.	284.2
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	299	64.	64.428	84.	48.	52.481	7.244	55.	58.	70.	74.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	298	24.	23.997	44.	9.	28.125	5.303	18.	20.	27.	31.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	296	251.	255.01	480.	176.	1644.2	40.549	213.	228.	274.	299.3

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

Parameter Inventory for Station: LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	298	242.	246.054	460.	169.	1302.112	36.085	212.	222.	260.	282.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	303	256.	267.551	480.	145.	2813.778	53.045	210.	225.	300.	343.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	293	1.	0.984	1.8	0.6	0.016	0.126	0.85	0.9	1.	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	241	40.	54.149	300.	0.	3656.878	60.472	0.	0.	80.	120.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/23/67-03/16/67	2 ##	30.	30.	50.	10.	800.	28.284	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	01/06/67-12/16/69	167	4.	3.935	15.	0.	4.895	2.212	1.	3.	5.	6.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/67-12/17/68	27	4.	38.148	799.	0.	23274.285	152.559	0.	0.	13.	36.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/67-12/17/68	27	0.602	0.707	2.903	0.	0.499	0.706	0.	0.	1.114	1.553
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.09								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/19/68-07/17/69	41	170.	3704.756	127600.	20.	395427911.189	19885.369	40.	62.5	400.	1568.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/19/68-07/17/69	41	2.23	2.347	5.106	1.301	0.546	0.739	1.602	1.796	2.602	3.193
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			222.217								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	296	1061.5	1080.929	1830.	853.	14847.436	121.85	947.7	1006.	1141.5	1215.5
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	125	0.4	0.391	1.	0.	0.044	0.209	0.1	0.2	0.5	0.7
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	277	0.1	0.213	4.	0.	0.103	0.321	0.	0.04	0.35	0.4
71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	01/31/67-04/27/67	9	0.003	0.004	0.01	0.002	0.	0.003	0.002	0.002	0.005	0.01

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

EPA Water Quality Criteria Analysis for Station: LAMR0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	296	1	0.00	176	1	0.01	120	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	186 &	0	0.00	111	0	0.00	75	0	0.00						
00400	PH	Fresh Chronic	9.	303	0	0.00	178	0	0.00	125	0	0.00						
		Other-Lo Lim.	6.5	303	0	0.00	178	0	0.00	125	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	298	0	0.00	177	0	0.00	121	0	0.00						
		Drinking Water	250.	298	124	0.42	177	74	0.42	121	50	0.41						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	303	187	0.62	179	109	0.61	124	78	0.63						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	293	0	0.00	172	0	0.00	121	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	27	0	0.00	14	0	0.00	13	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	277	0	0.00	165	0	0.00	112	0	0.00						
71855	NITRITE NITROGEN, TOTAL (AS NO2)	Drinking Water	3.3	9	0	0.00	3	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

Annual Analysis for 1967 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	62	20.	19.435	48.	1.	288.152	16.975	1.	1.	35.	47.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	56	60.25	60.17	80.	37.4	176.995	13.304	39.	46.875	71.5	76.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	45	12.	14.	40.	1.	74.545	8.634	5.	10.	20.	23.2
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	51	30.	32.725	100.	2.	446.083	21.121	10.	20.	40.	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	27	1400.	1400.	1620.	1100.	16582.692	128.774	1216.	1350.	1450.	1600.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	52	8.35	8.587	12.	5.	3.714	1.927	6.	7.2	10.	11.7
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	51	8.5	8.451	8.9	8.	0.026	0.16	8.2	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	51	8.5	8.422	8.9	8.	0.027	0.163	8.2	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	51	0.003	0.004	0.01	0.001	0.	0.002	0.003	0.003	0.004	0.006
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	46	194.	191.826	212.	130.	180.769	13.445	181.4	188.	200.	204.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	43	8.	8.581	22.	0.	28.868	5.373	0.	4.	12.	16.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	46	215.5	217.326	268.	151.	668.802	25.861	185.6	204.25	234.75	250.5
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	41	10.	10.659	27.	1.	39.23	6.263	1.2	5.5	14.5	20.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	48	0.38	0.393	0.75	0.2	0.02	0.143	0.2	0.29	0.5	0.602
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	46	242.	244.522	290.	210.	285.944	16.91	223.4	232.	252.5	270.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	48	67.	66.938	84.	53.	36.656	6.054	59.9	64.	70.	74.1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	48	20.	20.042	37.	11.	23.36	4.833	14.9	17.	21.	28.1
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	46	211.	210.87	238.	176.	274.783	16.577	184.8	200.75	223.	235.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	46	208.	206.37	230.	169.	156.905	12.526	188.5	200.	216.	220.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	52	217.5	215.192	260.	170.	286.237	16.919	193.	210.	225.	230.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	46	0.95	0.94	1.07	0.6	0.008	0.088	0.835	0.915	1.	1.043
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	41	30.	44.146	200.	0.	1869.878	43.242	0.	20.	50.	108.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	46	956.5	953.239	1058.	853.	2649.475	51.473	872.5	919.5	986.75	1026.3
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	41	0.07	0.085	0.3	0.01	0.004	0.065	0.04	0.04	0.09	0.2

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

Annual Analysis for 1968 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	61	20.	21.328	50.	1.	370.357	19.245	1.	1.	45.	47.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	58	58.5	57.483	78.	36.	203.193	14.255	38.	43.	72.	76.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	58	10.	12.845	50.	0.	154.905	12.446	0.	3.75	15.75	35.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	58	30.	34.603	130.	0.	959.086	30.969	9.	10.75	46.25	86.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	54	1600.	1641.759	1995.	1400.	15127.507	122.994	1500.	1545.	1750.	1800.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	42	10.5	10.543	16.	7.	5.94	2.437	7.65	8.475	12.	14.4
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	58	8.5	8.528	8.7	8.3	0.01	0.102	8.4	8.5	8.6	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	58	8.5	8.516	8.7	8.3	0.011	0.103	8.4	8.5	8.6	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	58	0.003	0.003	0.005	0.002	0.	0.001	0.002	0.003	0.003	0.004
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	58 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	58	204.	204.931	228.	188.	59.399	7.707	196.	200.	210.	214.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	58	11.	10.931	20.	3.	15.714	3.964	5.8	8.	12.	18.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	58	223.	223.052	251.	198.	182.576	13.512	203.	212.	232.	242.2
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	58	13.	13.345	24.	4.	23.177	4.814	6.8	10.	15.	22.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	57	0.3	0.33	1.2	0.1	0.029	0.172	0.184	0.225	0.4	0.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	58	269.	267.862	316.	240.	202.788	14.24	250.	259.5	274.	282.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	57	70.	70.544	80.	60.	18.967	4.355	65.6	68.	74.	76.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	57	22.	22.912	39.	15.	19.617	4.429	17.8	20.	25.	26.6
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	56	239.	237.161	278.	209.	213.156	14.6	216.4	224.5	248.	254.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	58	235.5	234.207	256.	212.	133.079	11.536	219.9	224.75	240.5	250.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	57	242.	239.07	280.	196.	267.745	16.363	210.	231.	250.	255.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	56	0.99	0.996	1.4	0.8	0.012	0.11	0.9	0.905	1.	1.13
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	52	30.	57.308	300.	0.	5773.002	75.98	0.	0.	100.	177.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	56	1047.	1045.179	1161.	974.	1578.586	39.731	991.5	1013.25	1076.	1099.9
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	50	0.085	0.113	0.9	0.	0.027	0.164	0.	0.015	0.1	0.29

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

Annual Analysis for 1969 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	74	20.	23.959	60.	1.	423.93	20.59	1.	1.	43.	51.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	63	58.	57.867	81.	37.	224.937	14.998	38.	43.7	72.	78.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	63	10.	11.048	47.	0.	64.82	8.051	1.8	5.	15.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	63	30.	28.571	95.	0.	331.765	18.214	10.	15.	35.	50.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	63	1800.	1774.444	1950.	1100.	28417.025	168.574	1650.	1750.	1850.	1900.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	23	10.	10.017	13.	7.5	3.349	1.83	7.58	8.3	12.	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	63	8.5	8.517	8.7	8.2	0.011	0.104	8.4	8.5	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	63	8.5	8.505	8.7	8.2	0.011	0.105	8.4	8.5	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	63	0.003	0.003	0.006	0.002	0.	0.001	0.003	0.003	0.003	0.004
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	57 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	63	182.	186.524	216.	168.	192.382	13.87	170.	174.	202.	204.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	63	8.	7.492	14.	0.	8.899	2.983	2.8	6.	10.	10.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	63	207.	213.651	300.	178.	643.618	25.37	188.	195.	227.	238.2
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	63	10.	9.095	17.	0.	13.7	3.701	3.2	7.	12.	12.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	63	0.22	0.242	0.51	0.1	0.008	0.09	0.104	0.2	0.3	0.35
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	63	260.	258.127	318.	68.	1249.403	35.347	226.4	244.	280.	294.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	63	63.	64.651	80.	56.	30.844	5.554	58.	59.	69.	72.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	62	24.5	25.097	37.	9.	33.663	5.802	17.3	21.75	28.25	33.7
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	63	264.	262.841	297.	213.	401.942	20.048	232.8	252.	277.	289.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	63	248.	245.968	306.	215.	458.386	21.41	216.8	225.	258.	275.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	63	290.	292.286	380.	240.	651.111	25.517	260.	280.	300.	323.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	63	1.	0.995	1.3	0.68	0.014	0.116	0.85	0.9	1.1	1.16
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	62	50.	55.323	300.	0.	3218.747	56.734	0.	20.	72.5	117.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	63	1119.	1112.222	1225.	971.	5285.885	72.704	1002.	1046.	1175.	1198.2
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	60	0.15	0.276	4.	0.	0.282	0.531	0.	0.01	0.4	0.5

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

Annual Analysis for 1970 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	35	1.	18.6	61.	1.	552.424	23.504	1.	1.	30.	60.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	34	59.5	58.55	80.	38.5	233.681	15.287	39.05	42.	73.25	78.75
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	34	10.	10.647	22.	0.	42.053	6.485	0.	5.	15.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	34	20.	19.265	50.	0.	138.079	11.751	2.5	10.	30.	32.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	34	2000.	1975.	2200.	1750.	15606.061	124.924	1787.5	1887.5	2000.	2200.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	23	10.	8.122	14.	0.	26.45	5.143	0.	0.	12.	13.6
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	34	8.4	8.397	8.7	8.2	0.018	0.134	8.3	8.3	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	34	8.4	8.379	8.7	8.2	0.018	0.135	8.3	8.3	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	34	0.004	0.004	0.006	0.002	0.	0.001	0.003	0.004	0.005	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	34 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	34	180.	180.147	212.	162.	89.099	9.439	165.	176.	186.	190.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	34	6.	6.	10.	0.	6.667	2.582	2.5	4.	8.	9.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	34	205.	205.118	254.	188.	134.471	11.596	192.5	195.	210.	212.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	34	7.	7.353	12.	0.	10.175	3.19	3.	5.	10.	11.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	31	0.3	0.34	1.5	0.1	0.094	0.306	0.11	0.2	0.35	0.54
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	34	253.	257.235	314.	220.	655.034	25.594	225.	240.5	269.	299.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	34	64.	63.147	70.	55.	15.402	3.925	56.5	60.	66.	68.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	34	23.5	24.559	39.	17.	35.466	5.955	17.5	20.	29.	35.5
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	34	256.5	256.206	290.	216.	411.32	20.281	224.5	244.	276.25	280.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	34	233.	234.324	258.	216.	150.71	12.276	219.	222.	243.	253.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	34	290.	294.412	375.	240.	920.856	30.346	255.	280.	300.	342.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	34	0.975	0.922	1.1	0.68	0.012	0.109	0.75	0.838	1.	1.025
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	34	50.	64.118	280.	0.	3352.228	57.898	0.	30.	90.	110.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	34	1093.5	1085.618	1211.	940.	3738.849	61.146	981.	1054.5	1120.75	1172.
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	31	0.4	0.4	1.	0.2	0.029	0.171	0.2	0.3	0.5	0.58
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	34	0.04	0.1	0.8	0.	0.028	0.168	0.	0.	0.1	0.4

** - 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

Annual Analysis for 1971 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	11	68.	63.455	79.	44.	192.273	13.866	44.	50.	76.	78.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	11	10.	12.909	25.	0.	44.891	6.7	2.	10.	18.	24.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	11	20.	20.818	40.	5.	131.364	11.461	5.8	10.	30.	39.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	11	2200.	2395.455	3950.	1550.	423227.273	650.559	1570.	2200.	2750.	3720.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	11	10.	9.873	12.5	7.5	2.812	1.677	7.5	8.4	10.7	12.5
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	11	8.4	8.409	8.6	8.3	0.011	0.104	8.3	8.3	8.5	8.58
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	11	8.4	8.398	8.6	8.3	0.011	0.105	8.3	8.3	8.5	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	11	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.003	0.005	0.005
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	11	181.	190.636	250.	160.	710.055	26.647	162.	174.	206.	245.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	11	6.	5.091	10.	0.	9.291	3.048	0.4	2.	8.	9.6
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	11	214.	220.364	300.	177.	1130.255	33.619	179.2	198.	239.	290.2
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	11	7.	6.091	12.	0.	14.291	3.78	0.4	2.	10.	11.6
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	11	0.3	0.3	0.5	0.05	0.016	0.125	0.08	0.2	0.42	0.484
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	11	260.	266.364	344.	240.	963.855	31.046	240.4	246.	276.	335.2
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	11	58.	60.364	70.	52.	32.055	5.662	52.8	57.	67.	69.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	11	26.	29.091	44.	22.	47.291	6.877	22.2	25.	33.	43.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	11	299.	340.455	480.	243.	7988.473	89.378	245.2	255.	431.	477.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	11	282.	341.455	460.	260.	7552.873	86.907	260.8	274.	450.	459.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	11	320.	325.273	480.	220.	7066.818	84.064	222.	250.	388.	472.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	11	1.	1.012	1.5	0.6	0.045	0.212	0.66	0.9	1.08	1.42
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	11	80.	93.636	200.	10.	3685.455	60.708	18.	50.	120.	200.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	11	1208.	1321.636	1830.	1016.	83175.255	288.401	1022.8	1059.	1583.	1807.4
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	11	0.4	0.355	0.6	0.	0.041	0.202	0.02	0.2	0.5	0.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	11	0.2	0.171	0.4	0.	0.016	0.128	0.	0.09	0.3	0.38

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

Annual Analysis for 1972 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	29	20.	23.586	67.	1.	644.537	25.388	1.	1.	57.	63.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	28	66.5	61.107	76.	39.	191.758	13.848	40.72	46.	74.	76.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	28	5.	5.643	28.	0.	51.571	7.181	0.	0.	10.	15.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	28	20.	33.393	210.	0.	3094.544	55.629	0.	0.	30.	175.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	25	1500.	1511.	1700.	1350.	15577.083	124.808	1350.	1400.	1650.	1700.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	13	9.	9.692	12.	8.	2.064	1.437	8.	8.5	11.	12.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	29	8.4	8.448	8.6	8.3	0.008	0.091	8.3	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	29	8.4	8.439	8.6	8.3	0.008	0.092	8.3	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	29	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	29 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	29	170.	170.759	180.	154.	32.404	5.692	164.	168.	174.	178.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	29	6.	4.966	10.	0.	8.463	2.909	0.	2.	8.	8.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	29	195.	196.172	207.	183.	44.505	6.671	185.	193.	201.	205.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	29	7.	5.966	12.	0.	13.177	3.63	0.	2.	10.	10.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	29	0.3	0.409	1.2	0.1	0.09	0.3	0.15	0.2	0.46	1.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	29	230.	234.345	260.	218.	166.877	12.918	220.	222.	246.	252.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	29	56.	55.828	62.	49.	11.505	3.392	51.	53.	58.	60.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	29	24.	24.138	30.	19.	6.623	2.574	20.	22.5	25.	28.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	29	243.	245.069	310.	209.	532.995	23.087	213.	227.5	259.	274.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	29	262.	258.793	275.	238.	143.241	11.968	240.	247.	270.	274.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	29	210.	226.897	375.	145.	2347.167	48.448	180.	190.	250.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	29	0.95	0.957	1.1	0.85	0.003	0.055	0.9	0.9	1.	1.
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	10	75.	70.	150.	0.	3444.444	58.689	0.	0.	112.5	150.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	29	1010.	1013.724	1229.	889.	6536.921	80.851	915.	945.5	1070.5	1134.
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	29	0.3	0.367	1.	0.06	0.058	0.24	0.1	0.2	0.6	0.7
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	26	0.3	0.374	1.1	0.04	0.076	0.275	0.097	0.2	0.4	0.82

** - 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 box-and-whisker plot

Annual Analysis for 1973 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	26	10.5	22.462	68.	1.	672.418	25.931	1.	1.	37.	65.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	26	65.	60.731	77.5	39.	146.585	12.107	42.1	47.	70.	75.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	26 ##	0.	4.423	15.	0.	26.654	5.163	0.	0.	10.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	23	10.	15.565	170.	0.	1236.257	35.16	0.	0.	20.	32.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	26	1500.	1481.923	1550.	1400.	2676.154	51.732	1400.	1437.5	1506.25	1550.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	13	9.	10.308	13.	8.	4.231	2.057	8.	8.5	12.5	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	26	8.5	8.462	8.6	8.3	0.008	0.09	8.3	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	26	8.5	8.453	8.6	8.3	0.008	0.09	8.3	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	26	0.003	0.004	0.005	0.003	0.	0.001	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	26 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	26	176.	177.385	190.	170.	37.046	6.087	170.	172.	181.	188.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	26	9.	7.692	16.	0.	25.502	5.05	0.	3.5	12.	14.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	26	198.	197.692	224.	178.	159.662	12.636	180.1	188.	205.5	220.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	26	11.	9.346	20.	0.	38.715	6.222	0.	4.25	15.	17.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	26	0.2	0.344	1.2	0.	0.112	0.334	0.	0.1	0.525	0.89
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	26	256.	261.	300.	230.	394.	19.849	238.	245.5	280.	290.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	26	61.	64.385	84.	48.	133.686	11.562	52.1	53.75	76.	80.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	26	25.5	25.115	32.	18.	15.946	3.993	19.7	21.75	28.	31.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	26	261.5	268.462	329.	216.	1121.378	33.487	224.4	241.5	295.	326.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	26	254.	254.808	284.	236.	181.762	13.482	239.4	240.	260.	277.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	26	300.	298.923	400.	212.	3548.554	59.57	215.	250.	350.	400.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	26	1.	1.069	1.8	0.9	0.042	0.205	0.9	0.9	1.125	1.29
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	26	1113.	1119.808	1296.	959.	10320.642	101.591	985.7	1039.75	1198.25	1284.3
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	26	0.45	0.412	0.9	0.	0.075	0.273	0.	0.2	0.625	0.8
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	24	0.3	0.272	0.8	0.	0.054	0.232	0.	0.05	0.4	0.6

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

Annual Analysis for 1974 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	28	20.	22.786	58.	1.	547.582	23.4	1.	1.	55.	57.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	28	59.5	58.214	77.	38.5	169.397	13.015	40.	46.625	71.5	75.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	28 ##	2.5	4.643	20.	0.	29.497	5.431	0.	0.	10.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	28	10.	13.75	80.	0.	273.38	16.534	0.	0.	20.	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	28	1525.	1543.75	1650.	1400.	4241.898	65.13	1450.	1500.	1600.	1625.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	12	9.5	9.75	12.	8.	2.205	1.485	8.	8.25	11.	12.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	28	8.4	8.411	8.7	8.2	0.011	0.103	8.3	8.325	8.5	8.51
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	28	8.4	8.399	8.7	8.2	0.011	0.104	8.3	8.325	8.5	8.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	28	0.004	0.004	0.006	0.002	0.	0.001	0.003	0.003	0.005	0.005
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	28	178.	177.5	190.	166.	69.519	8.338	166.	170.5	184.	190.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	28	6.5	6.786	14.	0.	16.397	4.049	1.9	4.	10.	12.2
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	28	200.5	200.071	215.	185.	77.032	8.777	185.	195.	207.	212.3
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	28	8.	8.179	17.	0.	23.856	4.884	1.9	5.	12.	14.3
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	28	0.25	0.588	2.8	0.1	0.555	0.745	0.136	0.2	0.358	1.86
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	28	250.	253.143	300.	230.	260.571	16.142	235.4	246.	255.5	282.8
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	28	58.	59.607	82.	52.	34.988	5.915	54.9	56.	62.	65.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	28	27.	26.679	35.	20.	16.671	4.083	20.	23.25	29.	31.4
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	28	301.	301.071	353.	246.	984.81	31.382	248.9	274.	327.5	340.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	28	283.	286.071	340.	264.	370.587	19.251	269.5	271.	289.5	322.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	28	325.	315.893	425.	225.	2716.766	52.123	247.5	262.5	350.	375.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	25	1.	1.019	1.2	0.82	0.01	0.102	0.85	0.975	1.1	1.14
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	28 ##	0.	30.357	270.	0.	3181.349	56.403	0.	0.	50.	100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	28	1205.5	1205.214	1389.	1056.	8105.878	90.033	1067.3	1143.75	1278.	1300.7
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	28	0.4	0.4	0.7	0.1	0.023	0.152	0.2	0.3	0.5	0.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	28	0.4	0.341	0.6	0.	0.017	0.131	0.036	0.3	0.4	0.4

** - 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

Annual Analysis for 1975 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	3	39.	42.667	51.	38.	52.333	7.234	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	3	5.	15.	35.	5.	300.	17.321	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	3	11.	12.	15.	10.	7.	2.646	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	3	1600.	1700.	1925.	1575.	38125.	195.256	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	3	12.9	11.967	13.	10.	2.903	1.704	**	**	**	**
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	3	8.1	7.833	8.2	7.2	0.303	0.551	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	3	8.1	7.589	8.2	7.2	0.393	0.627	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	3	0.008	0.026	0.063	0.006	0.001	0.032	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	3	176.	174.	178.	168.	28.	5.292	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	3	3.	2.333	4.	0.	4.333	2.082	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	3	207.	206.333	215.	197.	81.333	9.018	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	3	4.	3.	5.	0.	7.	2.646	**	**	**	**
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	3	0.35	0.327	0.4	0.23	0.008	0.087	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	3	254.	253.333	254.	252.	1.333	1.155	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	3	61.	61.333	63.	60.	2.333	1.528	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	3	24.	24.	25.	23.	1.	1.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	3	320.	323.333	338.	312.	177.333	13.317	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	3	296.	296.	306.	286.	100.	10.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	3	340.	350.667	392.	320.	1381.333	37.166	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	3	1.05	1.05	1.2	0.9	0.022	0.15	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	3	20.	23.333	50.	0.	633.333	25.166	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	3	1257.	1266.	1316.	1225.	2131.	46.163	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	3	0.2	0.733	1.8	0.2	0.853	0.924	**	**	**	**

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	189	20.	22.492	68.	1.	460.507	21.459	1.	1.	43.5	58.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	182	70.	69.05	81.	50.	56.267	7.501	58.	63.75	75.	78.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	176	10.	10.045	50.	0.	115.506	10.747	0.	0.	14.75	22.9
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	179	20.	26.832	170.	0.	751.567	27.415	0.	10.	30.	55.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	159	1600.	1690.283	3950.	1100.	108718.749	329.725	1400.	1500.	1850.	2000.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	114	8.4	8.291	13.	0.	3.581	1.892	6.3	7.8	9.	10.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	178	8.5	8.453	8.9	8.1	0.015	0.123	8.3	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	178	8.5	8.436	8.9	8.1	0.015	0.124	8.3	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	178	0.003	0.004	0.008	0.001	0.	0.001	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	117 ##	0.	0.171	10.	0.	1.695	1.302	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	177	184.	185.424	250.	130.	223.78	14.959	169.6	174.	196.	206.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	175	8.	7.76	22.	0.	20.758	4.556	2.	4.	10.	14.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	177	207.	208.356	300.	159.	364.64	19.096	188.	196.5	217.	229.2
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	173	10.	9.445	27.	0.	30.772	5.547	2.	5.	12.	17.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	175	0.3	0.411	2.8	0.	0.149	0.386	0.15	0.2	0.42	0.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	177	250.	250.633	344.	68.	652.37	25.542	222.	238.	265.	280.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	179	64.	63.922	84.	48.	52.69	7.259	55.	58.	70.	74.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	179	23.	23.134	44.	9.	26.701	5.167	17.	20.	26.	30.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	177	253.	258.492	480.	177.	2092.547	45.744	207.8	229.	277.	313.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	177	244.	248.288	460.	169.	1813.218	42.582	205.4	225.	260.	286.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	179	260.	268.866	480.	145.	3269.6	57.18	200.	225.	300.	350.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	172	0.97	0.965	1.8	0.6	0.018	0.134	0.823	0.9	1.	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	137	40.	55.182	300.	0.	4303.091	65.598	0.	0.	80.	130.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	177	1069.	1085.503	1830.	853.	19375.376	139.195	934.	1002.	1133.	1233.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	165	0.09	0.213	4.	0.	0.134	0.367	0.	0.04	0.3	0.4

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	126	20.	20.516	63.	1.	427.932	20.687	1.	1.	43.	55.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	125	43.7	44.15	58.	36.	30.806	5.55	38.	39.	48.	51.62
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/31/67-04/22/75	120	10.	10.458	28.	0.	40.049	6.328	0.	5.	15.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	120	20.	27.258	210.	0.	883.555	29.725	0.5	10.	30.	49.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	112	1712.5	1675.179	2200.	1300.	43053.121	207.492	1400.	1500.	1807.5	1925.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	78	12.	11.318	16.	0.	7.294	2.701	9.49	11.	12.5	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	125	8.5	8.477	8.7	7.2	0.03	0.174	8.3	8.4	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	125	8.5	8.409	8.7	7.2	0.035	0.186	8.3	8.4	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	125	0.003	0.004	0.063	0.002	0.	0.005	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	89 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	121	188.	189.413	228.	156.	260.744	16.148	170.2	176.	204.	210.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	120	8.	7.65	20.	0.	15.355	3.919	2.1	4.	10.	12.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	121	210.	214.57	300.	151.	532.58	23.078	190.	198.	229.	242.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	120	10.	9.342	24.	0.	22.378	4.731	2.2	5.	12.	15.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	121	0.27	0.273	0.7	0.1	0.014	0.118	0.102	0.2	0.3	0.42
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	121	262.	262.727	318.	220.	496.267	22.277	238.	246.	276.	292.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	120	65.	65.183	84.	52.	51.647	7.187	56.	59.25	70.	74.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	119	24.	25.294	39.	15.	27.684	5.262	20.	22.	28.	35.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	119	247.	249.832	353.	176.	944.192	30.728	216.	225.	267.	286.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	121	240.	242.785	296.	200.	545.203	23.35	216.	222.	264.	276.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	124	250.	265.653	425.	180.	2170.863	46.593	210.	225.	300.	317.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	121	1.	1.012	1.5	0.85	0.012	0.109	0.9	0.925	1.1	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	104	50.	52.788	240.	0.	2835.838	53.253	0.	0.	87.5	120.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	119	1055.	1074.126	1343.	901.	8141.67	90.231	975.	1007.	1149.	1193.
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	112	0.2	0.213	1.8	0.	0.057	0.24	0.	0.04	0.4	0.4

** - 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

Station Inventory for Station: LAMR0037

NPS Station ID: LAMR0037
LAT/LON: 35.677504/-101.612504
Agency: 11EPALES
Date Created: / /
Location: LAKE MEREDITH
FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 482302
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 76
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11090105008
RF1 Mile Point: 0.440
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
APPR 1/4 WAY UPLAKE FR DAM; 340 DEGREES FR ONE HYDROSPHERE; 260 DEGREES FR THE OTHER; 110 DEGREES FR LARGE ISLAND.
COMMENTS: 3-5 ULE 7, NO AQUATIC PLANTS NOTED. 5-14 ULE 12, NO AQUATIC PLANTS; FISHING ACTIVITY; INTEGRATE FR 15 FT; DEPTH 76 FT.
8-7 ULE 10, NO VISIBLE AQUATICS; SHORELINE LIKE SITE 1; INTEGRATE 20 FT; DEPTH 72 FT.
10-28 ULE 14, NO VISIBLE AQUATICS; BOAT LAUNCH S SHORE; DEPTH 76 FT. MAP: SANFORD QUAD

Parameter Inventory for Station: LAMR0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/74-10/28/74	23	20.	31.913	72.	0.	774.265	27.826	0.	5.	60.	72.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/28/74	22	16.8	16.318	24.4	5.6	42.495	6.519	5.73	13.85	22.4	24.14
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	10/28/74-10/28/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/28/74	22	82.4	86.191	95.2	77.	50.554	7.11	77.3	80.55	93.8	95.07
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/28/74	4	82.	78.5	108.	42.	745.	27.295	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/28/74	22	1556.	1528.636	1878.	1130.	66035.004	256.973	1130.	1389.	1778.25	1867.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/28/74	22	1832.	1807.318	1889.	1732.	3363.465	57.995	1738.4	1745.75	1861.	1884.5
00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/28/74	20	7.9	7.24	10.4	0.6	6.807	2.609	2.04	6.1	8.2	10.38
00400	PH (STANDARD UNITS)	03/05/74-10/28/74	22	8.435	8.246	8.6	7.3	0.172	0.414	7.42	8.05	8.592	8.6
00400	CONVERTED PH (STANDARD UNITS)	03/05/74-10/28/74	22	8.434	8.002	8.6	7.3	0.234	0.484	7.42	8.05	8.592	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/74-10/28/74	22	0.004	0.01	0.05	0.003	0.	0.014	0.003	0.003	0.009	0.041
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/28/74	22	187.5	186.409	199.	171.	93.682	9.679	173.	175.5	196.5	198.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/28/74	22	0.035	0.043	0.1	0.01	0.001	0.025	0.02	0.028	0.055	0.094
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/28/74	22	0.45	0.418	0.6	0.2	0.014	0.118	0.23	0.3	0.5	0.57
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/28/74	22	0.03	0.043	0.14	0.01	0.001	0.036	0.01	0.01	0.07	0.108
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/28/74	22	0.021	0.025	0.064	0.011	0.	0.014	0.012	0.016	0.027	0.056
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/28/74	22	0.009	0.011	0.035	0.001	0.	0.008	0.004	0.007	0.01	0.027
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/28/74	4	1.1	1.55	3.8	0.2	2.437	1.561	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/28/74	4	76.	75.	76.	72.	4.	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: LAMR0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	2	0.10	16	2	0.13	4	0	0.00						
00400	PH	Fresh Chronic	9.	22	0	0.00	17	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	22	0	0.00	17	0	0.00	5	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	17	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: LAMR0038

NPS Station ID: LAMR0038
LAT/LON: 35.654559/-101.622559
Agency: 11NPSWRD
Date Created: 06/20/98
Location: LAKE MEREDITH-FRITCH CANYON
FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): LAMR_CRMWA_07 /10049
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2915
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SANFORD TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE FRITCH CANYON AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10049) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	119	10.	19.244	67.	0.	408.525	20.212	1.	1.	35.	55.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-02/18/76	20	15.15	14.335	24.4	3.5	69.69	8.348	3.7	6.7	23.25	24.38
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	96	73.3	68.249	80.6	38.	154.755	12.44	44.	65.925	76.95	78.8
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/14/73-07/10/75	51	78.	81.647	90.	75.	33.953	5.827	75.	78.	90.	90.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	9	86.7	86.767	89.9	83.	7.09	2.663	83.	83.85	89.2	89.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/06/74	10	30.	26.6	51.	1.	188.711	13.737	2.1	18.	33.	49.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/13/65-02/18/76	25	1694.	1683.04	1900.	1194.	28411.457	168.557	1509.	1600.	1825.	1900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-02/18/76	8	2035.	2039.625	2160.	1958.	5422.839	73.64	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	121	7.9	8.065	13.4	0.	8.398	2.898	4.34	6.8	10.15	11.96
00310	BOD, 5 DAY, 20 DEG C MG/L	11/09/66-03/17/69	30	1.25	4.11	48.	0.	81.271	9.015	0.	0.5	3.25	8.96
00400	PH (STANDARD UNITS)	12/13/65-02/18/76	34	8.5	8.479	8.95	7.3	0.096	0.31	8.15	8.4	8.625	8.875
00400	CONVERTED PH (STANDARD UNITS)	12/13/65-02/18/76	34	8.5	8.312	8.95	7.3	0.125	0.354	8.15	8.4	8.625	8.875
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/65-02/18/76	34	0.003	0.005	0.05	0.001	0.	0.008	0.001	0.002	0.004	0.007
00403	PH, LAB, STANDARD UNITS SU	06/18/74-02/18/76	8	8.45	8.475	8.7	8.3	0.016	0.128	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-02/18/76	8	8.447	8.459	8.7	8.3	0.017	0.129	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-02/18/76	8	0.004	0.003	0.005	0.002	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/13/65-10/11/71	9	180.	174.444	191.	143.	199.278	14.117	143.	168.5	180.5	191.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/13/65-10/11/71	8 ##	2.	2.75	8.	0.	10.214	3.196	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/13/65-06/02/70	7	211.	203.143	220.	155.	515.143	22.697	**	**	**	**

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

Parameter Inventory for Station: LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445	CARBONATE ION (MG/L AS CO3)	12/13/65-06/02/70	7	5.	4.286	10.	0.	18.238	4.271	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/13/65-02/18/76	14	13.	384.357	1030.	5.	210227.324	458.506	5.	5.	920.	1005.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-02/18/76	8 ##	5.	3.75	5.	1.	3.357	1.832	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-02/18/76	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-02/18/76	8 ##	0.01	0.015	0.04	0.01	0.	0.01	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-02/18/76	16	0.055	0.095	0.21	0.	0.007	0.085	0.	0.03	0.195	0.21
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-02/18/76	8 ##	0.015	0.021	0.05	0.015	0.	0.013	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-02/18/76	8	0.01	0.014	0.03	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-02/18/76	8	0.01	0.011	0.02	0.005	0.	0.004	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/18/76	8	7.	6.875	12.	3.	11.554	3.399	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/13/65-10/11/71	9	250.	246.111	272.	192.	620.111	24.902	192.	235.5	263.	272.
00916	CALCIUM, TOTAL (MG/L AS CA)	12/13/65-06/02/70	7	60.	59.571	66.	49.	29.286	5.412	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/13/65-06/02/70	7	22.	21.714	25.	17.	8.571	2.928	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/13/65-06/02/70	6	204.	202.5	242.	170.	686.7	26.205	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/65-02/18/76	28	261.	264.821	350.	160.	1938.004	44.023	210.4	236.75	295.75	319.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	7	300.	305.714	340.	295.	253.571	15.924	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/65-02/18/76	21	283.	257.19	300.	139.	2750.462	52.445	164.	216.	300.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/13/65-06/02/70	6	0.9	0.883	1.	0.8	0.006	0.075	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/16/66-06/02/70	5 ##	10.	26.	60.	10.	530.	23.022	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/13/65-10/11/71	9 ##	25.	16.667	25.	0.	156.25	12.5	0.	0.	25.	25.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	297	3.	10.808	780.	0.	2635.73	51.339	0.	0.	6.	18.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	297	0.477	0.477	2.892	0.	0.32	0.566	0.	0.	0.778	1.255
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.998								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	302	0.	5.485	294.	0.	773.602	27.814	0.	0.	2.	6.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	302	0.	0.213	2.468	-0.301	0.206	0.454	0.	0.	0.301	0.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.634								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	3.	4.	6.	3.	3.	1.732	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.477	0.577	0.778	0.477	0.03	0.174	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.78								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	249	0.	7.556	159.	0.	419.509	20.482	0.	0.	4.5	21.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	249	0.	0.387	2.201	-0.301	0.317	0.563	0.	0.	0.628	1.322
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.437								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	30.	28.667	56.	0.	785.333	28.024	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	1.477	1.075	1.748	0.	0.885	0.941	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			11.888								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-02/18/76	8 ##	2.	2.5	6.	2.	2.	1.414	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/17/70-04/17/70	1	918.	918.	918.	918.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	04/17/70-04/17/70	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/13/65-06/02/70	6 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	1	82.18	82.18	82.18	82.18	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	1	0.10	6	1	0.17	4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	121	11	0.09	95	11	0.12	26	0	0.00						
00400	PH	Fresh Chronic	9.	34	0	0.00	18	0	0.00	16	0	0.00						
		Other-Lo Lim.	6.5	34	0	0.00	18	0	0.00	16	0	0.00						
00403	PH, LAB	Fresh Chronic	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.	8	0	0.00	4	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	28	0	0.00	15	0	0.00	13	0	0.00						
		Drinking Water	250.	28	20	0.71	15	11	0.73	13	9	0.69						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	4	0	0.00	3	0	0.00						
		Drinking Water	250.	7	7	1.00	4	4	1.00	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	21	14	0.67	12	8	0.67	9	6	0.67						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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

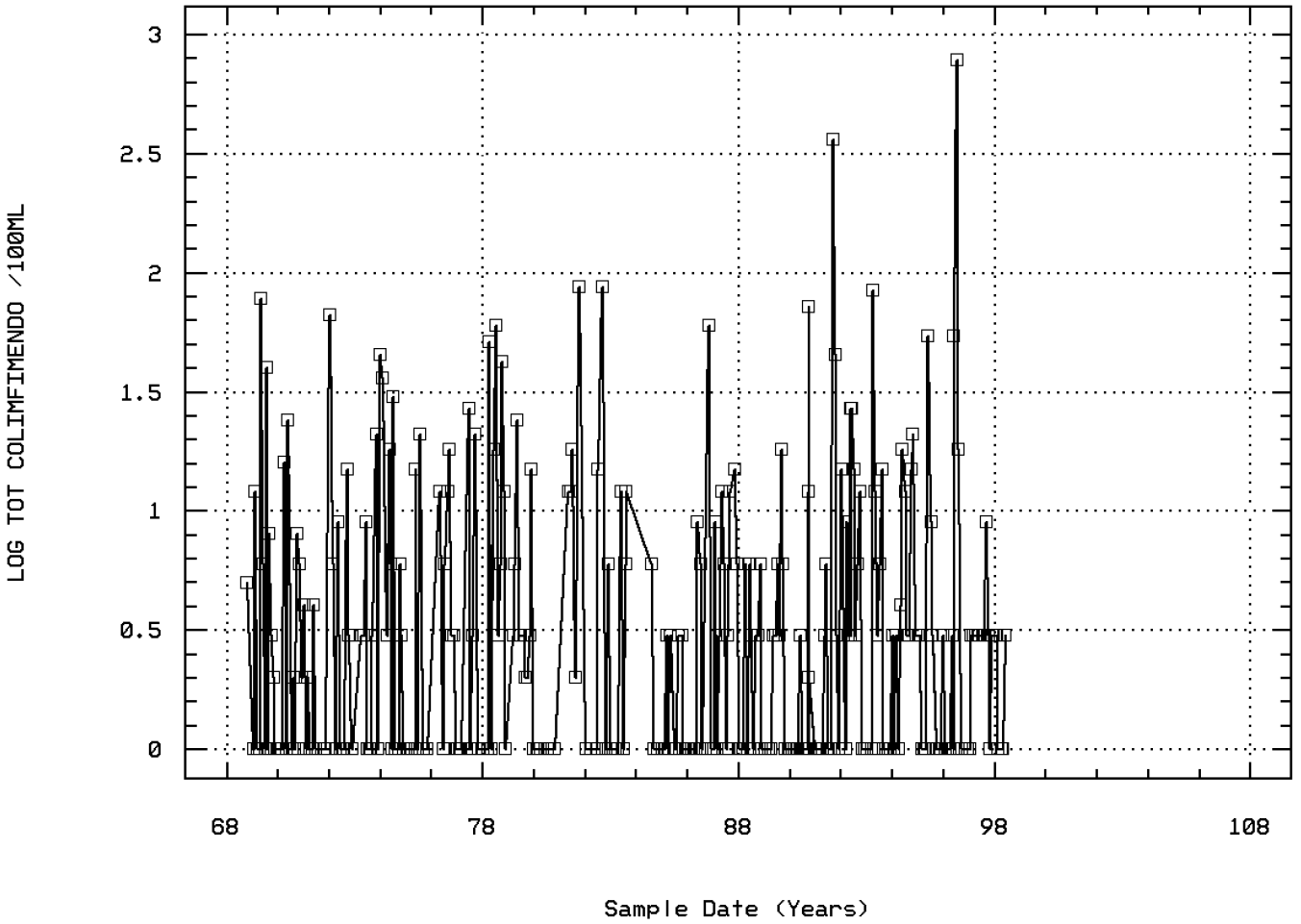
EPA Water Quality Criteria Analysis for Station: LAMR0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	297	0	0.00	169	0	0.00	128	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	302	3	0.01	173	3	0.02	129	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	6	0	0.00	3	0	0.00	3	0	0.00						

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

Station: LAMR0038 Parameter Code: 31501

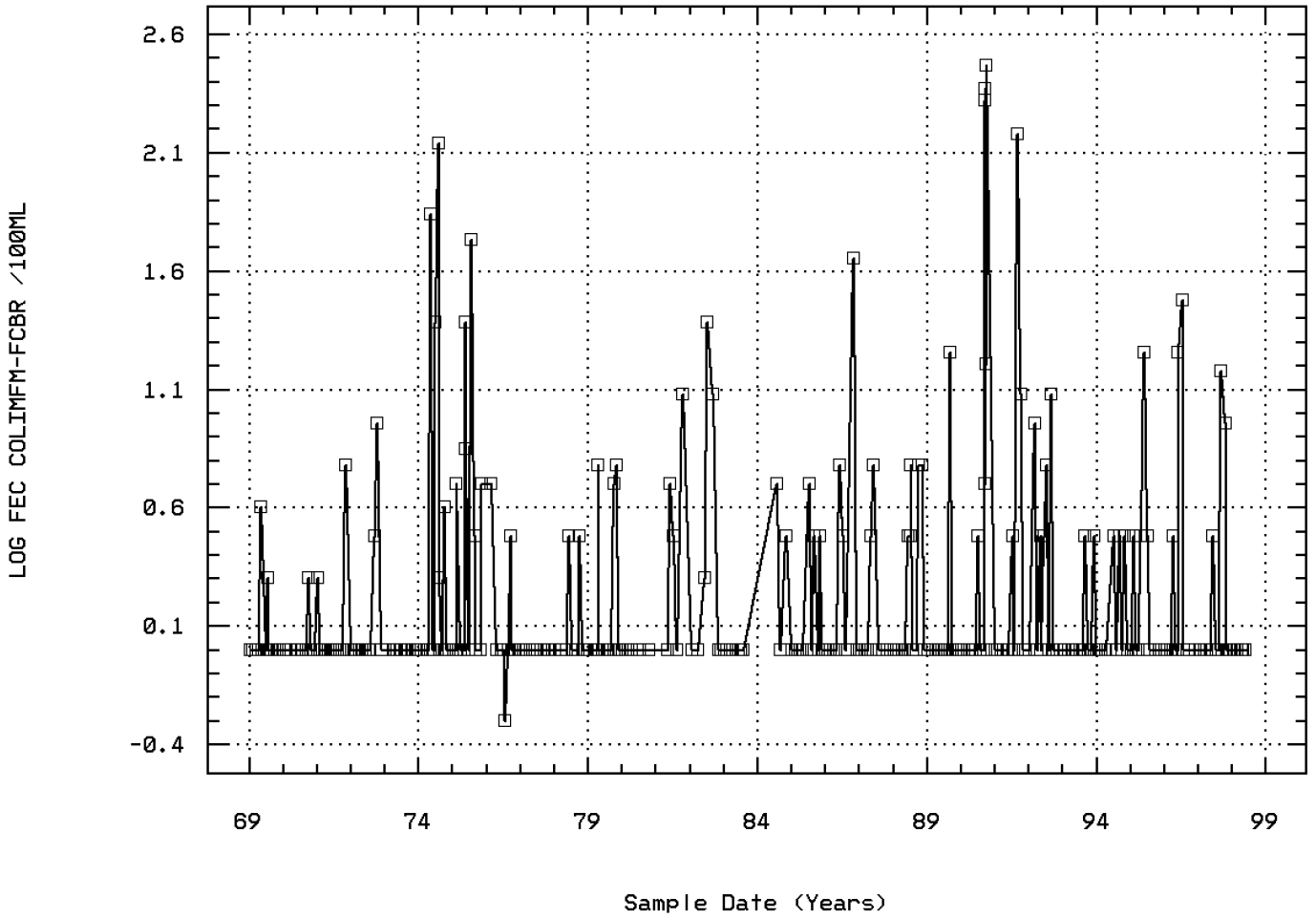
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-FRITCH CANYON

Station: LAMR0038 Parameter Code: 31616

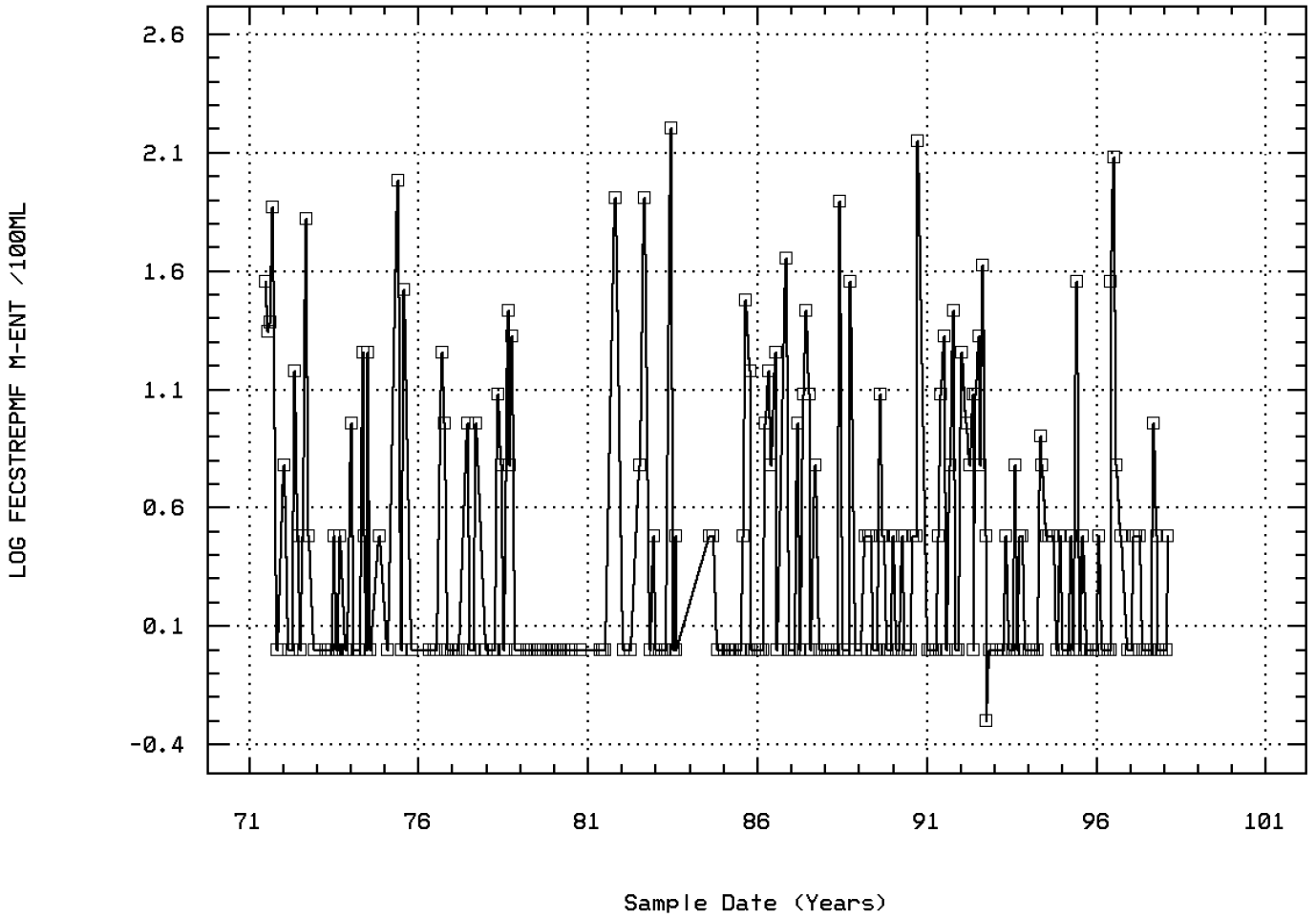
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-FRITCH CANYON

Station: LAMR0038 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-FRITCH CANYON

Annual Analysis for 1967 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	23	7.5	7.926	10.9	4.9	3.108	1.763	5.78	6.6	9.9	10.54

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

Annual Analysis for 1968 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	2	8.9	8.9	9.	8.8	0.02	0.141	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.								

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Annual Analysis for 1969 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	13	58.	58.462	80.	40.	243.603	15.608	40.	42.	74.	80.
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	13	8.7	8.746	11.	7.	2.188	1.479	7.	7.5	10.	11.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	14	1.	10.643	78.	0.	488.863	22.11	0.	0.	9.	59.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	14	0.151	0.502	1.892	0.	0.424	0.651	0.	0.	0.947	1.747
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.179								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	0.	0.462	4.	0.	1.436	1.198	0.	0.	0.	3.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	0.	0.069	0.602	0.	0.033	0.18	0.	0.	0.	0.482
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.173								

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

Annual Analysis for 1970 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	11	50.	41.909	67.	0.	561.491	23.696	2.	20.	64.	66.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	12	76.1	72.55	80.6	38.	127.863	11.308	48.08	71.6	78.35	80.06
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	12	5.	4.183	7.5	0.	7.04	2.653	0.3	1.625	6.425	7.35
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	12	1.	4.833	24.	0.	59.97	7.744	0.	0.	7.5	21.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	12	0.151	0.406	1.38	0.	0.271	0.521	0.	0.	0.872	1.327
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.545								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.222	2.	0.	0.444	0.667	0.	0.	0.	2.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.033	0.301	0.	0.01	0.1	0.	0.	0.	0.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.08								

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Annual Analysis for 1971 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	8	0.	1.25	4.	0.	3.357	1.832	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	8	0.	0.188	0.602	0.	0.076	0.276	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.542								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.667	6.	0.	3.152	1.775	0.	0.	0.	4.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.09	0.778	0.	0.054	0.233	0.	0.	0.	0.635

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Annual Analysis for 1971 - Station LAMR0038

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 =			1.23								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	24.	31.2	74.	0.	741.2	27.225	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	1.38	1.23	1.869	0.	0.516	0.718	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			16.968								

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Annual Analysis for 1972 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	10	1.5	9.9	66.	0.	414.1	20.349	0.	0.	10.5	60.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	10	0.239	0.521	1.82	0.	0.414	0.644	0.	0.	1.01	1.755
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.315								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	1.091	9.	0.	7.691	2.773	0.	0.	0.	7.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.13	0.954	0.	0.095	0.309	0.	0.	0.	0.859
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.349								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	9.636	66.	0.	372.255	19.294	0.	0.	10.	55.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.564	1.82	0.	0.348	0.59	0.	0.	1.	1.691
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.665								

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Annual Analysis for 1973 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	15	35.	34.733	66.	0.	481.067	21.933	3.	15.	55.	65.4
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	15	77.	75.113	78.8	62.9	28.138	5.305	63.92	73.2	78.8	78.8
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	15	6.1	5.233	7.6	0.1	7.477	2.734	0.34	3.	7.5	7.54
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	9	3.	4.333	21.	0.	47.5	6.892	0.	0.	6.	21.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	9	0.477	0.412	1.322	0.	0.227	0.476	0.	0.	0.716	1.322
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.582								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.667	3.	0.	1.75	1.323	0.	0.	1.5	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.106	0.477	0.	0.044	0.21	0.	0.	0.239	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.277								

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Annual Analysis for 1974 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	36	19.	21.556	60.	0.	307.854	17.546	1.	5.	35.	50.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	31	74.3	71.081	80.2	45.	58.39	7.641	67.8	68.9	74.8	76.
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	30	8.2	8.813	12.	5.	3.916	1.979	6.8	7.	11.	11.72
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	12	4.5	12.25	45.	0.	257.659	16.052	0.	0.	27.	42.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	12	0.628	0.704	1.653	0.	0.42	0.648	0.	0.	1.422	1.624
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.063								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	14	0.	17.	138.	0.	1565.846	39.571	0.	0.	9.	103.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	14	0.	0.447	2.14	0.	0.578	0.76	0.	0.	0.797	1.989
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.801								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	3.	5.667	18.	0.	57.25	7.566	0.	0.	13.5	18.

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Annual Analysis for 1974 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.477	0.491	1.255	0.	0.293	0.542	0.	0.	1.105	1.255
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.097								

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Annual Analysis for 1975 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	31	10.	15.323	55.	0.	240.626	15.512	1.	4.	20.	44.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	23	71.8	65.352	77.9	38.3	201.574	14.198	38.7	54.5	76.8	77.5
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	24	10.15	10.296	13.4	3.6	6.765	2.601	6.85	8.05	12.7	13.05
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	8	0.	4.5	21.	0.	72.	8.485	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	8	0.	0.312	1.322	0.	0.336	0.58	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.053								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	1.5	8.167	54.	0.	254.515	15.954	0.	0.	6.5	45.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.239	0.486	1.732	0.	0.363	0.602	0.	0.	0.809	1.627
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.062								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	25.8	96.	0.	1744.2	41.764	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.7	1.982	0.	0.946	0.973	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.014								

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Annual Analysis for 1976 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	6	3.	6.167	19.	1.	52.167	7.223	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	2	44.	44.	44.	44.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	2	10.95	10.95	11.	10.9	0.005	0.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	9	6.	6.667	18.	0.	37.75	6.144	0.	1.5	12.	18.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	9	0.778	0.658	1.255	0.	0.209	0.457	0.	0.239	1.079	1.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.552								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.85	5.	0.	3.003	1.733	0.	0.	1.125	4.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.088	0.699	-0.301	0.081	0.285	0.	0.	-0.106	0.677
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.223								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	3.375	18.	0.	44.839	6.696	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.276	1.255	0.	0.268	0.518	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.889								

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Annual Analysis for 1977 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	8	0.	6.375	27.	0.	121.982	11.045	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	8	0.	0.404	1.431	0.	0.389	0.623	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.534								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	2.571	9.	0.	19.286	4.392	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.273	0.954	0.	0.217	0.466	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.873								

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Annual Analysis for 1978 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	11	6.	17.455	60.	0.	512.673	22.642	0.	0.	42.	58.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	11	0.778	0.791	1.778	0.	0.541	0.735	0.	0.	1.623	1.764
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.177								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.221								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	6.545	27.	0.	91.473	9.564	0.	0.	12.	25.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.49	1.431	0.	0.353	0.594	0.	0.	1.079	1.41
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.09								

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

Annual Analysis for 1979 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	2	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	10	3.	6.4	24.	2.	53.378	7.306	2.	2.75	8.25	23.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	10	0.477	0.632	1.38	0.301	0.135	0.368	0.301	0.433	0.878	1.36
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.288								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	1.545	6.	0.	7.073	2.659	0.	0.	5.	6.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.205	0.778	0.	0.124	0.352	0.	0.	0.699	0.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.603								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1980 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	5	12.	26.2	87.	2.	1188.2	34.47	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	5	1.079	1.131	1.94	0.301	0.341	0.584	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.516								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	5	3.	4.	12.	0.	24.5	4.95	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	5	0.477	0.451	1.079	0.	0.216	0.465	**	**	**	**

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Annual Analysis for 1981 - Station LAMR0038

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 =			2.825								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	4	0.	20.25	81.	0.	1640.25	40.5	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	4	0.	0.477	1.908	0.	0.911	0.954	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.								

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Annual Analysis for 1982 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	7	0.	15.429	87.	0.	1027.286	32.051	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	7	0.	0.556	1.94	0.	0.597	0.773	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.6								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	7	0.	5.429	24.	0.	86.286	9.289	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	7	0.	0.394	1.38	0.	0.345	0.588	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.479								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	1.5	15.	81.	0.	1051.2	32.422	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.239	0.527	1.908	0.	0.561	0.749	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.367								

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Annual Analysis for 1983 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	8	0.	3.75	12.	0.	30.214	5.497	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	8	0.	0.367	1.079	0.	0.265	0.515	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.328								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	20.25	159.	0.	3144.214	56.073	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.335	2.201	0.	0.597	0.772	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.162								

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Annual Analysis for 1984 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	3	0.	2.	6.	0.	12.	3.464	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	3	0.	0.259	0.778	0.	0.202	0.449	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.817								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	3	3.	2.667	5.	0.	6.333	2.517	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	3	0.477	0.392	0.699	0.	0.128	0.357	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.466								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	3.	2.	3.	0.	3.	1.732	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.477	0.318	0.477	0.	0.076	0.275	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.08								

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Annual Analysis for 1985 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	11	0.	1.091	3.	0.	2.291	1.514	0.	0.	3.	3.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	11	0.	0.173	0.477	0.	0.058	0.241	0.	0.	0.477	0.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.491								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	1.	5.	0.	3.2	1.789	0.	0.	3.	4.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.15	0.699	0.	0.07	0.264	0.	0.	0.477	0.655
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.413								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	4.364	30.	0.	92.455	9.615	0.	0.	3.	27.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.285	1.477	0.	0.29	0.539	0.	0.	0.477	1.417
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.926								

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Annual Analysis for 1986 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	10	0.	7.5	60.	0.	350.5	18.722	0.	0.	6.75	54.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	10	0.	0.351	1.778	0.	0.383	0.619	0.	0.	0.822	1.696
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.244								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	5.4	45.	0.	197.6	14.057	0.	0.	3.75	41.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.291	1.653	0.	0.302	0.55	0.	0.	0.552	1.566
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.954								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	3.	9.3	45.	0.	202.9	14.244	0.	0.	15.75	42.3
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.389	0.582	1.653	0.	0.425	0.652	0.	0.	1.196	1.613
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.817								

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Annual Analysis for 1987 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	11	6.	6.	15.	0.	28.8	5.367	0.	0.	12.	14.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	11	0.778	0.618	1.176	0.	0.209	0.457	0.	0.	1.079	1.157
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.151								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.9	6.	0.	4.1	2.025	0.	0.	0.75	5.7
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.126	0.778	0.	0.075	0.274	0.	0.	0.119	0.748
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.335								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	6.	27.	0.	73.8	8.591	0.	0.	12.	24.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.484	1.431	0.	0.332	0.576	0.	0.	1.079	1.361
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.047								

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Annual Analysis for 1988 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	7	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	12	1.5	2.25	6.	0.	6.75	2.598	0.	0.	5.25	6.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	12	0.239	0.314	0.778	0.	0.12	0.346	0.	0.	0.703	0.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.06								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	0.	1.846	6.	0.	6.808	2.609	0.	0.	4.5	6.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	0.	0.253	0.778	0.	0.12	0.346	0.	0.	0.628	0.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.791								

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Annual Analysis for 1988 - Station LAMR0038

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	07/02/71-02/09/98	11	0.	10.364	78.	0.	619.855	24.897	0.	0.	0.	69.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.313	1.892	0.	0.492	0.702	0.	0.	0.	1.825
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.058								

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Annual Analysis for 1989 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	2	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	11	3.	3.545	18.	0.	28.473	5.336	0.	0.	6.	15.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	11	0.477	0.386	1.255	0.	0.183	0.428	0.	0.	0.778	1.16
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.431								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	1.636	18.	0.	29.455	5.427	0.	0.	0.	14.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.114	1.255	0.	0.143	0.378	0.	0.	0.	1.004
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.301								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	2.455	12.	0.	12.273	3.503	0.	0.	3.	10.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.315	1.079	0.	0.121	0.348	0.	0.	0.477	0.959
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.065								

** - Less than 9 observations ## - Computed 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 LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	13	0.	6.846	72.	0.	394.308	19.857	0.	0.	2.5	48.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	13	0.	0.286	1.857	0.	0.323	0.568	0.	0.	0.389	1.546
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.931								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	0.	58.538	294.	0.	11722.269	108.269	0.	0.	112.	270.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	13	0.	0.734	2.468	0.	1.021	1.011	0.	0.	1.761	2.429
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.416								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	1.5	15.3	141.	0.	1952.9	44.192	0.	0.	3.	127.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.239	0.406	2.149	0.	0.431	0.657	0.	0.	0.477	1.982
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.545								

** - Less than 9 observations ## - Computed 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 LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	12	0.	34.75	360.	0.	10653.477	103.216	0.	0.	5.25	265.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	12	0.	0.495	2.556	0.	0.671	0.819	0.	0.	0.703	2.285
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.127								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	13.75	150.	0.	1853.114	43.048	0.	0.	2.25	108.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.311	2.176	0.	0.452	0.672	0.	0.	0.358	1.847
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.047								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	5.75	27.	0.	87.477	9.353	0.	0.	10.5	25.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.424	1.431	0.	0.331	0.575	0.	0.	1.004	1.399
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.655								

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

Annual Analysis for 1992 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	4	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	13	6.	9.231	27.	0.	90.692	9.523	0.	1.5	15.	27.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	13	0.778	0.728	1.431	0.	0.279	0.528	0.	0.239	1.176	1.431
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.34								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	2.75	12.	0.	17.114	4.137	0.	0.	5.25	11.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.314	1.079	0.	0.178	0.421	0.	0.	0.703	1.042
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.06								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	13	6.	9.962	42.	0.	140.769	11.865	0.	0.25	15.	33.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	13	0.778	0.696	1.623	-0.301	0.369	0.608	0.	-0.151	1.167	1.503
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.964								

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

Annual Analysis for 1993 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	11	0.	10.909	84.	0.	616.091	24.821	0.	0.	12.	70.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	11	0.	0.494	1.924	0.	0.44	0.663	0.	0.	1.079	1.775
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.119								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.221								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.364	6.	0.	4.255	2.063	0.	0.	3.	5.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.201	0.778	0.	0.084	0.291	0.	0.	0.477	0.718
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.588								

** - Less than 9 observations ## - Computed 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 LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	12	3.	7.083	21.	0.	53.902	7.342	0.	3.	14.25	20.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	12	0.477	0.652	1.322	0.	0.207	0.455	0.	0.477	1.152	1.302
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.484								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.9	3.	0.	2.1	1.449	0.	0.	3.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.143	0.477	0.	0.053	0.23	0.	0.	0.477	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.39								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	2.417	8.	0.	6.811	2.61	0.	0.	3.	7.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.339	0.903	0.	0.107	0.328	0.	0.	0.477	0.866
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.182								

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Annual Analysis for 1995 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	11	0.	6.545	54.	0.	255.273	15.977	0.	0.	3.	45.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	11	0.	0.374	1.732	0.	0.305	0.553	0.	0.	0.477	1.577
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.368								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	2.455	18.	0.	28.473	5.336	0.	0.	3.	15.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.244	1.255	0.	0.16	0.4	0.	0.	0.477	1.1
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.755								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.818	36.	0.	115.364	10.741	0.	0.	3.	29.4

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Annual Analysis for 1995 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.228	1.556	0.	0.23	0.48	0.	0.	0.477	1.34
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.691								

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

Annual Analysis for 1996 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	11	0.	78.	780.	0.	54473.4	233.395	0.	0.	18.	634.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	11	0.	0.621	2.892	0.	0.915	0.957	0.	0.	1.255	2.66
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.181								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	4.636	30.	0.	99.655	9.983	0.	0.	3.	27.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.292	1.477	0.	0.305	0.552	0.	0.	0.477	1.433
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.958								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	15.273	120.	0.	1318.418	36.31	0.	0.	6.	103.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.488	2.079	0.	0.519	0.72	0.	0.	0.778	1.975
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.076								

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Annual Analysis for 1997 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	12	3.	3.	9.	0.	4.909	2.216	0.	3.	3.	7.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	12	0.477	0.437	0.954	0.	0.06	0.246	0.	0.477	0.477	0.811
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.738								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	2.25	15.	0.	23.114	4.808	0.	0.	2.25	13.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.217	1.176	0.	0.178	0.422	0.	0.	0.358	1.11
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.649								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	1.75	9.	0.	7.295	2.701	0.	0.	3.	7.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.239	0.954	0.	0.103	0.322	0.	0.	0.477	0.811
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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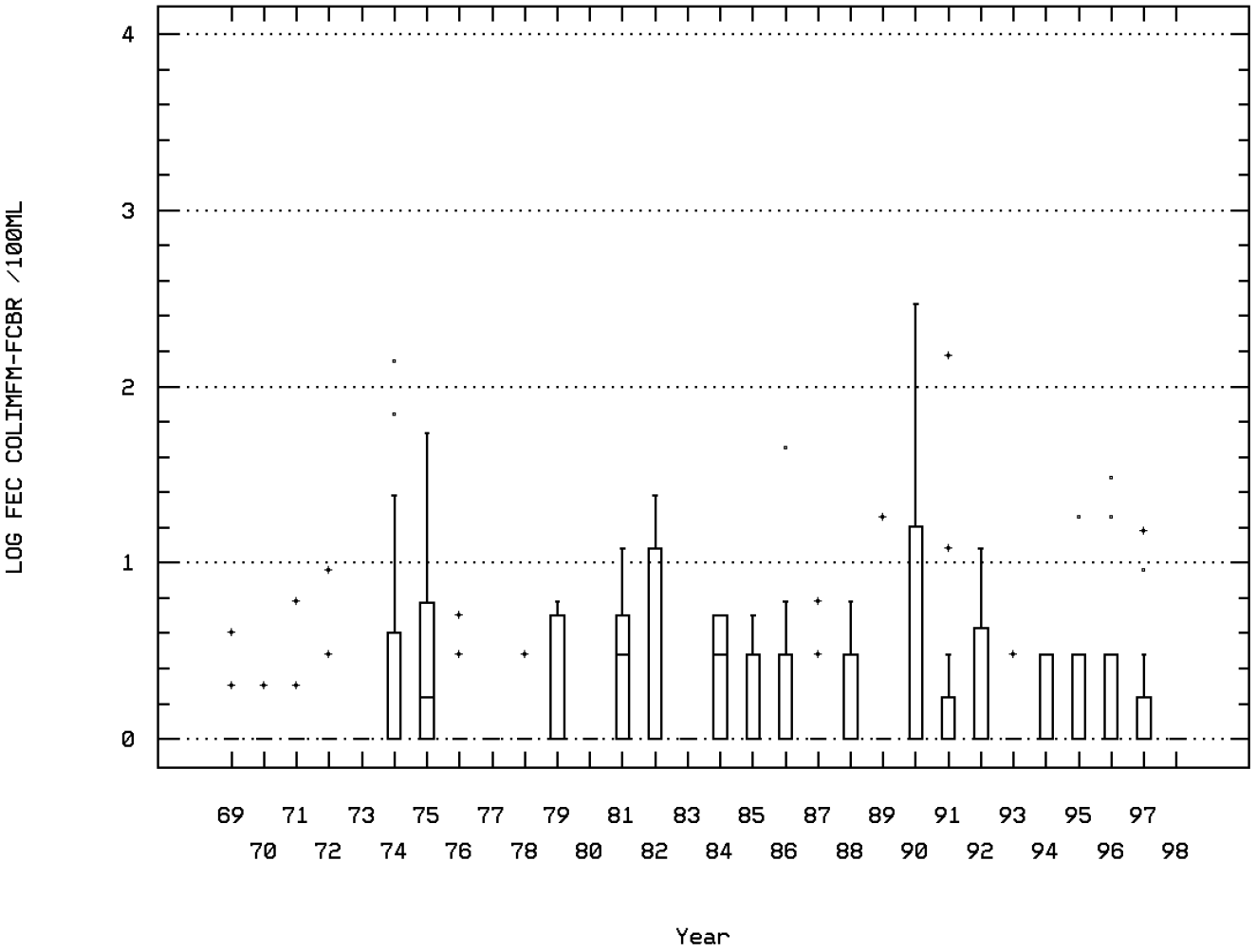
Annual Analysis for 1998 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	6	1.5	1.5	3.	0.	2.7	1.643	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	6	0.239	0.239	0.477	0.	0.068	0.261	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

** - Less than 9 observations ## - Computed 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: LAMR0038 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-FRITCH CANYON

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	93	18.	22.946	67.	0.	449.095	21.192	1.	1.	40.	55.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	79	74.8	73.513	80.6	58.	23.203	4.817	67.8	70.7	77.	78.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/13/65-02/18/76	14	1744.	1763.429	1900.	1380.	23205.341	152.333	1487.5	1700.	1900.	1900.
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	95	7.5	7.487	13.4	0.	8.393	2.897	3.36	6.5	9.	11.32
00400	PH (STANDARD UNITS)	12/13/65-02/18/76	18	8.4	8.342	8.7	7.3	0.101	0.317	7.93	8.275	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/13/65-02/18/76	18	8.4	8.162	8.7	7.3	0.135	0.367	7.93	8.275	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/65-02/18/76	18	0.004	0.007	0.05	0.002	0.	0.011	0.002	0.003	0.005	0.014
00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/65-02/18/76	15	261.	270.267	350.	187.	2156.21	46.435	202.6	242.	296.	350.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/65-02/18/76	12	285.5	260.75	300.	161.	2450.205	49.5	169.7	213.	300.	300.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	169	3.	15.609	780.	0.	4467.335	66.838	0.	0.	12.	24.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	169	0.477	0.623	2.892	0.	0.346	0.588	0.	0.	1.079	1.38
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.202								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	173	0.	8.968	294.	0.	1312.134	36.223	0.	0.	3.	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	173	0.	0.316	2.468	-0.301	0.293	0.542	0.	0.	0.477	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.07								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	142	3.	12.123	159.	0.	669.667	25.878	0.	0.	12.	35.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	142	0.477	0.569	2.201	-0.301	0.402	0.634	0.	0.	1.079	1.545
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.708								

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-10/05/92	26	3.5	6.	20.	1.	42.16	6.493	1.	1.	10.	19.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	17	44.	43.788	54.5	38.	33.219	5.764	38.24	38.7	46.	54.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/13/65-02/18/76	11	1600.	1580.727	1694.	1194.	17458.618	132.131	1275.2	1600.	1650.	1685.2
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/18/76	26	10.35	10.177	12.7	6.	2.847	1.687	7.	9.6	11.	12.6
00400	PH (STANDARD UNITS)	12/13/65-02/18/76	16	8.6	8.634	8.95	8.2	0.049	0.222	8.34	8.5	8.8	8.95
00400	CONVERTED PH (STANDARD UNITS)	12/13/65-02/18/76	16	8.6	8.582	8.95	8.2	0.052	0.228	8.34	8.5	8.8	8.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/65-02/18/76	16	0.003	0.003	0.006	0.001	0.	0.001	0.001	0.002	0.003	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/65-02/18/76	13	258.	258.538	316.	160.	1765.103	42.013	187.2	233.5	299.5	312.8
00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/65-02/18/76	9	275.	252.444	300.	139.	3462.778	58.845	139.	202.	297.5	300.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/14/68-06/01/98	128	0.	4.469	84.	0.	162.393	12.743	0.	0.	3.	12.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/14/68-06/01/98	128	0.	0.283	1.924	0.	0.223	0.472	0.	0.	0.477	1.079
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.92								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	129	0.	0.814	45.	0.	17.606	4.196	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	129	0.	0.075	1.653	0.	0.058	0.241	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.19								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	107	0.	1.495	45.	0.	25.686	5.068	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	107	0.	0.145	1.653	0.	0.103	0.32	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.395								

** - Less than 9 observations ## - Computed 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: LAMR0039

NPS Station ID: LAMR0039 | LAT/LON: 35.685004/-101.624003 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: LAKE MEREDITH-BLUE WEST | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_TPWD_08
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 2915 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE BLUE WEST AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	47	17.2	17.336	24.4	4.4	22.047	4.695	11.8	14.4	21.	23.84
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	45	21.	19.522	33.	2.2	60.434	7.774	7.2	15.	25.	28.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	38	0.91	1.096	3.05	0.15	0.419	0.647	0.489	0.663	1.52	1.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	20	2000.	1917.75	2500.	1350.	77353.882	278.126	1427.5	1800.	2087.5	2352.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	43	8.2	8.433	11.	5.5	1.488	1.22	6.88	7.8	9.1	10.46

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: LAMR0039

				Total	Exceed	Prop.	4/15-10/31			11/01-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	43	0	0.00	40	0	0.00	3	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	44	18.	17.986	24.4	11.	15.835	3.979	12.	16.	21.	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	42	22.	20.412	33.	6.	49.766	7.054	9.44	15.	25.	29.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	35	0.91	1.08	3.05	0.15	0.437	0.661	0.456	0.61	1.52	1.872
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	20	2000.	1917.75	2500.	1350.	77353.882	278.126	1427.5	1800.	2087.5	2352.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	40	8.3	8.415	11.	5.5	1.53	1.237	6.82	7.725	9.075	10.49

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-10/23/96	3	6.	7.8	13.	4.4	20.92	4.574	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-10/23/96	3	3.	7.067	16.	2.2	60.013	7.747	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	3	1.23	1.287	1.83	0.8	0.268	0.517	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-10/23/96	3	8.	8.667	10.	8.	1.333	1.155	**	**	**	**

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

Station Inventory for Station: LAMR0040

NPS Station ID: LAMR0040 | LAT/LON: 35.688698/-101.626087 | Agency: 11NPSWRD | Date Created: 07/25/98
Location: Lake Meredith Reservoir Near Blue West Rec Area | FIPS State/County: 48233 TEXAS/HUTCHINSON
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_IMS24-3 /IMS24-3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
The station is located on the Evans Canyon TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Water Quality Board. Sediment analyzed for toxics. Sample taken from Lake Meredith at Blue West Recreational Area." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	1	54.	54.	54.	54.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

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

Station Inventory for Station: LAMR0041

NPS Station ID: LAMR0041 | LAT/LON: 35.651615/-101.627810 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LAKE MEREDITH-HARBOR BAY | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_21 /10048
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE HARBOR BAY AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10048) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-10/05/92	62	1.	5.419	24.	1.	41.723	6.459	1.	1.	10.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-02/18/76	21	17.8	14.871	25.	3.5	69.784	8.354	3.5	6.7	22.95	24.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	34	60.5	58.347	80.	38.	231.13	15.203	38.3	43.025	72.55	77.5
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	03/14/87-08/04/92	9	86.7	86.767	89.9	83.	7.09	2.663	83.	83.85	89.2	89.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/06/74	9	30.	30.	68.	2.	336.	18.33	2.	19.	38.	68.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-05/12/81	22	1700.	1763.591	2499.	1575.	42949.396	207.242	1575.	1600.	1900.	1900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-06/12/81	9	2057.	2095.889	2499.	1969.	26993.611	164.297	1969.	1990.	2138.5	2499.
00300	OXYGEN, DISSOLVED MG/L	02/09/67-02/18/76	48	8.7	8.8	12.5	3.6	3.424	1.85	7.	7.45	9.975	11.14
00310	BOD, 5 DAY, 20 DEG C MG/L	11/09/66-03/17/69	19	1.	4.463	57.	0.	164.477	12.825	0.	0.4	2.5	6.
00400	PH (STANDARD UNITS)	12/20/66-05/12/81	27	8.5	8.517	8.9	7.1	0.139	0.373	8.18	8.4	8.9	8.9
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-05/12/81	27	8.5	8.225	8.9	7.1	0.227	0.477	8.18	8.4	8.9	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-05/12/81	27	0.003	0.006	0.079	0.001	0.	0.015	0.001	0.001	0.004	0.007
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/12/81	9	8.5	8.444	8.7	8.	0.045	0.213	8.	8.35	8.6	8.7
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/12/81	9	8.5	8.393	8.7	8.	0.048	0.22	8.	8.35	8.6	8.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/12/81	9	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.004	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-06/12/81	5	188.	180.6	191.	168.	133.8	11.567	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/12/81	5	4.	2.6	5.	0.	5.8	2.408	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-06/12/81	3	220.	220.333	221.	220.	0.333	0.577	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-06/12/81	3	5.	5.333	6.	5.	0.333	0.577	**	**	**	**

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

Parameter Inventory for Station: LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-05/12/81	10 ##	5.	237.2	1405.	5.	250900.622	500.9	5.	5.	239.	1356.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-02/18/76	8 ##	5.	4.5	5.	1.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-02/18/76	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-06/12/81	9 ##	0.015	0.038	0.2	0.01	0.004	0.062	0.01	0.01	0.035	0.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-02/18/76	14	0.055	0.099	0.21	0.	0.007	0.083	0.008	0.026	0.2	0.205
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-02/18/76	8 ##	0.015	0.018	0.04	0.015	0.	0.009	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-02/18/76	8	0.02	0.019	0.04	0.01	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-02/18/76	8	0.01	0.009	0.01	0.005	0.	0.002	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-02/18/76	8	7.5	7.125	12.	4.	6.696	2.588	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-06/12/81	5	294.	296.2	370.	253.	2002.2	44.746	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/81-06/12/81	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/12/81	2	66.	66.	67.	65.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/81-06/12/81	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/12/81	2	26.5	26.5	31.	22.	40.5	6.364	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-05/12/81	2	279.	279.	355.	203.	11552.	107.48	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/81-06/12/81	1	355.	355.	355.	355.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/12/81-05/12/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/12/81	25	267.	285.36	399.	222.	1764.573	42.007	246.	259.	300.	349.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	7	300.	340.714	515.	290.	6478.571	80.49	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/12/81	16	285.5	283.563	319.	181.	963.996	31.048	244.7	276.25	300.	319.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-06/12/81	3	0.9	0.833	0.9	0.7	0.013	0.115	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/20/66-12/20/66	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/20/66-10/05/71	3 ##	0.	8.333	25.	0.	208.333	14.434	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	321	3.	8.944	660.	0.	1586.133	39.826	0.	0.	6.	18.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	321	0.477	0.458	2.82	-0.301	0.291	0.54	0.	0.	0.778	1.255
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.868								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	302	0.	3.046	198.	0.	256.548	16.017	0.	0.	0.5	5.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	302	0.	0.172	2.297	-0.301	0.142	0.376	0.	0.	-0.301	0.699
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.485								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	252	0.	3.863	75.	0.	75.444	8.686	0.	0.	3.	12.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	252	0.	0.316	1.875	-0.301	0.208	0.456	0.	0.	0.477	1.079
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.07								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	36.	37.667	68.	9.	872.333	29.535	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	1.556	1.448	1.833	0.954	0.202	0.449	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			28.034								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-02/18/76	8 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
61501	MERCURY SLUDGE TOTAL FRACTION MG/L	05/18/92-05/18/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-05/12/81	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	1	82.18	82.18	82.18	82.18	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: LAMR0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	1	0.11	6	1	0.17	3	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	1	0.02	30	1	0.03	18	0	0.00						
00400	PH	Fresh Chronic	9.	27	0	0.00	14	0	0.00	13	0	0.00						
		Other-Lo Lim.	6.5	27	0	0.00	14	0	0.00	13	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	9	0	0.00	5	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	9	0	0.00	5	0	0.00	4	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	5	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	25	0	0.00	16	0	0.00	9	0	0.00						
		Drinking Water	250.	25	23	0.92	16	15	0.94	9	8	0.89						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	4	0	0.00	3	0	0.00						
		Drinking Water	250.	7	7	1.00	4	4	1.00	3	3	1.00						

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

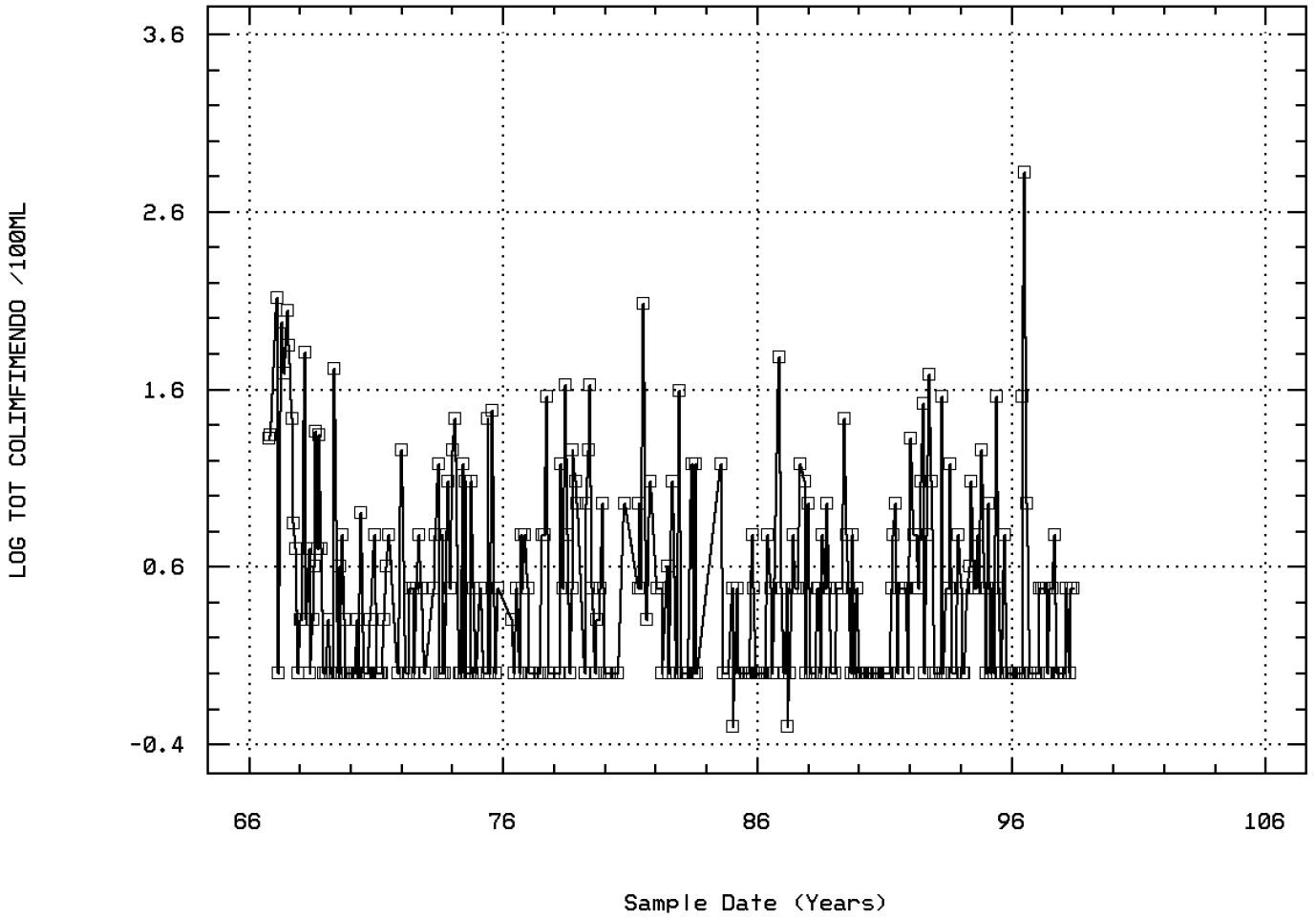
EPA Water Quality Criteria Analysis for Station: LAMR0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	16	15	0.94	10	10	1.00	6	5	0.83						
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.	321	0	0.00	180	0	0.00	141	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	302	0	0.00	170	0	0.00	132	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station: LAMR0041 Parameter Code: 31501

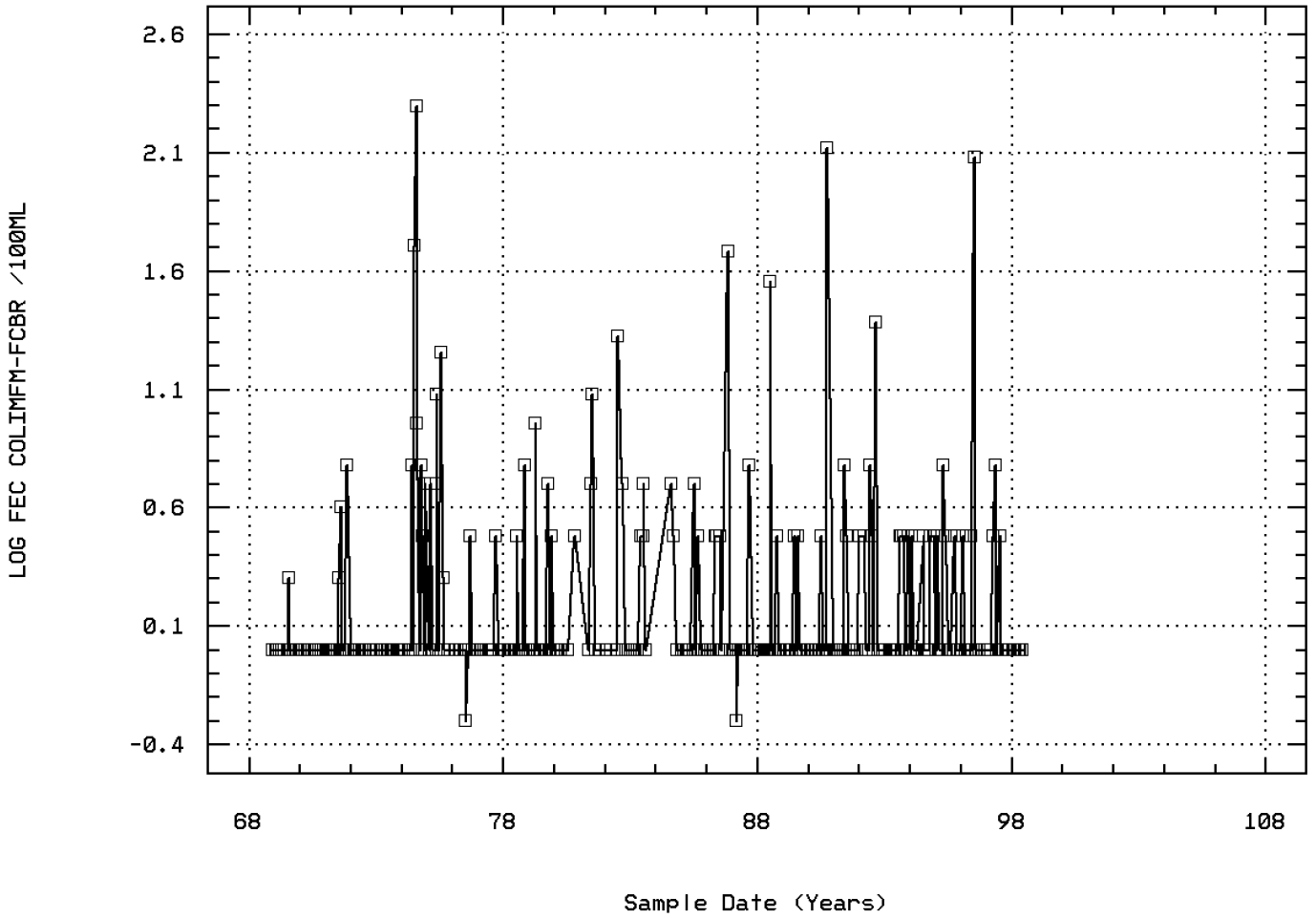
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-HARBOR BAY

Station: LAMR0041 Parameter Code: 31616

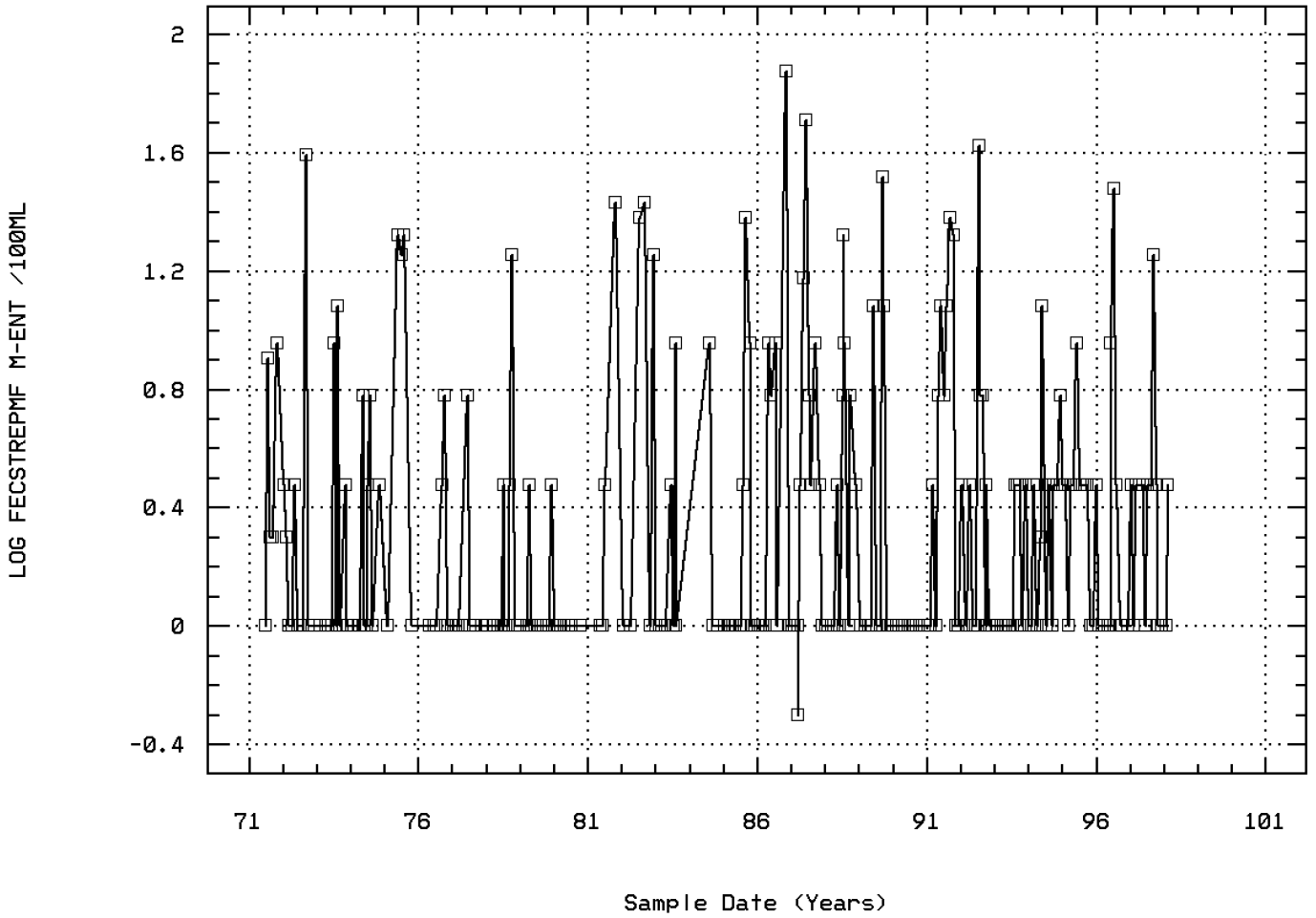
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-HARBOR BAY

Station: LAMR0041 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-HARBOR BAY

Annual Analysis for 1966 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	2	1.332	1.332	1.342	1.322	0.	0.014	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.494								

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

Annual Analysis for 1967 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	10	38.	49.3	130.	0.	2424.9	49.243	0.	3.75	98.75	128.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	10	1.561	1.264	2.114	0.	0.675	0.821	0.	0.524	1.994	2.107
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.381								

** - Less than 9 observations ## - Computed 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 1968 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	14	4.5	10.429	64.	0.	291.802	17.082	0.	2.	13.	43.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	14	0.651	0.672	1.806	0.	0.291	0.539	0.	0.301	1.086	1.584
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.703								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.162								

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

Annual Analysis for 1969 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	13	0.	5.154	52.	0.	201.641	14.2	0.	0.	3.	33.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	13	0.	0.284	1.716	0.	0.253	0.503	0.	0.	0.452	1.341
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.925								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.167	2.	0.	0.333	0.577	0.	0.	0.	1.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.025	0.301	0.	0.008	0.087	0.	0.	0.	0.211
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.059								

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

Annual Analysis for 1970 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	12	0.5	2.417	10.	0.	12.629	3.554	0.	0.	5.	9.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	12	0.	0.274	1.	0.	0.155	0.394	0.	0.	0.659	0.971
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.878								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	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

Annual Analysis for 1971 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	8	0.	1.5	6.	0.	5.429	2.33	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	8	0.	0.21	0.778	0.	0.101	0.317	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.622								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	1.	6.	0.	4.	2.	0.	0.	1.5	5.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.14	0.778	0.	0.075	0.274	0.	0.	0.226	0.725
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.381								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	2.	4.2	9.	0.	16.2	4.025	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.301	0.492	0.954	0.	0.174	0.418	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.104								

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Annual Analysis for 1972 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	10	3.	3.6	18.	0.	29.6	5.441	0.	0.	3.75	16.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	10	0.477	0.394	1.255	0.	0.171	0.413	0.	0.	0.552	1.208
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.479								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	4.273	39.	0.	134.218	11.585	0.	0.	3.	31.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.259	1.591	0.	0.234	0.484	0.	0.	0.477	1.368
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.815								

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Annual Analysis for 1973 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	9	3.	5.	15.	0.	29.25	5.408	0.	0.	9.	15.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	9	0.477	0.53	1.176	0.	0.211	0.46	0.	0.	0.929	1.176
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.385								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	2.667	12.	0.	21.25	4.61	0.	0.	6.	12.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.279	1.079	0.	0.2	0.448	0.	0.	0.716	1.079
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.901								

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Annual Analysis for 1974 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	13	0.	6.692	27.	0.	82.731	9.096	0.	0.	13.5	23.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	13	0.	0.5	1.431	0.	0.36	0.6	0.	0.	1.128	1.361
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.161								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	14	1.5	19.857	198.	0.	2805.516	52.967	0.	0.	6.75	124.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	14	0.239	0.549	2.297	0.	0.523	0.723	0.	0.	0.822	2.002
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.543								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	1.8	6.	0.	6.4	2.53	0.	0.	3.75	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.251	0.778	0.	0.115	0.339	0.	0.	0.552	0.778

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Annual Analysis for 1974 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.783								

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Annual Analysis for 1975 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	8	1.5	7.875	30.	0.	164.411	12.822	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	8	0.239	0.483	1.477	0.	0.403	0.635	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.04								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.5	3.583	18.	0.	33.538	5.791	0.	0.	5.	16.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.336	1.255	0.	0.223	0.472	0.	0.	0.699	1.202
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.168								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	18.	12.	21.	0.	121.5	11.023	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	1.255	0.78	1.322	0.	0.508	0.713	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.025								

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Annual Analysis for 1976 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	9	3.	2.889	6.	0.	4.611	2.147	0.	1.	4.5	6.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	9	0.477	0.418	0.778	0.	0.08	0.282	0.	0.151	0.628	0.778
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.621								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.45	3.	0.	0.914	0.956	0.	0.	0.625	2.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.018	0.477	-0.301	0.035	0.187	0.	0.	-0.226	0.429
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.041								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.125	6.	0.	4.982	2.232	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.157	0.778	0.	0.091	0.301	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.435								

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Annual Analysis for 1977 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	8	0.	6.	36.	0.	154.286	12.421	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	8	0.	0.389	1.556	0.	0.346	0.588	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.449								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.375	3.	0.	1.125	1.061	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.06	0.477	0.	0.028	0.169	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.147								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	0.857	6.	0.	5.143	2.268	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.111	0.778	0.	0.087	0.294	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.292								

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Annual Analysis for 1978 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	11	6.	9.818	42.	0.	153.164	12.376	0.	0.	15.	37.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	11	0.778	0.711	1.623	0.	0.317	0.563	0.	0.	1.176	1.55
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.14								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.75	6.	0.	3.477	1.865	0.	0.	0.	5.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.105	0.778	0.	0.064	0.253	0.	0.	0.	0.688
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.272								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	2.	18.	0.	26.727	5.17	0.	0.	2.25	13.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.184	1.255	0.	0.148	0.384	0.	0.	0.358	1.022
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.528								

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Annual Analysis for 1979 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	10	3.	8.8	42.	0.	166.844	12.917	0.	1.5	11.25	39.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	10	0.477	0.634	1.623	0.	0.294	0.542	0.	0.226	1.03	1.586
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.309								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	1.545	9.	0.	8.873	2.979	0.	0.	3.	8.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.194	0.954	0.	0.121	0.348	0.	0.	0.477	0.903
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.562								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.667	3.	0.	1.75	1.323	0.	0.	1.5	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.106	0.477	0.	0.044	0.21	0.	0.	0.239	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.277								

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Annual Analysis for 1980 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	6	0.	1.5	9.	0.	13.5	3.674	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	6	0.	0.159	0.954	0.	0.152	0.39	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.442								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.5	3.	0.	1.5	1.225	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.08	0.477	0.	0.038	0.195	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.201								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	6	6.	24.833	120.	2.	2189.367	46.791	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	6	0.716	0.895	2.079	0.301	0.428	0.654	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.846								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	2.833	12.	0.	24.167	4.916	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.296	1.079	0.	0.225	0.475	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.979								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	6.	27.	0.	139.5	11.811	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.382	1.431	0.	0.387	0.622	**	**	**	**

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Annual Analysis for 1981 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.408								

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Annual Analysis for 1982 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	8	3.	7.625	39.	0.	176.268	13.277	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	8	0.477	0.528	1.591	0.	0.326	0.571	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.375								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	7	0.	3.714	21.	0.	61.571	7.847	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	7	0.	0.289	1.322	0.	0.276	0.525	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.944								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	9.	11.5	27.	0.	167.1	12.927	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.628	0.678	1.431	0.	0.555	0.745	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.762								

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Annual Analysis for 1983 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	8	0.	3.75	15.	0.	48.214	6.944	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	8	0.	0.294	1.176	0.	0.296	0.544	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.968								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	1.222	5.	0.	3.694	1.922	0.	0.	3.	5.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.184	0.699	0.	0.08	0.283	0.	0.	0.477	0.699
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.526								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.5	9.	0.	10.286	3.207	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.179	0.954	0.	0.126	0.355	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.51								

** - Less than 9 observations ## - Computed 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 LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	3	0.	5.	15.	0.	75.	8.66	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	3	0.	0.392	1.176	0.	0.461	0.679	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.466								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	3	3.	2.667	5.	0.	6.333	2.517	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	3	0.477	0.392	0.699	0.	0.128	0.357	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.466								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	0.	3.	9.	0.	27.	5.196	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.	0.318	0.954	0.	0.304	0.551	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.08								

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Annual Analysis for 1985 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	12	0.	1.292	6.	0.	3.93	1.982	0.	0.	3.	5.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	12	0.	0.159	0.778	-0.301	0.098	0.313	0.	0.	0.477	0.688
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.442								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.727	5.	0.	2.818	1.679	0.	0.	0.	4.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.107	0.699	0.	0.059	0.243	0.	0.	0.	0.655
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.279								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.273	24.	0.	54.818	7.404	0.	0.	3.	21.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.256	1.38	0.	0.232	0.482	0.	0.	0.477	1.295
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.801								

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Annual Analysis for 1986 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	10	0.	7.2	60.	0.	348.4	18.665	0.	0.	3.75	54.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	10	0.	0.351	1.778	0.	0.332	0.576	0.	0.	0.552	1.678
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.244								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	5.7	48.	0.	222.9	14.93	0.	0.	3.	43.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.311	1.681	0.	0.282	0.531	0.	0.	0.477	1.561
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.048								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	9.9	75.	0.	538.1	23.197	0.	0.	9.	68.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.456	1.875	0.	0.429	0.655	0.	0.	0.954	1.783
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.859								

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Annual Analysis for 1987 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	12	3.	3.792	15.	0.	24.43	4.943	0.	0.	5.25	14.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	12	0.477	0.387	1.176	-0.301	0.215	0.463	0.	0.	0.703	1.147
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.436								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.591	6.	0.	3.241	1.8	0.	0.	0.	4.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.043	0.778	-0.301	0.068	0.26	0.	0.	0.	0.562
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	7.542	51.	0.	207.975	14.421	0.	0.	8.25	40.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.479	1.708	-0.301	0.349	0.591	0.	0.	0.91	1.548
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.012								

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Annual Analysis for 1988 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	12	3.	3.	9.	0.	11.455	3.384	0.	0.	5.25	9.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	12	0.477	0.383	0.954	0.	0.143	0.379	0.	0.	0.703	0.954
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.415								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	13	0.	3.	36.	0.	99.	9.95	0.	0.	0.	22.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	13	0.	0.156	1.556	0.	0.194	0.441	0.	0.	0.	1.125
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.434								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	1.5	4.	21.	0.	38.182	6.179	0.	0.	6.	17.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.239	0.399	1.322	0.	0.22	0.469	0.	0.	0.778	1.212

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Annual Analysis for 1988 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.506								

** - Less than 9 observations ## - Computed 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 LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	11	3.	4.909	27.	0.	58.091	7.622	0.	0.	6.	22.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	11	0.477	0.488	1.431	0.	0.177	0.421	0.	0.	0.778	1.301
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.079								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.221								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	5.182	33.	0.	108.164	10.4	0.	0.	12.	28.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.334	1.519	0.	0.341	0.584	0.	0.	1.079	1.431
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.159								

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Annual Analysis for 1990 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	15.	132.	0.	1926.	43.886	0.	0.	1.5	132.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.289	2.121	0.	0.497	0.705	0.	0.	0.239	2.121
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.944								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1991 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	12	3.	2.5	9.	0.	7.909	2.812	0.	0.	3.	8.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	12	0.477	0.343	0.954	0.	0.113	0.336	0.	0.	0.477	0.901
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.204								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.75	6.	0.	3.477	1.865	0.	0.	0.	5.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.105	0.778	0.	0.064	0.253	0.	0.	0.	0.688
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.272								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	4.5	7.	24.	0.	72.545	8.517	0.	0.	12.	23.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.628	0.575	1.38	0.	0.315	0.561	0.	0.	1.079	1.363
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.754								

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Annual Analysis for 1992 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	11	6.	13.364	48.	0.	227.455	15.082	0.	3.	21.	45.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	11	0.778	0.863	1.681	0.	0.306	0.553	0.	0.477	1.322	1.649
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.293								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	3.545	24.	0.	50.073	7.076	0.	0.	3.	20.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.326	1.38	0.	0.202	0.45	0.	0.	0.477	1.26
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.12								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	1.5	5.25	42.	0.	139.295	11.802	0.	0.	5.25	31.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.239	0.384	1.623	0.	0.251	0.501	0.	0.	0.703	1.37
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.422								

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Annual Analysis for 1993 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	11	0.	5.727	36.	0.	121.418	11.019	0.	0.	6.	31.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	11	0.	0.406	1.556	0.	0.305	0.553	0.	0.	0.778	1.48
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.546								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	1.091	3.	0.	2.291	1.514	0.	0.	3.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.173	0.477	0.	0.058	0.241	0.	0.	0.477	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.491								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.091	3.	0.	2.291	1.514	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.173	0.477	0.	0.058	0.241	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.491								

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Annual Analysis for 1994 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	12	3.	4.833	18.	0.	26.697	5.167	0.	3.	5.5	16.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	12	0.477	0.548	1.255	0.	0.134	0.365	0.	0.477	0.734	1.202
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.533								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	1.2	3.	0.	2.4	1.549	0.	0.	3.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.191	0.477	0.	0.061	0.246	0.	0.	0.477	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.552								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	2.5	2.667	12.	0.	12.242	3.499	0.	0.	3.	10.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.389	0.339	1.079	0.	0.127	0.356	0.	0.	0.477	0.989
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.182								

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

Annual Analysis for 1995 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	11	0.	5.182	36.	0.	113.564	10.657	0.	0.	6.	30.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	11	0.	0.386	1.556	0.	0.276	0.525	0.	0.	0.778	1.436
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.431								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	1.364	6.	0.	4.255	2.063	0.	0.	3.	5.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.201	0.778	0.	0.084	0.291	0.	0.	0.477	0.718
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.588								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	2.727	9.	0.	6.218	2.494	0.	0.	3.	7.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.39	0.954	0.	0.083	0.288	0.	0.	0.477	0.859

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

Annual Analysis for 1995 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.457								

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

Annual Analysis for 1996 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	11	0.	64.091	660.	0.	39179.291	197.938	0.	0.	9.	535.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	11	0.	0.485	2.82	0.	0.87	0.933	0.	0.	0.954	2.567
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.052								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	11.455	120.	0.	1297.473	36.02	0.	0.	3.	96.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.276	2.079	0.	0.394	0.628	0.	0.	0.477	1.759
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.887								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	4.091	30.	0.	81.491	9.027	0.	0.	3.	25.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.308	1.477	0.	0.251	0.501	0.	0.	0.477	1.373
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.031								

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

Annual Analysis for 1997 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	12	3.	2.	6.	0.	3.818	1.954	0.	0.	3.	5.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	12	0.477	0.303	0.778	0.	0.079	0.281	0.	0.	0.477	0.688
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.011								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	1.	6.	0.	3.818	1.954	0.	0.	2.25	5.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.144	0.778	0.	0.074	0.271	0.	0.	0.358	0.688
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.394								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	3.25	18.	0.	23.659	4.864	0.	0.	3.	13.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.383	1.255	0.	0.128	0.358	0.	0.	0.477	1.022
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.415								

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

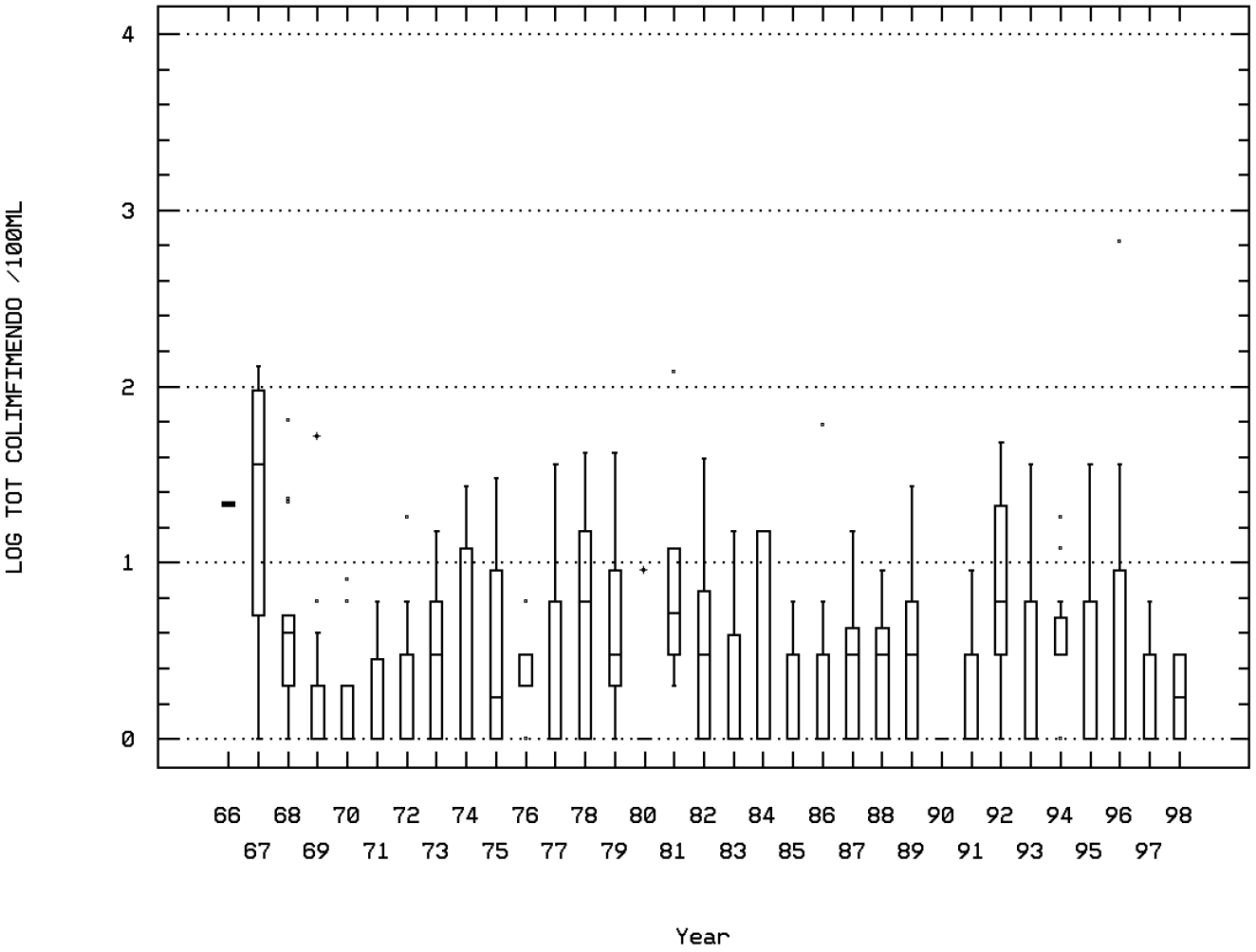
Annual Analysis for 1998 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	6	1.5	1.5	3.	0.	2.7	1.643	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	6	0.239	0.239	0.477	0.	0.068	0.261	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

** - Less than 9 observations ## - Computed 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: LAMR0041 Parameter Code: 31501

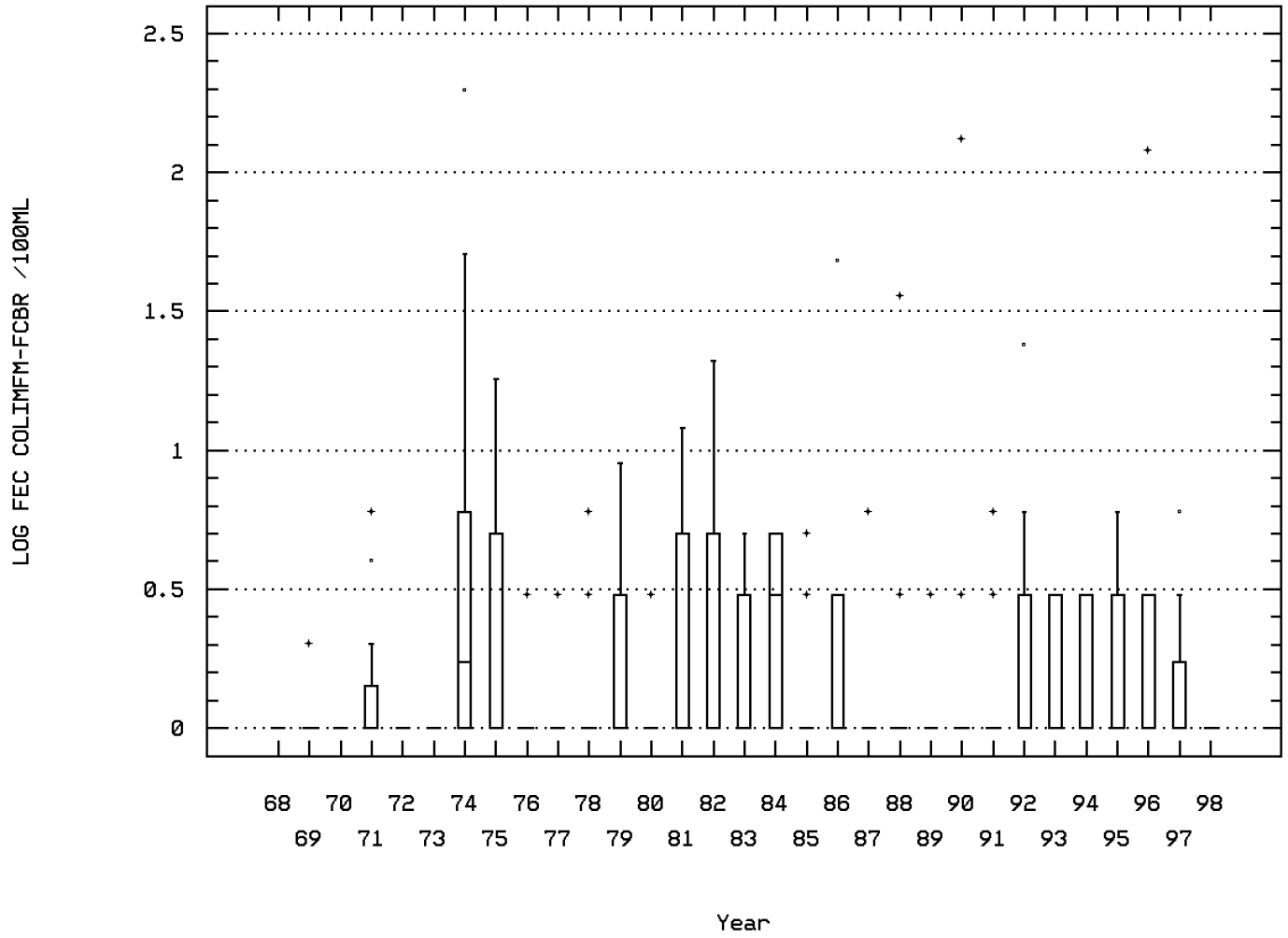
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-HARBOR BAY

Station: LAMR0041 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-HARBOR BAY

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-10/05/92	36	1.	5.389	24.	1.	43.844	6.622	1.	1.	10.	16.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	18	72.	71.217	80.	58.	39.017	6.246	62.5	65.125	75.65	79.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-05/12/81	13	1875.	1874.923	2499.	1700.	41770.91	204.379	1700.	1750.	1900.	2259.4
00300	OXYGEN, DISSOLVED MG/L	02/09/67-02/18/76	30	8.	7.93	10.	3.6	1.581	1.258	7.	7.2	8.775	9.39
00400	PH (STANDARD UNITS)	12/20/66-05/12/81	14	8.4	8.311	8.7	7.1	0.152	0.389	7.6	8.2	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-05/12/81	14	8.4	8.016	8.7	7.1	0.245	0.495	7.6	8.2	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-05/12/81	14	0.004	0.01	0.079	0.002	0.	0.02	0.002	0.003	0.006	0.044
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/12/81	16	280.5	291.313	399.	240.	2189.963	46.797	251.2	260.	300.	399.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/12/81	10	292.5	293.8	319.	272.	267.511	16.356	272.8	280.	304.75	319.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	180	3.	12.194	660.	0.	2653.465	51.512	0.	0.	6.75	26.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	180	0.477	0.571	2.82	0.	0.31	0.557	0.	0.	0.828	1.424
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.725								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	170	0.	4.75	198.	0.	435.323	20.864	0.	0.	3.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	170	0.	0.245	2.297	-0.301	0.194	0.441	0.	0.	0.477	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.76								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	144	3.	5.576	51.	0.	83.7	9.149	0.	0.	6.	19.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	144	0.477	0.453	1.708	0.	0.256	0.506	0.	0.	0.778	1.289
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.836								

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

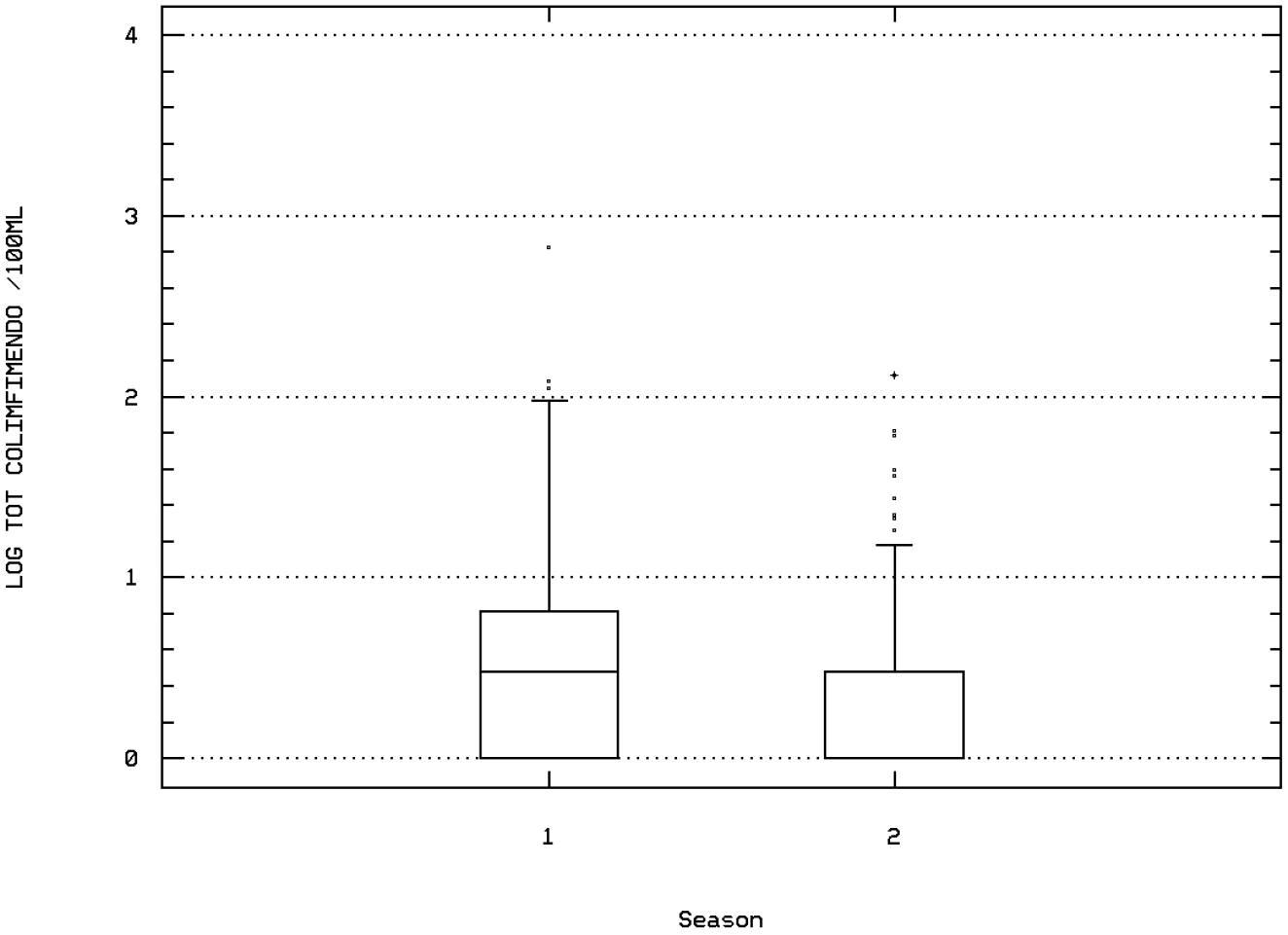
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-10/05/92	26	2.5	5.462	24.	1.	40.418	6.358	1.	1.	10.	16.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/18/76	16	42.35	43.869	58.	38.	41.918	6.474	38.21	38.3	45.75	55.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-05/12/81	9	1600.	1602.778	1650.	1575.	850.694	29.167	1575.	1575.	1625.	1650.
00300	OXYGEN, DISSOLVED MG/L	02/09/67-02/18/76	18	10.4	10.25	12.5	6.	3.206	1.791	6.9	9.45	11.35	12.5
00400	PH (STANDARD UNITS)	12/20/66-05/12/81	13	8.9	8.738	8.9	8.5	0.034	0.185	8.5	8.55	8.9	8.9
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-05/12/81	13	8.9	8.702	8.9	8.5	0.036	0.189	8.5	8.55	8.9	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-05/12/81	13	0.001	0.002	0.003	0.001	0.	0.001	0.001	0.001	0.003	0.003
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/12/81	9	267.	274.778	317.	222.	990.694	31.475	222.	251.	302.5	317.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/12/81	6	280.	266.5	300.	181.	1851.5	43.029	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-06/01/98	141	0.	4.794	130.	0.	201.875	14.208	0.	0.	3.	12.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-06/01/98	141	0.	0.313	2.114	-0.301	0.232	0.482	0.	0.	0.477	1.079
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.055								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	132	0.	0.852	48.	0.	19.255	4.388	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	132	0.	0.077	1.681	-0.301	0.058	0.241	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.193								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	108	0.	1.579	75.	0.	55.898	7.476	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	108	0.	0.133	1.875	-0.301	0.088	0.297	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.36								

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

Station: LAMR0041 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-HARBOR BAY

Station Inventory for Station: LAMR0042

NPS Station ID: LAMR0042 | LAT/LON: 35.679004/-101.629003 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: LAKE MEREDITH-SW OF BLUE WEST | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_TPWD_09
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 2915 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED SW OF THE BLUE WEST AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/83-10/23/96	33	16.	16.691	27.	4.4	33.001	5.745	10.1	12.85	20.5	25.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/83-10/23/96	31	19.	18.626	32.7	2.2	62.593	7.912	6.4	15.	25.	28.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	24	0.76	0.957	3.05	0.36	0.424	0.651	0.39	0.502	1.173	1.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-09/30/96	4	1900.	1893.75	2100.	1675.	36822.917	191.893	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/83-10/23/96	32	8.05	8.219	11.	5.	2.122	1.457	6.	7.825	9.225	10.44

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

EPA Water Quality Criteria Analysis for Station: LAMR0042

				Total	Exceed	Prop.	4/15-10/31			11/01-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	32	0	0.00	29	0	0.00	3	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/83-10/23/96	30	16.1	17.647	27.	9.5	25.203	5.02	11.	14.175	21.25	25.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/83-10/23/96	28	19.7	19.9	32.7	6.	48.341	6.953	9.8	15.	25.75	28.13
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	21	0.76	0.93	3.05	0.36	0.429	0.655	0.418	0.505	0.98	2.044
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/83-10/23/96	29	8.1	8.172	11.	5.	2.23	1.493	6.	7.6	9.15	10.5

** - 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 4/14 - Station LAMR0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/83-10/23/96	3	6.	7.133	11.	4.4	11.853	3.443	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/83-10/23/96	3	3.	6.733	15.	2.2	51.413	7.17	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-10/23/96	3	1.23	1.147	1.83	0.38	0.531	0.729	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/14/83-10/23/96	3	8.	8.667	10.	8.	1.333	1.155	**	**	**	**

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

Station Inventory for Station: LAMR0043

NPS Station ID: LAMR0043
LAT/LON: 35.687365/-101.630143
Agency: 11NPSWRD
Date Created: 06/20/98
Location: LAKE MEREDITH-BLUE WEST
FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): LAMR_CRMWA_17
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2915
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON THE WEST BANK OF BIG BLUE CANYON IN THE LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	53	1.	8.698	170.	0.	683.407	26.142	0.	0.	4.5	20.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	53	0.	0.418	2.23	0.	0.315	0.561	0.	0.	0.651	1.298
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.616								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-05/12/73	30	0.	0.733	20.	0.	13.375	3.657	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-05/12/73	30	0.	0.053	1.301	0.	0.059	0.242	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.131								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-05/12/73	4	0.	3.	12.	0.	36.	6.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-05/12/73	4	0.	0.27	1.079	0.	0.291	0.54	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.861								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-03/17/69	2	94.	94.	110.	78.	512.	22.627	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-03/17/69	2	1.967	1.967	2.041	1.892	0.011	0.106	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			92.628								

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

EPA Water Quality Criteria Analysis for Station: LAMR0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	53	0	0.00	29	0	0.00	24	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	30	0	0.00	16	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

Annual Analysis for 1966 - Station LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	2	9.5	9.5	17.	2.	112.5	10.607	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	2	0.766	0.766	1.23	0.301	0.432	0.657	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.831								

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

Annual Analysis for 1967 - Station LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	9	5.	35.333	170.	0.	3313.	57.559	0.	0.	64.	170.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	9	0.699	0.881	2.23	0.	0.783	0.885	0.	0.	1.794	2.23
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.61								

** - Less than 9 observations ## - Computed 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 1968 - Station LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	11	4.	5.636	23.	0.	45.055	6.712	0.	2.	9.	20.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	11	0.602	0.56	1.362	0.	0.188	0.434	0.	0.301	0.954	1.298
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.633								

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

Annual Analysis for 1969 - Station LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	11	0.	1.091	8.	0.	6.691	2.587	0.	0.	0.	7.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	11	0.	0.137	0.903	0.	0.097	0.312	0.	0.	0.	0.843
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.37								

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

Annual Analysis for 1970 - Station LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	12	0.5	3.083	22.	0.	38.447	6.201	0.	0.	4.	16.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	12	0.	0.287	1.342	0.	0.181	0.425	0.	0.	0.602	1.12
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.939								

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

Annual Analysis for 1971 - Station LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	7	0.	1.857	9.	0.	12.143	3.485	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	7	0.	0.222	0.954	0.	0.155	0.393	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.669								

** - 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

Annual Analysis for 1973 - Station LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	29	2.	14.793	170.	0.	1181.741	34.376	0.	0.	12.	49.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	29	0.301	0.597	2.23	0.	0.455	0.675	0.	0.	1.078	1.69
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.956								

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/17/66-05/12/73	24	0.	1.333	4.	0.	3.014	1.736	0.	0.	3.5	4.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/17/66-05/12/73	24	0.	0.201	0.602	0.	0.068	0.261	0.	0.	0.527	0.602
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.587								

** - Less than 9 observations ## - Computed 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: LAMR0044

NPS Station ID: LAMR0044 LAT/LON: 35.648892/-101.632726 Agency: 11NPSWRD Date Created: 07/25/98
Location: Lake Meredith Reservoir Near Harbor Bay FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): LAMR_IMS24-6 /IMS24-6
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS Elevation: 0 Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT ECO Region:
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
The station is located on the Evans Canyon TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Water Quality Board. Sediment analyzed for toxics. Sample taken from center of Lake Meredith near Harbor Bay." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	1	510.	510.	510.	510.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	1	57.	57.	57.	57.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

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

Station Inventory for Station: LAMR0045

NPS Station ID: LAMR0045 | LAT/LON: 35.671003/-101.646004 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: LAKE MEREDITH-BASS BOAT | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_TPWD_10
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 2915 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE BASS BOAT AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-04/15/96	29	16.	16.072	24.	4.4	26.985	5.195	10.	12.85	20.85	23.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-04/15/96	27	19.	17.959	32.2	2.2	73.439	8.57	5.4	10.	25.	29.44
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-04/15/96	21	0.96	1.045	3.05	0.36	0.365	0.604	0.46	0.64	1.225	1.804
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/13/86-10/11/93	2	1887.5	1887.5	2100.	1675.	90312.5	300.52	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-04/15/96	28	8.1	8.529	10.5	6.7	0.986	0.993	7.61	8.	9.275	10.14

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

EPA Water Quality Criteria Analysis for Station: LAMR0045

				Total	Exceed	Prop.	4/15-10/31			11/01-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	28	0	0.00	25	0	0.00	3	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-04/15/96	26	16.1	17.027	24.	10.	19.39	4.403	11.	13.375	21.775	23.65
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-04/15/96	24	19.2	19.571	32.2	6.	57.027	7.552	7.	15.	25.75	29.65
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-04/15/96	18	0.85	0.996	3.05	0.36	0.388	0.623	0.441	0.578	1.205	1.835
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-04/15/96	25	8.1	8.512	10.5	6.7	0.995	0.998	7.34	8.	9.25	10.26

** - 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 4/14 - Station LAMR0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/84-04/15/96	3	6.	7.8	13.	4.4	20.92	4.574	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/84-04/15/96	3	3.	5.067	10.	2.2	18.413	4.291	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/21/85-04/15/96	3	1.23	1.343	1.83	0.97	0.195	0.441	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/84-04/15/96	3	8.	8.667	10.	8.	1.333	1.155	**	**	**	**

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

Station Inventory for Station: LAMR0046

NPS Station ID: LAMR0046 | LAT/LON: 35.592059/-101.650476 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LAKE MEREDITH-SOUTH TURKEY CREEK | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_24 /10046
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALIBATES RANCH TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE SOUTH TURKEY CREEK AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10046) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-05/20/97	66	1.	3.697	29.	0.	47.014	6.857	1.	1.	2.	11.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-12/05/74	6	23.75	19.417	26.1	8.9	66.51	8.155	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/17/69-12/05/74	26	76.	67.735	82.4	34.	227.734	15.091	41.4	56.5	78.8	80.3
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	9	86.7	86.767	89.9	83.	7.09	2.663	83.	83.85	89.2	89.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/17/69-08/06/74	7	65.	56.143	84.	1.	793.476	28.169	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/70-09/23/80	12	1830.	1888.25	2384.	1650.	67554.205	259.912	1650.	1700.	2004.25	2381.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/05/74	3	2057.	2069.333	2160.	1991.	7254.333	85.172	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/17/67-12/05/74	35	7.5	7.523	13.	0.	5.611	2.369	4.84	6.1	9.	10.72
00310	BOD, 5 DAY, 20 DEG C MG/L	04/17/67-03/17/69	9	3.5	8.567	55.	0.6	305.453	17.477	0.6	1.25	4.5	55.
00400	PH (STANDARD UNITS)	03/17/69-09/23/80	16	8.3	8.277	8.65	7.2	0.129	0.359	7.62	8.2	8.5	8.65
00400	CONVERTED PH (STANDARD UNITS)	03/17/69-09/23/80	16	8.3	8.057	8.65	7.2	0.18	0.425	7.62	8.2	8.5	8.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/17/69-09/23/80	16	0.005	0.009	0.063	0.002	0.	0.015	0.002	0.003	0.006	0.03
00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/05/74	3	8.4	8.367	8.4	8.3	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-12/05/74	3	8.4	8.364	8.4	8.3	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-12/05/74	3	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-09/23/80	6	177.5	178.333	187.	171.	33.467	5.785	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/02/70-09/23/80	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/02/70-09/23/80	4	221.	219.5	228.	208.	70.333	8.386	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/02/70-09/23/80	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/70-09/23/80	7	1040.	693.714	1340.	11.	412163.571	642.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-12/05/74	3	5.	6.333	11.	3.	17.333	4.163	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-12/05/74	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-12/05/74	3 ##	0.015	0.023	0.04	0.015	0.	0.014	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/17/69-12/05/74	8	0.135	0.113	0.2	0.	0.008	0.091	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-12/05/74	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-12/05/74	3	0.01	0.017	0.03	0.01	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-12/05/74	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-12/05/74	3	7.	7.333	11.	4.	12.333	3.512	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/02/70-09/23/80	6	251.5	265.	321.	240.	1046.4	32.348	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/02/70-09/23/80	4	64.	67.75	83.	60.	112.917	10.626	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/02/70-09/23/80	4	26.5	26.25	28.	24.	4.25	2.062	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/02/70-09/23/80	4	289.5	291.	343.	242.	2103.333	45.862	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/23/80-09/23/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/68-09/23/80	17	275.	279.882	378.	225.	1478.36	38.449	237.	254.5	296.5	349.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-12/05/74	3	295.	293.333	295.	290.	8.333	2.887	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/69-09/23/80	12	290.5	275.833	313.	220.	1115.424	33.398	220.	243.5	300.75	309.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/02/70-09/23/80	4	0.9	0.875	0.9	0.8	0.002	0.05	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/02/70-06/02/70	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/02/70-10/11/71	3 ##	0.	8.333	25.	0.	208.333	14.434	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	308	3.	14.7	480.	0.	2063.329	45.424	0.	0.	9.	33.3
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	308	0.477	0.586	2.681	-0.301	0.39	0.624	0.	0.	0.954	1.522
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.859								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	298	0.	6.542	424.	0.	882.374	29.705	0.	0.	3.	12.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	298	0.	0.31	2.627	-0.301	0.255	0.505	0.	0.	0.477	1.079
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.042								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	257	3.	15.123	861.	0.	3850.877	62.055	0.	0.	9.	24.6
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	257	0.477	0.57	2.935	-0.301	0.387	0.622	0.	0.	0.954	1.39
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.716								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	03/17/69-12/05/78	2	46.5	46.5	90.	3.	3784.5	61.518	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	03/17/69-12/05/78	2	1.216	1.216	1.954	0.477	1.091	1.044	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			16.432								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-12/05/74	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/02/70-09/23/80	4 ##	0.2	0.275	0.6	0.1	0.049	0.222	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	1	82.18	82.18	82.18	82.18	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: LAMR0046

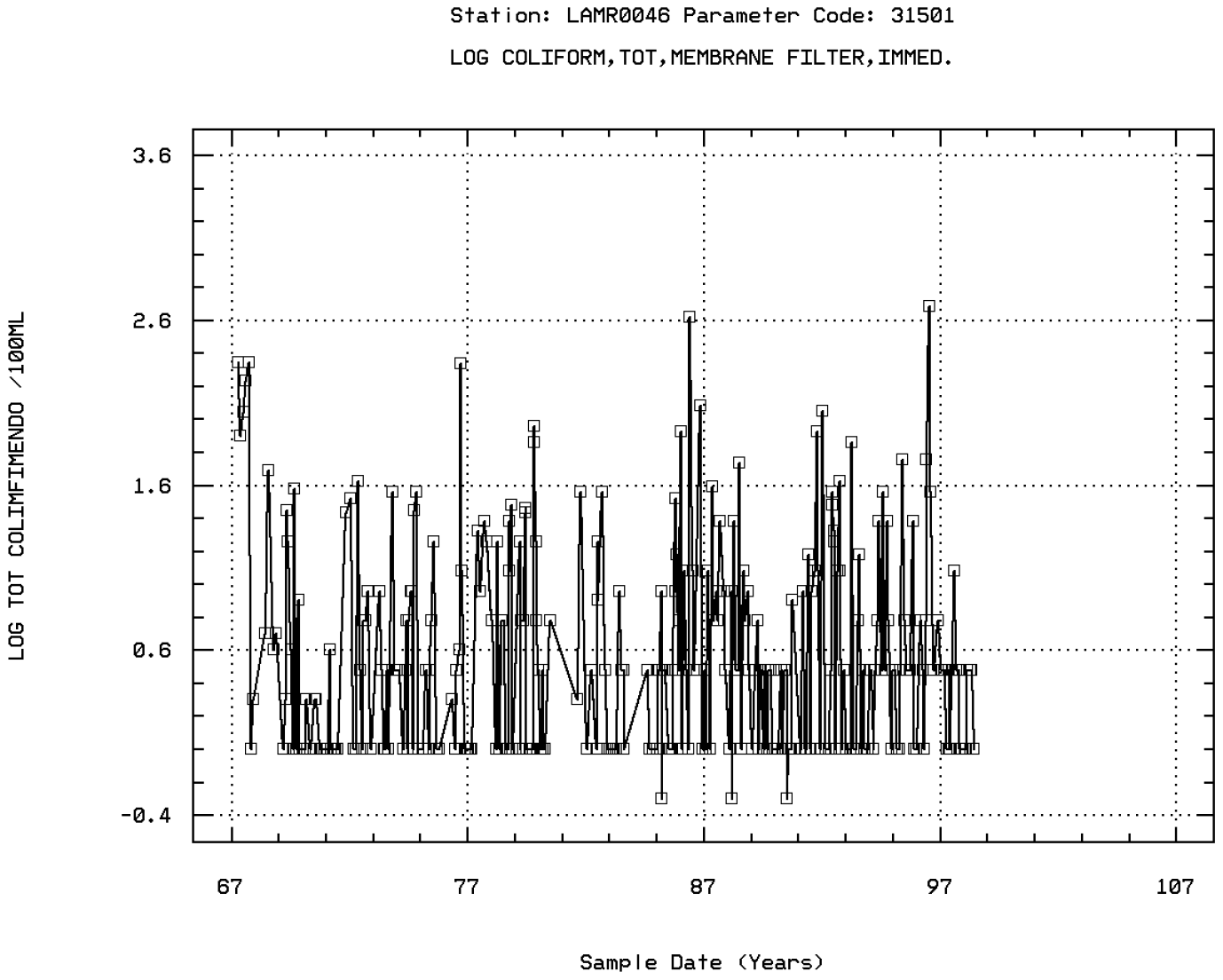
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	5	0.71	6	4	0.67	1	1	1.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	35	1	0.03	28	1	0.04	7	0	0.00						
00400	PH	Fresh Chronic	9.	16	0	0.00	11	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	16	0	0.00	11	0	0.00	5	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL 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.	17	0	0.00	12	0	0.00	5	0	0.00						
		Drinking Water	250.	17	14	0.82	12	10	0.83	5	4	0.80						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	250.	3	3	1.00	2	2	1.00	1	1	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	9	0.75	8	5	0.63	4	4	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	308	0	0.00	176	0	0.00	132	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	298	1	0.00	171	1	0.01	127	0	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: LAMR0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	4	0	0.00	2	0	0.00	2	0	0.00						

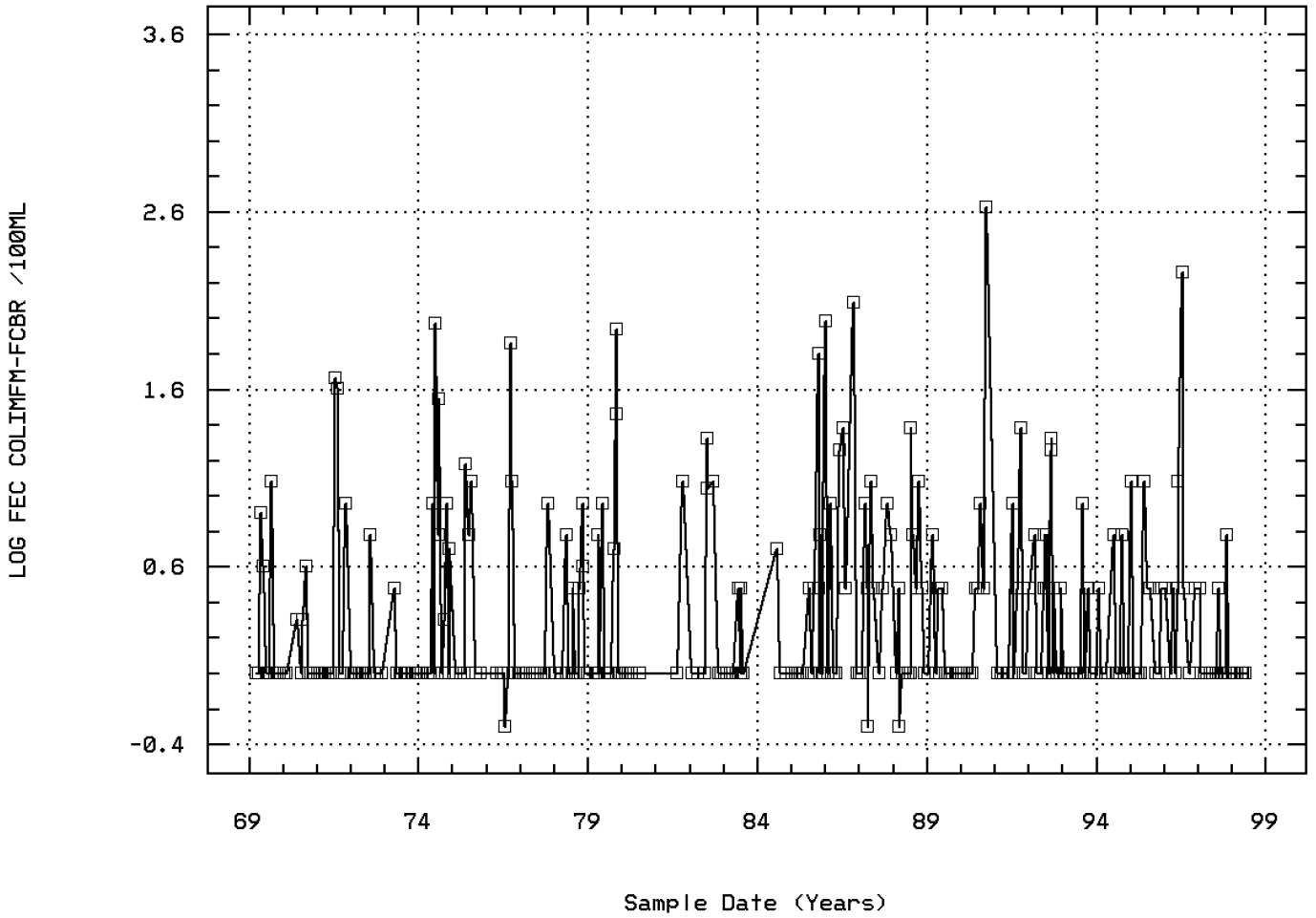
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



LAKE MEREDITH-SOUTH TURKEY CREEK

Station: LAMR0046 Parameter Code: 31616

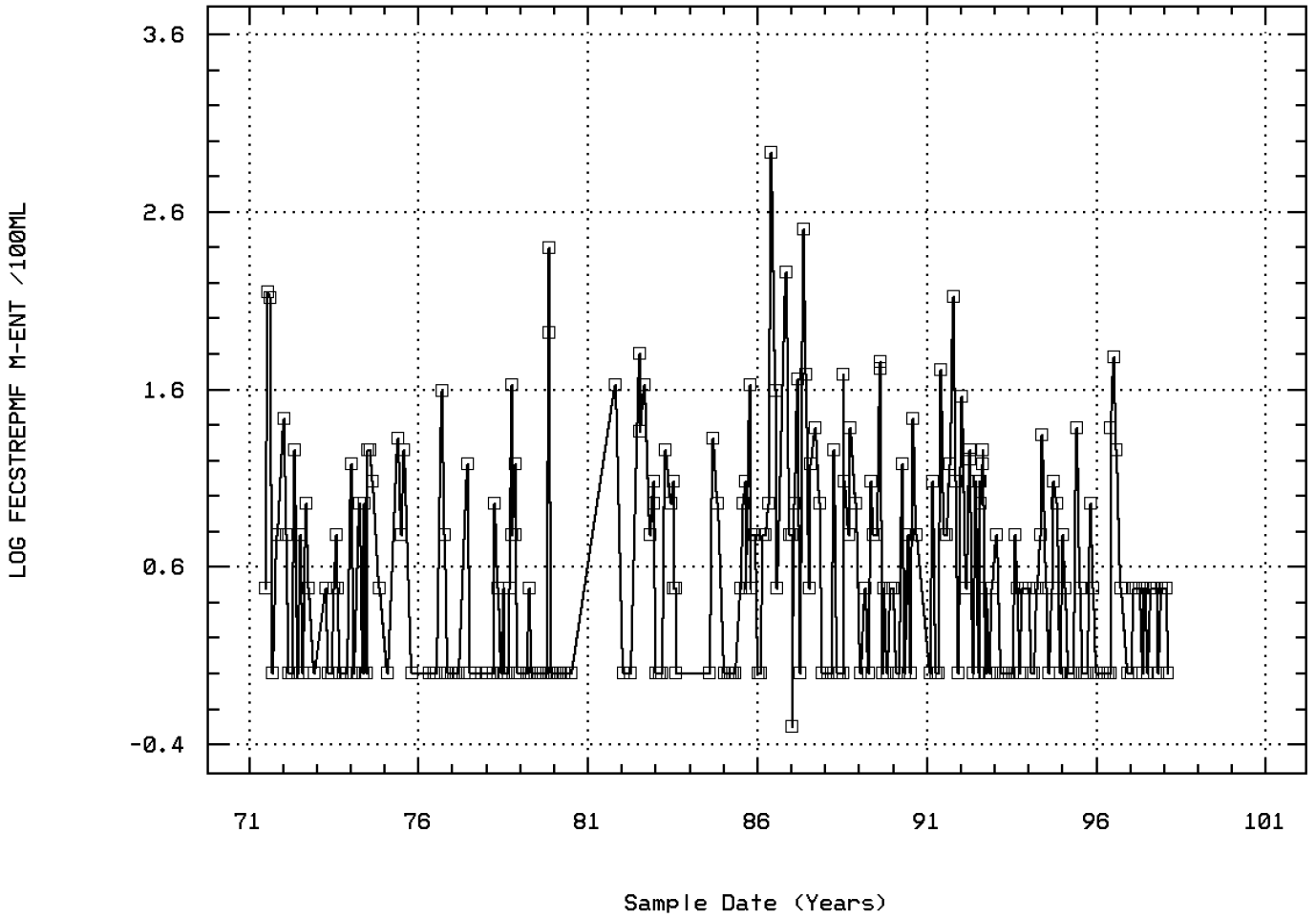
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-SOUTH TURKEY CREEK

Station: LAMR0046 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-SOUTH TURKEY CREEK

Annual Analysis for 1967 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	7	110.	114.429	220.	0.	8731.286	93.441	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	7	2.041	1.594	2.342	0.	1.005	1.003	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			39.23								

** - 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 box-and-whisker plot

Annual Analysis for 1968 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	4	5.	15.75	49.	4.	491.583	22.172	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	4	0.699	0.923	1.69	0.602	0.264	0.514	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.367								

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

Annual Analysis for 1969 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	10	3.	9.9	38.	0.	184.1	13.568	0.	0.	20.5	37.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	10	0.452	0.609	1.58	0.	0.414	0.644	0.	0.	1.303	1.567
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.063								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	10	0.5	2.6	12.	0.	17.6	4.195	0.	0.	5.	11.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	10	0.	0.258	1.079	0.	0.186	0.431	0.	0.	0.677	1.062
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.813								

** - 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 1970 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	12	1.	3.	10.	0.	18.545	4.306	0.	0.	8.	10.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	12	0.151	0.325	1.	0.	0.182	0.427	0.	0.	0.825	1.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.115								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	0.	0.889	4.	0.	2.111	1.453	0.	0.	2.	4.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	0.	0.134	0.602	0.	0.048	0.219	0.	0.	0.301	0.602
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.361								

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Annual Analysis for 1971 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	8	0.	4.	27.	0.	88.286	9.396	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	8	0.	0.254	1.431	0.	0.271	0.52	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.795								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	12	0.	7.917	46.	0.	276.811	16.638	0.	0.	6.75	44.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	12	0.	0.352	1.663	0.	0.433	0.658	0.	0.	0.716	1.645
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.247								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	6.	55.8	140.	0.	5244.2	72.417	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.778	1.103	2.146	0.	0.956	0.978	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			12.679								

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Annual Analysis for 1972 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	10	4.5	9.9	42.	0.	226.1	15.037	0.	0.	15.	41.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	10	0.628	0.613	1.623	0.	0.393	0.627	0.	0.	1.095	1.613
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.102								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	0.545	6.	0.	3.273	1.809	0.	0.	0.	4.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	0.071	0.778	0.	0.055	0.235	0.	0.	0.	0.623
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.177								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	6.273	27.	0.	78.218	8.844	0.	0.	9.	25.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.516	1.431	0.	0.305	0.552	0.	0.	0.954	1.396
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.28								

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Annual Analysis for 1973 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	8	3.	6.75	36.	0.	148.5	12.186	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	8	0.477	0.493	1.556	0.	0.296	0.544	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.11								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.13								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.667	6.	0.	4.75	2.179	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.246	0.778	0.	0.093	0.305	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.76								

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Annual Analysis for 1974 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	13	3.	7.923	36.	0.	127.077	11.273	0.	0.	9.	32.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	13	0.477	0.608	1.556	0.	0.286	0.535	0.	0.	0.954	1.513
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.052								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	14	1.	11.357	93.	0.	638.093	25.261	0.	0.	9.	64.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	14	0.151	0.514	1.968	0.	0.428	0.654	0.	0.	0.954	1.756
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.268								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	9.	8.4	18.	0.	53.6	7.321	0.	0.	15.75	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.954	0.715	1.255	0.	0.293	0.541	0.	0.	1.196	1.255
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.19								

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Annual Analysis for 1975 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	8	1.5	3.75	18.	0.	37.929	6.159	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	8	0.239	0.373	1.255	0.	0.217	0.466	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.363								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	8	0.	4.125	15.	0.	38.411	6.198	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	8	0.	0.379	1.176	0.	0.286	0.535	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.394								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	6.	9.	21.	0.	99.	9.95	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.778	0.671	1.322	0.	0.419	0.648	**	**	**	**

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Annual Analysis for 1975 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.69								

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Annual Analysis for 1976 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	9	3.	26.667	216.	0.	5054.75	71.097	0.	0.	8.	216.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	9	0.477	0.586	2.334	0.	0.554	0.745	0.	0.	0.841	2.334
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.852								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	0.	9.389	72.	0.	566.861	23.809	0.	0.	6.25	72.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	0.	0.293	1.857	-0.301	0.492	0.701	0.	0.	0.389	1.857
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.963								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	5.625	39.	0.	186.268	13.648	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.296	1.591	0.	0.348	0.59	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.978								

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Annual Analysis for 1977 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	7	9.	10.286	24.	0.	113.571	10.657	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	7	0.954	0.702	1.38	0.	0.449	0.67	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.032								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	8	0.	1.125	9.	0.	10.125	3.182	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	8	0.	0.119	0.954	0.	0.114	0.337	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.316								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	2.5	15.	0.	37.5	6.124	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.196	1.176	0.	0.231	0.48	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.57								

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Annual Analysis for 1978 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	12	6.	8.5	30.	0.	107.727	10.379	0.	0.	16.5	28.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	12	0.778	0.627	1.477	0.	0.357	0.597	0.	0.	1.211	1.448
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.238								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	13	0.	1.923	9.	0.	8.577	2.929	0.	0.	3.5	7.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	13	0.	0.253	0.954	0.	0.125	0.354	0.	0.	0.54	0.884
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.791								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	14	3.	6.214	42.	0.	125.258	11.192	0.	0.	6.75	28.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	14	0.477	0.482	1.623	0.	0.275	0.525	0.	0.	0.822	1.4
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.031								

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Annual Analysis for 1979 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	14	6.	19.429	90.	0.	794.264	28.183	0.	0.	27.5	81.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	14	0.778	0.825	1.954	0.	0.53	0.728	0.	0.	1.439	1.906
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.684								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	12	0.	11.333	87.	0.	637.333	25.245	0.	0.	8.25	69.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	12	0.	0.486	1.94	0.	0.461	0.679	0.	0.	0.91	1.796
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.063								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	33.5	249.	0.	6408.5	80.053	0.	0.	23.	232.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.479	2.396	0.	0.817	0.904	0.	0.	0.838	2.348
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.015								

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Annual Analysis for 1980 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	6	1.5	2.	6.	0.	6.	2.449	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	6	0.239	0.289	0.778	0.	0.112	0.335	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.944								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	2	19.	19.	36.	2.	578.	24.042	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	2	0.929	0.929	1.556	0.301	0.788	0.888	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.485								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	2	6.	6.	12.	0.	72.	8.485	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	2	0.54	0.54	1.079	0.	0.582	0.763	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.464								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	1	42.	42.	42.	42.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	1	1.623	1.623	1.623	1.623	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			42.								

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

Annual Analysis for 1982 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	8	3.	8.5	36.	0.	160.571	12.672	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	8	0.477	0.584	1.556	0.	0.363	0.603	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.834								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	8	0.	5.5	21.	0.	66.286	8.142	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	8	0.	0.43	1.322	0.	0.359	0.599	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.694								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	10.5	19.375	63.	0.	502.839	22.424	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	1.017	0.949	1.799	0.	0.456	0.676	**	**	**	**

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Annual Analysis for 1982 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.902								

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Annual Analysis for 1983 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	8	0.	1.875	9.	0.	10.125	3.182	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	8	0.	0.239	0.954	0.	0.13	0.361	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	0.	0.667	3.	0.	1.75	1.323	0.	0.	1.5	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	0.	0.106	0.477	0.	0.044	0.21	0.	0.	0.239	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.277								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	3.	5.	18.	0.	42.75	6.538	0.	0.	10.5	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.477	0.471	1.255	0.	0.263	0.513	0.	0.	1.017	1.255
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.961								

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Annual Analysis for 1984 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	3	0.	0.159	0.477	0.	0.076	0.275	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.442								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	3	0.	1.667	5.	0.	8.333	2.887	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	3	0.	0.233	0.699	0.	0.163	0.404	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.71								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	9.	10.	21.	0.	111.	10.536	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.954	0.759	1.322	0.	0.466	0.682	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.739								

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Annual Analysis for 1985 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	16	3.	5.656	33.	0.	70.291	8.384	0.	0.125	8.25	20.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	16	0.477	0.496	1.519	-0.301	0.242	0.492	0.	-0.075	0.91	1.279
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.136								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	14	0.	6.	63.	0.	274.154	16.558	0.	0.	3.75	34.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	14	0.	0.342	1.799	0.	0.269	0.518	0.	0.	0.552	1.289
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.198								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	13	3.	6.462	42.	0.	128.769	11.348	0.	0.	7.5	30.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	13	0.477	0.511	1.623	0.	0.267	0.517	0.	0.	0.866	1.406
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.244								

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Annual Analysis for 1986 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	10	7.5	64.8	414.	0.	16796.4	129.601	0.	0.	93.	384.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	10	0.778	0.973	2.617	0.	0.91	0.954	0.	0.	1.963	2.563
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.404								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	10	6.	27.3	123.	0.	1986.9	44.575	0.	0.	42.	120.3
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	10	0.716	0.814	2.09	0.	0.699	0.836	0.	0.	1.531	2.079
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.515								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	6.	111.	861.	0.	72470.	269.203	0.	2.25	74.25	792.9
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.778	1.055	2.935	0.	0.896	0.946	0.	0.358	1.757	2.867
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			11.343								

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Annual Analysis for 1987 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	11	6.	10.091	39.	0.	137.291	11.717	0.	3.	12.	36.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	11	0.778	0.77	1.591	0.	0.257	0.507	0.	0.477	1.079	1.549
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.888								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	3.	4.136	12.	0.	18.105	4.255	0.	0.	9.	11.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.477	0.445	1.079	-0.301	0.219	0.467	0.	0.	0.954	1.054
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.787								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	9.	39.542	315.	0.	7799.975	88.317	0.	1.125	39.75	234.9
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.954	0.938	2.498	-0.301	0.662	0.814	0.	-0.106	1.585	2.253
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.663								

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Annual Analysis for 1988 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	12	4.5	10.292	54.	0.	235.475	15.345	0.	1.125	11.25	45.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	12	0.628	0.667	1.732	-0.301	0.357	0.597	0.	-0.106	1.048	1.627
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.649								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	13	0.5	3.962	24.	0.	48.269	6.948	0.	0.	4.5	19.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	13	-0.301	0.336	1.38	-0.301	0.248	0.498	0.	0.	0.628	1.26
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.168								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	6.	10.636	48.	0.	222.055	14.901	0.	0.	18.	43.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.778	0.648	1.681	0.	0.437	0.661	0.	0.	1.255	1.621
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.447								

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Annual Analysis for 1989 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	11	3.	1.909	6.	0.	4.091	2.023	0.	0.	3.	5.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	11	0.477	0.288	0.778	0.	0.083	0.289	0.	0.	0.477	0.718
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.939								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	1.091	6.	0.	4.091	2.023	0.	0.	3.	5.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	0.157	0.778	0.	0.079	0.281	0.	0.	0.477	0.718
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.437								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	11.833	57.	0.	410.515	20.261	0.	0.	10.5	55.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.628	1.756	0.	0.395	0.629	0.	0.	1.004	1.744

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Annual Analysis for 1989 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.248								

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Annual Analysis for 1990 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	11	0.	1.591	8.	0.	6.341	2.518	0.	0.	3.	7.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	11	0.	0.185	0.903	-0.301	0.121	0.348	0.	0.	0.477	0.818
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.531								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	3.	49.111	424.	0.	19772.111	140.613	0.	0.	6.	424.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	9	0.477	0.557	2.627	0.	0.713	0.844	0.	0.	0.716	2.627
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.606								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	3.	6.333	27.	0.	84.25	9.179	0.	0.	10.5	27.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.477	0.516	1.431	0.	0.31	0.557	0.	0.	0.977	1.431
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.278								

** - Less than 9 observations ## - Computed 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 LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	11	9.	12.818	84.	0.	592.364	24.339	0.	0.	12.	70.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	11	0.954	0.652	1.924	0.	0.457	0.676	0.	0.	1.079	1.775
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.483								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	3.273	24.	0.	54.818	7.404	0.	0.	3.	21.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	0.256	1.38	0.	0.232	0.482	0.	0.	0.477	1.295
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.801								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	6.	21.273	132.	0.	1563.218	39.538	0.	0.	15.	115.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.778	0.793	2.121	0.	0.543	0.737	0.	0.	1.176	2.038
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.203								

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Annual Analysis for 1992 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	14	12.	20.571	111.	0.	879.033	29.648	0.	0.	31.5	76.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	14	1.079	0.885	2.045	0.	0.505	0.71	0.	0.	1.497	1.834
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.676								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	17	3.	4.412	21.	0.	37.257	6.104	0.	0.	6.	18.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	17	0.477	0.457	1.322	0.	0.184	0.429	0.	0.	0.778	1.269
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.866								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	16	10.5	9.813	36.	0.	94.963	9.745	0.	0.75	15.75	23.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	16	1.017	0.754	1.556	0.	0.293	0.541	0.	0.119	1.197	1.346
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.681								

** - Less than 9 observations ## - Computed 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 LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	11	0.	8.727	72.	0.	461.618	21.485	0.	0.	6.	60.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	11	0.	0.39	1.857	0.	0.399	0.632	0.	0.	0.778	1.721
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.454								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	1.091	9.	0.	7.691	2.773	0.	0.	0.	7.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	0.13	0.954	0.	0.095	0.309	0.	0.	0.	0.859
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.349								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.909	6.	0.	5.891	2.427	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.272	0.778	0.	0.108	0.329	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.869								

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Annual Analysis for 1994 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	12	3.	9.25	36.	0.	139.841	11.825	0.	3.	19.5	32.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	12	0.477	0.688	1.556	0.	0.263	0.513	0.	0.477	1.23	1.503
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.878								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	10	0.	1.5	6.	0.	6.5	2.55	0.	0.	3.75	6.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	10	0.	0.203	0.778	0.	0.114	0.338	0.	0.	0.552	0.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.597								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	5.083	22.	0.	42.811	6.543	0.	0.	8.25	19.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.505	1.342	0.	0.212	0.46	0.	0.	0.91	1.263
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.2								

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Annual Analysis for 1995 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	11	3.	9.273	57.	0.	296.018	17.205	0.	0.	6.	50.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	11	0.477	0.573	1.756	0.	0.312	0.559	0.	0.	0.778	1.681
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.739								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	3.	12.	0.	21.6	4.648	0.	0.	3.	12.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	11	0.	0.326	1.079	0.	0.184	0.429	0.	0.	0.477	1.079
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.12								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	4.364	24.	0.	51.055	7.145	0.	0.	6.	21.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.413	1.38	0.	0.223	0.472	0.	0.	0.778	1.295
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.589								

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Annual Analysis for 1996 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	10	6.	59.7	480.	0.	22158.9	148.859	0.	2.25	41.25	437.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	10	0.778	0.928	2.681	0.	0.706	0.84	0.	0.358	1.606	2.589
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.476								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	10	3.	20.7	180.	0.	3144.9	56.079	0.	0.	5.25	163.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	10	0.477	0.572	2.255	0.	0.457	0.676	0.	0.	0.628	2.138
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.733								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	10.5	60.	0.	378.5	19.455	0.	0.	19.5	56.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.489	1.778	0.	0.498	0.705	0.	0.	1.287	1.738

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Annual Analysis for 1996 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.084								

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Annual Analysis for 1997 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	13	3.	2.538	12.	0.	10.269	3.205	0.	0.	3.	8.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	13	0.477	0.34	1.079	0.	0.105	0.324	0.	0.	0.477	0.838
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.187								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	12	0.	1.	6.	0.	3.818	1.954	0.	0.	2.25	5.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	12	0.	0.144	0.778	0.	0.074	0.271	0.	0.	0.358	0.688
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.394								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	13	3.	2.077	3.	0.	2.077	1.441	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	13	0.477	0.33	0.477	0.	0.053	0.229	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.14								

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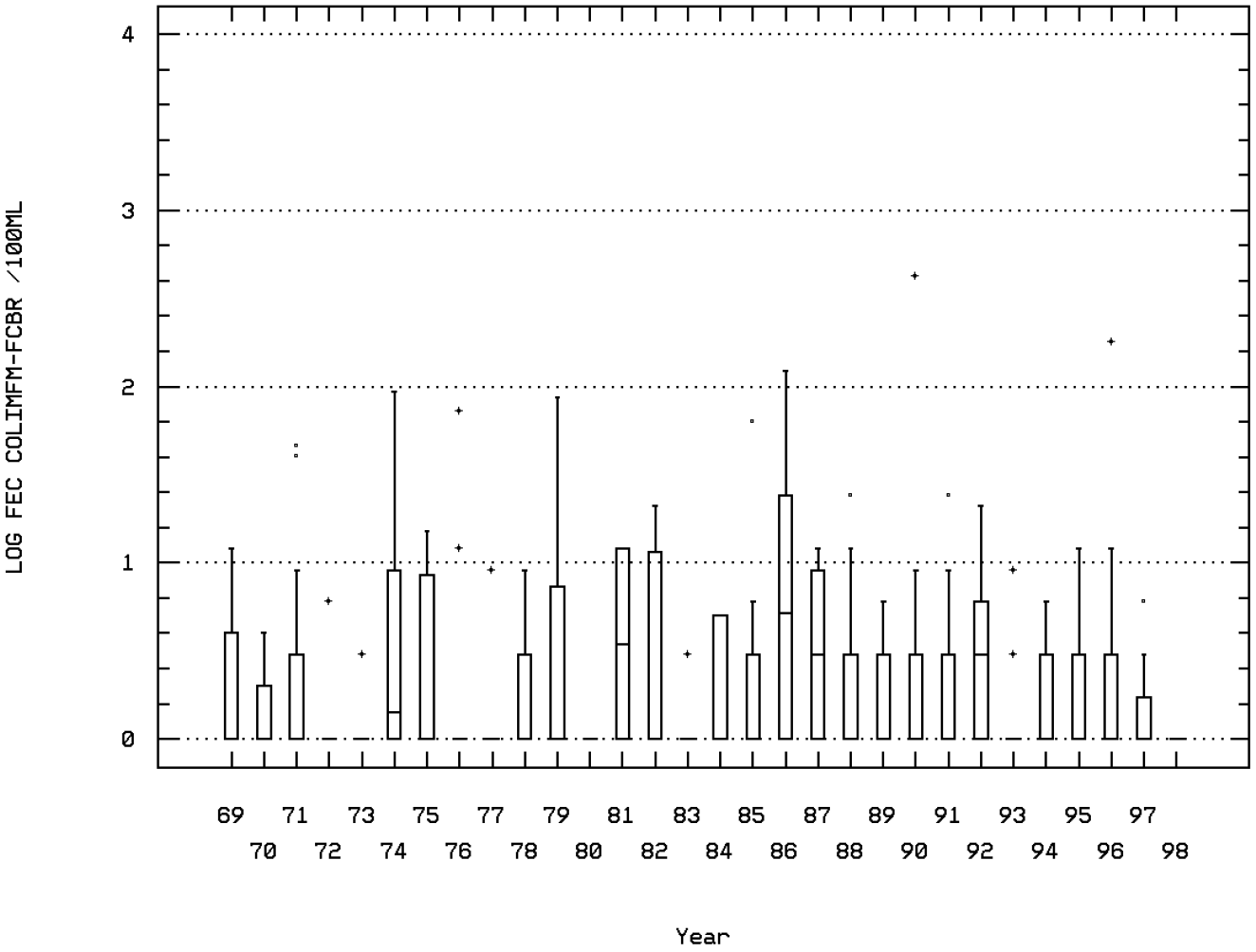
Annual Analysis for 1998 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	6	1.5	1.5	3.	0.	2.7	1.643	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	6	0.239	0.239	0.477	0.	0.068	0.261	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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Station: LAMR0046 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-SOUTH TURKEY CREEK

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-05/20/97	43	1.	4.93	29.	0.	67.305	8.204	1.	1.	4.	23.
00400	PH (STANDARD UNITS)	03/17/69-09/23/80	11	8.3	8.239	8.5	7.2	0.135	0.368	7.38	8.2	8.48	8.5
00400	CONVERTED PH (STANDARD UNITS)	03/17/69-09/23/80	11	8.3	7.998	8.5	7.2	0.199	0.447	7.38	8.2	8.48	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/17/69-09/23/80	11	0.005	0.01	0.063	0.003	0.	0.018	0.003	0.003	0.006	0.052
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/68-09/23/80	12	267.5	279.083	378.	240.	1416.811	37.641	242.4	257.	292.25	359.4
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	176	3.	19.588	480.	0.	3261.345	57.108	0.	0.	12.	36.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	176	0.477	0.699	2.681	-0.301	0.416	0.645	0.	0.	1.079	1.563
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.998								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	171	0.	8.535	424.	0.	1344.343	36.665	0.	0.	5.	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	171	0.	0.389	2.627	-0.301	0.291	0.54	0.	0.	0.699	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.45								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	148	3.	19.791	861.	0.	5971.459	77.275	0.	0.	14.25	42.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	148	0.477	0.674	2.935	0.	0.423	0.651	0.	0.	1.152	1.623
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.72								

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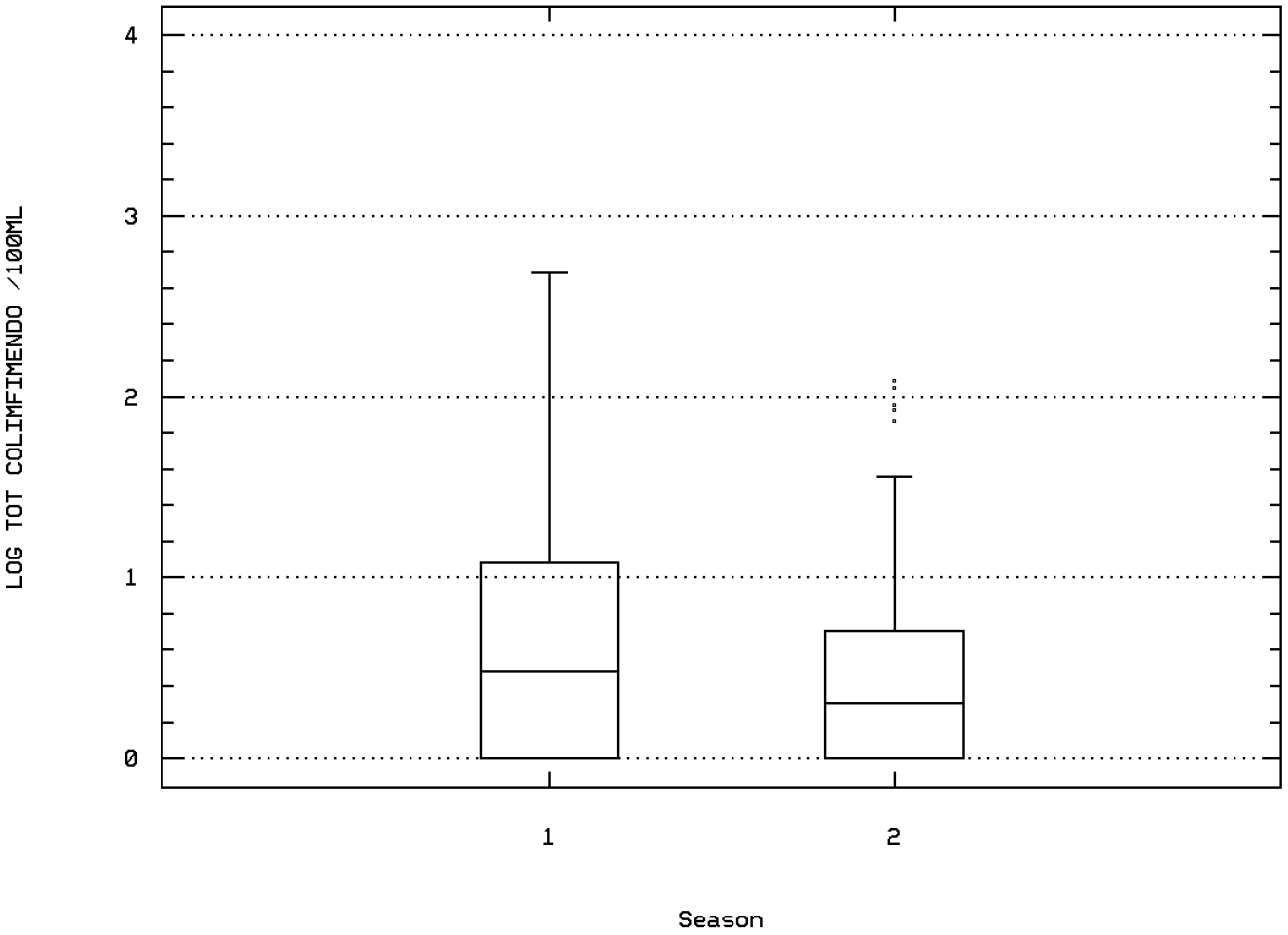
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/70-05/20/97	23	1.	1.391	7.	1.	1.885	1.373	1.	1.	1.	2.8
00400	PH (STANDARD UNITS)	03/17/69-09/23/80	5	8.5	8.36	8.65	7.8	0.132	0.363	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/17/69-09/23/80	5	8.5	8.225	8.65	7.8	0.155	0.393	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/17/69-09/23/80	5	0.003	0.006	0.016	0.002	0.	0.006	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/68-09/23/80	5	290.	281.8	342.	225.	2010.7	44.841	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/67-06/01/98	132	2.	8.182	120.	0.	403.764	20.094	0.	0.	5.75	22.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/67-06/01/98	132	0.301	0.437	2.079	-0.301	0.317	0.563	0.	0.	0.758	1.343
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.733								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	127	0.	3.858	123.	0.	253.436	15.92	0.	0.	1.	6.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/17/69-06/01/98	127	0.	0.204	2.09	-0.301	0.188	0.433	0.	0.	0.	0.813
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.598								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	109	0.	8.784	249.	0.	929.779	30.492	0.	0.	6.	15.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	109	0.	0.429	2.396	-0.301	0.306	0.553	0.	0.	0.778	1.176
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.686								

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Station: LAMR0046 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-SOUTH TURKEY CREEK

Station Inventory for Station: LAMR0047

NPS Station ID: LAMR0047 | LAT/LON: 35.628060/-101.652809 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LAKE MEREDITH-SHORT CREEK | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_20
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE SHORT CREEK AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/13/68-02/10/70	14	55.	56.286	80.	36.	267.758	16.363	38.	40.	71.25	79.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/18/69-07/15/69	6	43.	47.833	68.	36.	187.767	13.703	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/68-02/10/70	15	9.	8.487	12.	5.	3.21	1.792	5.6	7.3	9.	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/68-03/17/69	4	1.	1.125	2.	0.5	0.563	0.75	**	**	**	**
00400	PH (STANDARD UNITS)	02/18/69-10/11/71	8	8.4	8.375	8.5	8.2	0.011	0.104	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/18/69-10/11/71	8	8.4	8.364	8.5	8.2	0.011	0.104	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/69-10/11/71	8	0.004	0.004	0.006	0.003	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-10/11/71	2	182.	182.	182.	182.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/05/71-10/11/71	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-10/11/71	6	0.195	0.162	0.2	0.	0.006	0.08	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-10/11/71	2	240.	240.	240.	240.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/68-11/01/72	11	259.	260.545	280.	235.	178.873	13.374	238.	252.	269.	280.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/18/69-10/11/71	5	300.	292.	300.	280.	120.	10.954	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/11/71	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	283	2.	7.841	570.	0.	1255.028	35.426	0.	0.	6.	18.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	283	0.301	0.44	2.756	0.	0.277	0.526	0.	0.	0.778	1.255
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.753								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	277	0.	4.011	234.	0.	423.576	20.581	0.	0.	3.	9.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	277	0.	0.219	2.369	0.	0.182	0.426	0.	0.	0.477	0.954
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.655								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0047

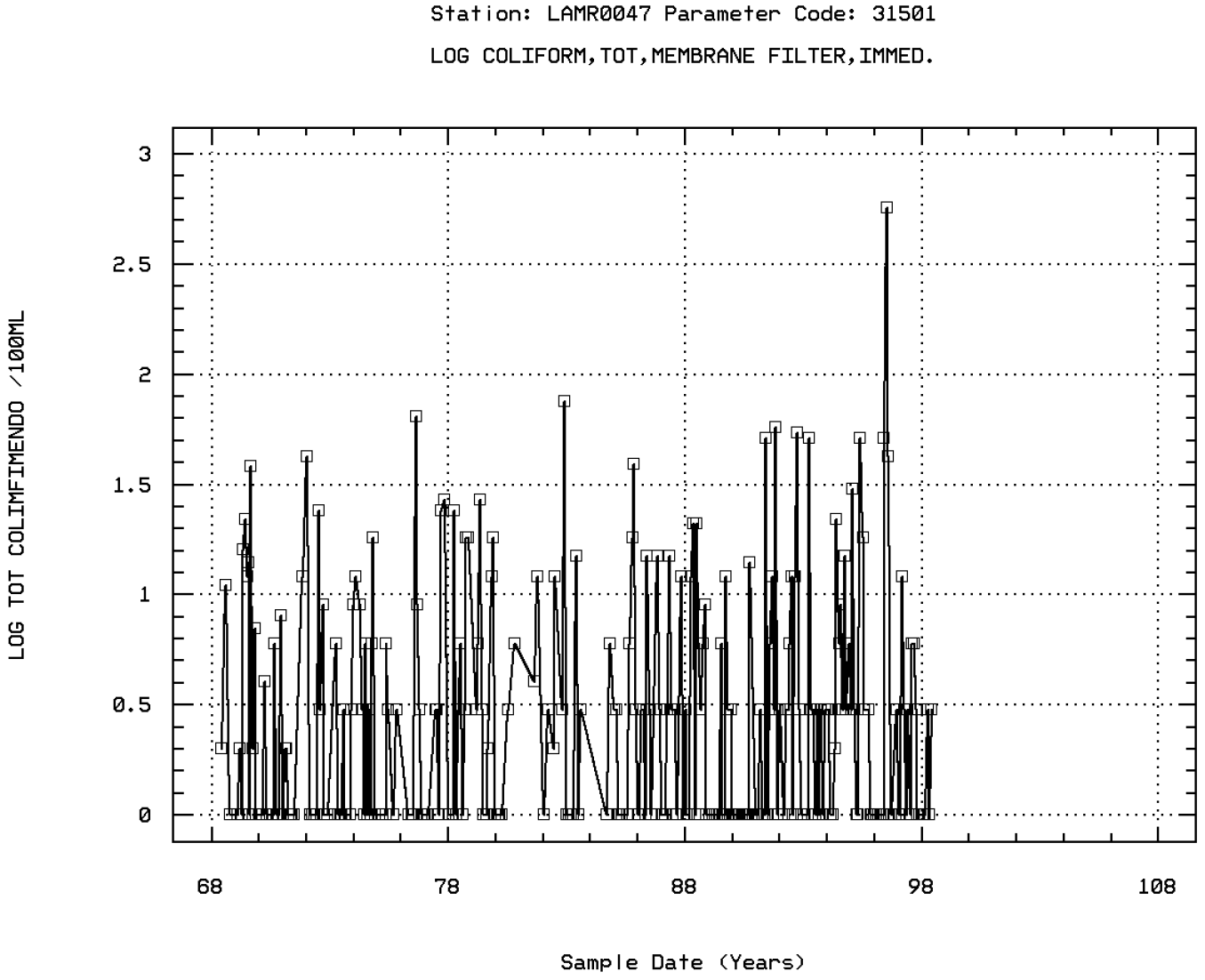
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	237	0.	4.418	75.	0.	88.304	9.397	0.	0.	3.	12.6
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	237	0.	0.354	1.875	0.	0.229	0.479	0.	0.	0.477	1.099
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.261								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	8.	7.667	12.	3.	20.333	4.509	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	0.903	0.82	1.079	0.477	0.096	0.31	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			6.604								

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

EPA Water Quality Criteria Analysis for Station: LAMR0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	2	0.33	4	2	0.50	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	9	0	0.00	6	0	0.00						
00400	PH	Fresh Chronic	9.	8	0	0.00	6	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	6	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	8	0	0.00	3	0	0.00						
		Drinking Water	250.	11	10	0.91	8	8	1.00	3	2	0.67						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	5	1.00	4	4	1.00	1	1	1.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	283	0	0.00	159	0	0.00	124	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	277	2	0.01	154	2	0.01	123	0	0.00						

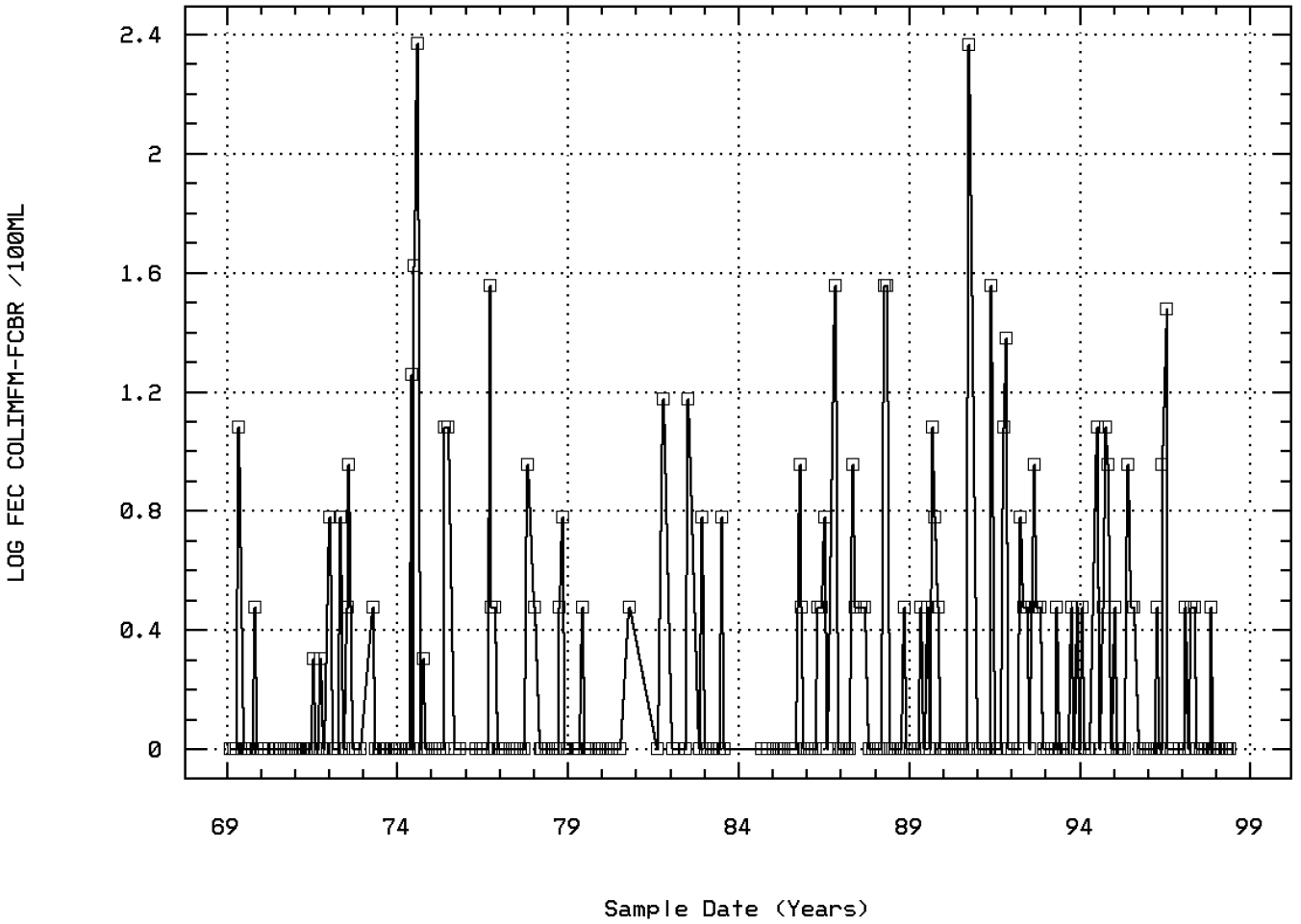
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



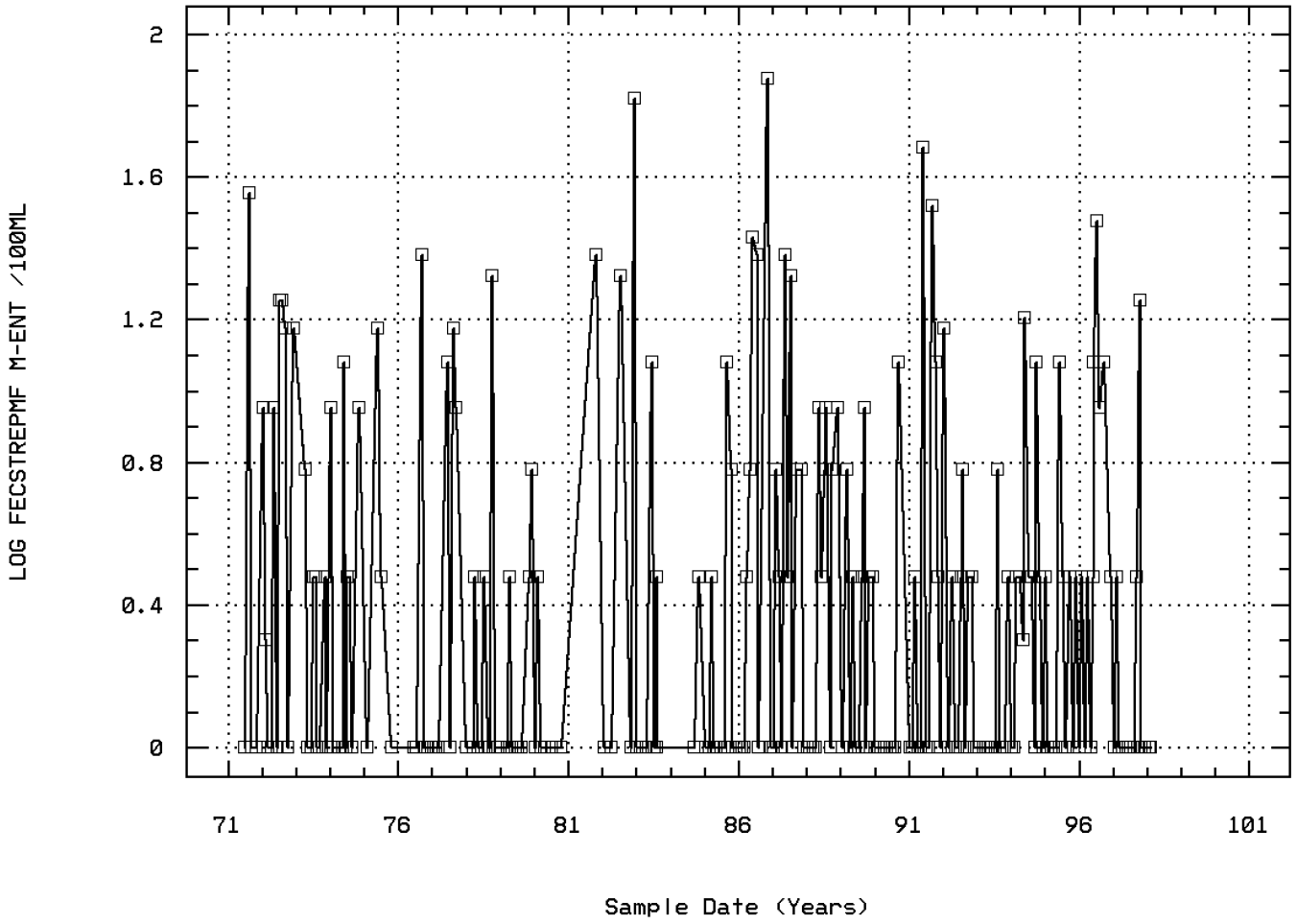
LAKE MEREDITH-SHORT CREEK

Station: LAMR0047 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-SHORT CREEK



LAKE MEREDITH-SHORT CREEK

Annual Analysis for 1968 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	3	2.	4.333	11.	0.	34.333	5.859	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	3	0.301	0.447	1.041	0.	0.287	0.536	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.802								

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

Annual Analysis for 1969 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	12	4.5	9.417	38.	0.	137.902	11.743	0.	0.	15.5	33.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	12	0.573	0.65	1.58	0.	0.368	0.607	0.	0.	1.19	1.509
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.466								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	1.364	12.	0.	13.255	3.641	0.	0.	0.	10.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	0.141	1.079	0.	0.117	0.342	0.	0.	0.	0.959
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.385								

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

Annual Analysis for 1970 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	12	0.	2.417	10.	0.	13.356	3.655	0.	0.	5.5	9.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	12	0.	0.274	1.	0.	0.171	0.414	0.	0.	0.734	0.971
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.878								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1971 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	8	0.	2.	12.	0.	17.143	4.14	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	8	0.	0.21	1.079	0.	0.142	0.377	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.622								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	0.333	2.	0.	0.606	0.778	0.	0.	0.	2.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	0.05	0.301	0.	0.014	0.117	0.	0.	0.	0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.122								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	9.2	36.	0.	243.2	15.595	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.511	1.556	0.	0.529	0.727	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.245								

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Annual Analysis for 1972 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	10	0.	7.8	42.	0.	202.4	14.227	0.	0.	12.75	40.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	10	0.	0.443	1.623	0.	0.412	0.642	0.	0.	1.061	1.599
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.776								

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Annual Analysis for 1972 - Station LAMR0047

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	02/18/69-06/01/98	11	0.	2.182	9.	0.	10.964	3.311	0.	0.	6.	8.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	0.272	0.954	0.	0.154	0.392	0.	0.	0.778	0.919
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.869								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	9.	7.818	18.	0.	59.164	7.692	0.	0.	15.	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.954	0.643	1.255	0.	0.328	0.573	0.	0.	1.176	1.255
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.395								

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Annual Analysis for 1973 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	9	0.	1.333	6.	0.	4.75	2.179	0.	0.	3.	6.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	9	0.	0.192	0.778	0.	0.091	0.302	0.	0.	0.477	0.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.558								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.13								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.667	6.	0.	4.75	2.179	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.246	0.778	0.	0.093	0.305	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.76								

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Annual Analysis for 1974 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	13	3.	5.308	18.	0.	30.231	5.498	0.	0.	9.	15.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	13	0.477	0.556	1.255	0.	0.203	0.45	0.	0.	0.954	1.185
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.599								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	24.667	234.	0.	4504.242	67.114	0.	0.	14.	176.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	0.462	2.369	0.	0.668	0.817	0.	0.	1.017	2.145
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.9								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	1.5	3.6	12.	0.	21.6	4.648	0.	0.	9.	11.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.239	0.394	1.079	0.	0.21	0.458	0.	0.	0.954	1.067
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.479								

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Annual Analysis for 1975 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	7	0.	1.714	6.	0.	5.571	2.36	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	7	0.	0.247	0.778	0.	0.105	0.325	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.768								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	7	0.	3.429	12.	0.	34.286	5.855	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	7	0.	0.308	1.079	0.	0.277	0.527	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.034								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	4	1.5	4.5	15.	0.	51.	7.141	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	4	0.239	0.413	1.176	0.	0.309	0.556	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.59								

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Annual Analysis for 1976 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	8	0.	9.5	64.	0.	494.857	22.245	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	8	0.	0.405	1.806	0.	0.441	0.664	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.539								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	8	0.	5.25	36.	0.	156.214	12.499	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	8	0.	0.314	1.556	0.	0.299	0.546	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.06								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	4.	24.	0.	96.	9.798	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.23	1.38	0.	0.317	0.563	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.698								

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Annual Analysis for 1977 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	8	1.5	7.125	27.	0.	130.982	11.445	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	8	0.239	0.471	1.431	0.	0.377	0.614	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.956								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	8	0.	1.125	9.	0.	10.125	3.182	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	8	0.	0.119	0.954	0.	0.114	0.337	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.316								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	5.143	15.	0.	44.143	6.644	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.459	1.176	0.	0.331	0.575	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.874								

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Annual Analysis for 1978 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	10	3.	7.2	24.	0.	84.4	9.187	0.	0.	18.	23.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	10	0.477	0.562	1.38	0.	0.328	0.573	0.	0.	1.255	1.368
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.65								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	1.091	6.	0.	4.091	2.023	0.	0.	3.	5.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	0.157	0.778	0.	0.079	0.281	0.	0.	0.477	0.718
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.437								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	2.455	21.	0.	39.273	6.267	0.	0.	3.	17.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.207	1.322	0.	0.173	0.416	0.	0.	0.477	1.153
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.61								

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Annual Analysis for 1979 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	9	3.	7.889	27.	0.	86.861	9.32	0.	1.	15.	27.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	9	0.477	0.644	1.431	0.	0.275	0.525	0.	0.151	1.167	1.431
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.409								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.13								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.5	6.	0.	5.143	2.268	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.217	0.778	0.	0.098	0.313	**	**	**	**

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Annual Analysis for 1979 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.646								

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Annual Analysis for 1980 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	6	0.	1.5	6.	0.	6.3	2.51	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	6	0.	0.209	0.778	0.	0.114	0.338	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.619								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	6	0.	0.5	3.	0.	1.5	1.225	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	6	0.	0.08	0.477	0.	0.038	0.195	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.201								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.5	3.	0.	1.5	1.225	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.08	0.477	0.	0.038	0.195	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.201								

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Annual Analysis for 1981 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	2	8.	8.	12.	4.	32.	5.657	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	2	0.841	0.841	1.079	0.602	0.114	0.337	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.928								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	2	7.5	7.5	15.	0.	112.5	10.607	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	2	0.588	0.588	1.176	0.	0.692	0.832	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.873								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			24.								

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Annual Analysis for 1982 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	6	3.	15.833	75.	0.	857.367	29.281	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	6	0.477	0.702	1.875	0.	0.455	0.674	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.03								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	6	0.	3.5	15.	0.	37.5	6.124	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	6	0.	0.326	1.176	0.	0.27	0.52	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.117								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	17.4	66.	0.	820.8	28.65	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.628	1.82	0.	0.771	0.878	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.25								

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Annual Analysis for 1983 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	8	0.	2.625	15.	0.	26.839	5.181	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	8	0.	0.266	1.176	0.	0.182	0.426	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.846								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	8	0.	0.75	6.	0.	4.5	2.121	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	8	0.	0.097	0.778	0.	0.076	0.275	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.251								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.875	12.	0.	17.839	4.224	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.195	1.079	0.	0.156	0.395	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.565								

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Annual Analysis for 1984 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	2	3.	3.	6.	0.	18.	4.243	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	2	0.389	0.389	0.778	0.	0.303	0.55	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.449								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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Annual Analysis for 1985 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	10	3.	7.2	39.	0.	154.4	12.426	0.	0.	9.	36.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	10	0.477	0.506	1.591	0.	0.315	0.562	0.	0.	0.897	1.557
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.203								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	10	0.	1.2	9.	0.	8.4	2.898	0.	0.	0.75	8.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	10	0.	0.143	0.954	0.	0.104	0.322	0.	0.	0.119	0.907
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.39								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	2.1	12.	0.	16.1	4.012	0.	0.	3.75	11.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.233	1.079	0.	0.161	0.402	0.	0.	0.552	1.049
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.712								

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Annual Analysis for 1986 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	10	3.	4.2	15.	0.	34.4	5.865	0.	0.	6.	15.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	10	0.477	0.426	1.176	0.	0.207	0.455	0.	0.	0.652	1.176
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.667								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	10	0.	4.8	36.	0.	124.4	11.153	0.	0.	3.75	33.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	10	0.	0.329	1.556	0.	0.267	0.517	0.	0.	0.552	1.478
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.132								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	1.5	13.5	75.	0.	572.5	23.927	0.	0.	24.75	70.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.239	0.594	1.875	0.	0.53	0.728	0.	0.	1.393	1.831

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Annual Analysis for 1986 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.928								

** - 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

Annual Analysis for 1987 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	11	3.	3.545	15.	0.	26.673	5.165	0.	0.	3.	14.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	11	0.477	0.379	1.176	0.	0.188	0.434	0.	0.	0.477	1.157
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.391								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	10	0.	1.8	9.	0.	8.4	2.898	0.	0.	3.	8.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	10	0.	0.239	0.954	0.	0.114	0.337	0.	0.	0.477	0.907
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.732								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	6.273	24.	0.	71.018	8.427	0.	0.	6.	23.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.545	1.38	0.	0.266	0.516	0.	0.	0.778	1.369
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.505								

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Annual Analysis for 1988 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	12	4.5	6.75	21.	0.	59.114	7.689	0.	0.	11.25	21.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	12	0.628	0.599	1.322	0.	0.267	0.516	0.	0.	1.048	1.322
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.972								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	6.25	36.	0.	193.841	13.923	0.	0.	2.25	36.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	0.299	1.556	0.	0.363	0.603	0.	0.	0.358	1.556
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.991								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	3.818	9.	0.	16.364	4.045	0.	0.	9.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.445	0.954	0.	0.199	0.446	0.	0.	0.954	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.787								

** - Less than 9 observations ## - Computed 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 LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	11	0.	2.182	12.	0.	14.564	3.816	0.	0.	3.	10.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	11	0.	0.256	1.079	0.	0.151	0.388	0.	0.	0.477	1.019
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.801								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	2.455	12.	0.	14.073	3.751	0.	0.	3.	10.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	0.299	1.079	0.	0.147	0.383	0.	0.	0.477	1.019
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.991								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	2.455	9.	0.	8.673	2.945	0.	0.	3.	8.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.331	0.954	0.	0.122	0.35	0.	0.	0.477	0.919
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.143								

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Annual Analysis for 1990 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	10	0.	1.4	14.	0.	19.6	4.427	0.	0.	0.	12.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	10	0.	0.115	1.146	0.	0.131	0.362	0.	0.	0.	1.032
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.302								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	9	0.	25.778	232.	0.	5980.444	77.333	0.	0.	0.	232.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	9	0.	0.263	2.365	0.	0.622	0.788	0.	0.	0.	2.365
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.832								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.333	12.	0.	16.	4.	0.	0.	0.	12.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.12	1.079	0.	0.129	0.36	0.	0.	0.	1.079
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.318								

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

Annual Analysis for 1991 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	12	1.5	11.	57.	0.	417.818	20.441	0.	0.	10.5	55.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	12	0.239	0.523	1.756	0.	0.449	0.67	0.	0.	1.004	1.741
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.334								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	6.	36.	0.	144.	12.	0.	0.	9.	32.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	0.335	1.556	0.	0.377	0.614	0.	0.	0.809	1.503
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.161								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	8.25	48.	0.	248.932	15.778	0.	0.	9.75	43.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.436	1.681	0.	0.406	0.637	0.	0.	0.929	1.632
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.73								

** - Less than 9 observations ## - Computed 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 LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	11	3.	8.727	54.	0.	243.818	15.615	0.	0.	12.	45.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	11	0.477	0.598	1.732	0.	0.291	0.54	0.	0.	1.079	1.602
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.962								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	3.	2.727	9.	0.	8.018	2.832	0.	0.	3.	8.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.477	0.374	0.954	0.	0.111	0.334	0.	0.	0.477	0.919
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.368								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	3.	15.	0.	19.8	4.45	0.	0.	3.	13.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.351	1.176	0.	0.154	0.393	0.	0.	0.477	1.097
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.245								

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Annual Analysis for 1993 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	11	3.	6.	51.	0.	225.	15.	0.	0.	3.	41.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	11	0.477	0.372	1.708	0.	0.253	0.503	0.	0.	0.477	1.461
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.356								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	0.818	3.	0.	1.964	1.401	0.	0.	3.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	0.13	0.477	0.	0.05	0.223	0.	0.	0.477	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.349								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.818	6.	0.	3.764	1.94	0.	0.	0.	5.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.114	0.778	0.	0.069	0.263	0.	0.	0.	0.718

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Annual Analysis for 1993 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.301								

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Annual Analysis for 1994 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	12	3.	6.	22.	0.	42.727	6.537	0.	2.25	8.25	19.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	12	0.477	0.603	1.342	0.	0.177	0.42	0.	0.345	0.91	1.293
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.011								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	10	1.5	3.9	12.	0.	26.1	5.109	0.	0.	9.75	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	10	0.239	0.407	1.079	0.	0.227	0.476	0.	0.	0.985	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.551								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	3.75	16.	0.	25.477	5.048	0.	0.	3.	14.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.414	1.204	0.	0.162	0.403	0.	0.	0.477	1.167
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.595								

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Annual Analysis for 1995 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	11	3.	10.091	51.	0.	274.091	16.556	0.	0.	18.	46.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	11	0.477	0.577	1.708	0.	0.392	0.626	0.	0.	1.255	1.661
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.777								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	1.636	9.	0.	7.855	2.803	0.	0.	3.	7.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	0.217	0.954	0.	0.108	0.328	0.	0.	0.477	0.859
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.648								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	2.182	12.	0.	12.764	3.573	0.	0.	3.	10.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.272	1.079	0.	0.126	0.355	0.	0.	0.477	0.959
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.869								

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Annual Analysis for 1996 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	11	0.	60.545	570.	0.	28895.073	169.986	0.	0.	42.	466.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	11	0.	0.597	2.756	0.	0.946	0.972	0.	0.	1.623	2.546
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.951								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	3.818	30.	0.	82.964	9.108	0.	0.	3.	25.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	11	0.	0.264	1.477	0.	0.255	0.505	0.	0.	0.477	1.373
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.838								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	6.818	30.	0.	79.364	8.909	0.	0.	12.	26.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.591	1.477	0.	0.249	0.499	0.	0.	1.079	1.398
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.897								

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Annual Analysis for 1997 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	12	1.5	2.75	12.	0.	13.841	3.72	0.	0.	5.25	10.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	12	0.239	0.339	1.079	0.	0.153	0.391	0.	0.	0.703	0.989
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.182								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	1.	3.	0.	2.182	1.477	0.	0.	3.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	12	0.	0.159	0.477	0.	0.055	0.235	0.	0.	0.477	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.442								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	2.	18.	0.	26.727	5.17	0.	0.	2.25	13.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.184	1.255	0.	0.148	0.384	0.	0.	0.358	1.022
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.528								

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Annual Analysis for 1998 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	6	0.	1.	3.	0.	2.4	1.549	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	6	0.	0.159	0.477	0.	0.061	0.246	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.442								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	159	3.	10.075	570.	0.	2123.728	46.084	0.	0.	6.	18.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	159	0.477	0.513	2.756	0.	0.292	0.54	0.	0.	0.778	1.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.258								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	154	0.	6.104	234.	0.	732.721	27.069	0.	0.	3.	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	154	0.	0.294	2.369	0.	0.24	0.49	0.	0.	0.477	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.97								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	130	2.5	5.731	48.	0.	78.183	8.842	0.	0.	9.	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	130	0.389	0.459	1.681	0.	0.274	0.524	0.	0.	0.954	1.255
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.88								

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-06/01/98	124	0.	4.976	75.	0.	134.609	11.602	0.	0.	3.	13.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-06/01/98	124	0.	0.346	1.875	0.	0.244	0.494	0.	0.	0.477	1.128
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.218								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	123	0.	1.39	36.	0.	26.896	5.186	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/18/69-06/01/98	123	0.	0.124	1.556	0.	0.093	0.305	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.33								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	107	0.	2.822	75.	0.	96.77	9.837	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	107	0.	0.227	1.875	0.	0.146	0.382	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.685								

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

Station Inventory for Station: LAMR0048

NPS Station ID: LAMR0048 | LAT/LON: 35.709531/-101.653559 | Agency: 11NPSWRD | Date Created: 07/25/98
Location: Lake Meredith in Blue (Creek) West Area | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): LAMR_01029902 /01029902
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
The station is located on the Evans Canyon TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Department of Water Quality. Samples analyzed for toxics. Sample taken from Lake Meredith in Blue (Creek) West Area." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01007	BARIUM, TOTAL (UG/L AS BA)	06/09/72-06/09/72	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/06/71-06/09/72	2	300.	300.	300.	300.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/72-06/09/72	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	06/09/72-06/09/72	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/06/71-06/09/72	2	200.	200.	200.	200.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/09/72-06/09/72	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/09/72-06/09/72	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/06/71-06/09/72	2	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: LAMR0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	2	1.00	2	2	1.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: LAMR0049

NPS Station ID: LAMR0049 | LAT/LON: 35.637142/-101.658087 | Agency: 11NPSWRD | Date Created: 04/25/98
Location: MARTINS CANYON-TURKEY CREEK AREA | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_COOPER_3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE MARTINS CANYON-TURKEY CREEK AREA OF THE LAKE MEREDITH NATIONAL RECREATION AREA. THE SAMPLING STATION IS ON LAKE MEREDITH AT THE MIDPOINT FROM THE SHORELINE ALONG BUREAU OF RECLAMATION SURVEY SEDIMENTATION RANGE LINE R-16. DATA WERE COLLECTED AT THIS SITE FROM 1967 THROUGH 1974 BY WILLIAM A. COOPER OF WEST TEXAS STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; TO ASSESS THE WATER QUALITY OF LAKE MEREDITH. DATA WERE SUMMARIZED IN ANNUAL REPORTS TITLED "WATER QUALITY AND LIMNOLOGY OF LAKE MEREDITH." FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460 FRITCH TEXAS 79036-1460; TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250 FORT COLLINS COLORADO 80525. TEL.970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	271	15.	15.203	47.	1.	178.762	13.37	1.	1.	25.	38.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	270	61.75	58.616	80.	34.	200.228	14.15	39.32	45.	72.	76.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	262	15.	19.744	90.	0.	259.777	16.118	5.	10.	25.	43.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	261	40.	49.613	230.	0.	1847.884	42.987	10.	20.	65.	110.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	241	1600.	1675.145	4000.	200.	100003.416	316.233	1400.	1500.	1805.	2000.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	158	9.	9.384	15.	0.	8.299	2.881	6.79	8.	12.	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	266	8.5	8.49	9.1	7.4	0.027	0.166	8.3	8.4	8.6	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	266	8.5	8.449	9.1	7.4	0.029	0.171	8.3	8.4	8.6	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	266	0.003	0.004	0.04	0.001	0.	0.003	0.002	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	186 ##	0.	0.027	5.	0.	0.134	0.367	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	264	186.	187.981	284.	126.	310.429	17.619	168.	176.	202.	210.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	262	8.	8.418	66.	0.	32.22	5.676	2.	4.75	10.5	14.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	264	207.	210.795	310.	134.	541.068	23.261	186.5	195.	223.5	238.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	260	10.	9.904	24.	0.	29.593	5.44	2.	5.25	12.	17.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	261	0.35	0.448	3.7	0.	0.188	0.434	0.2	0.22	0.5	0.742
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	265	250.	252.072	390.	184.	665.127	25.79	224.	234.	266.	281.6
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	265	65.	64.306	83.	43.	62.205	7.887	54.	58.	70.	74.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	264	23.	22.924	51.	7.	40.306	6.349	15.	19.	26.	30.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	262	255.	260.073	474.	141.	1593.332	39.917	218.	236.75	282.	304.1

** - 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

Parameter Inventory for Station: LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	264	246.	248.598	460.	154.	1431.093	37.83	210.	230.	266.	280.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	264	260.	271.682	480.	140.	2886.279	53.724	210.	235.25	300.	350.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	259	0.98	0.969	1.5	0.65	0.012	0.109	0.85	0.9	1.	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	211	70.	119.763	1500.	0.	34187.086	184.898	0.	20.	150.	250.
01142	SILICON, TOTAL (UG/L AS SI)	01/06/67-12/16/69	147	5.	4.627	15.	0.	5.305	2.303	2.	3.	6.	7.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/15/67-12/17/68	24	27.5	53.	220.	0.	4090.174	63.954	0.	2.	110.	150.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/15/67-12/17/68	24	1.43	1.22	2.342	0.	0.664	0.815	0.	0.301	2.041	2.172
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.579								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/19/68-07/17/69	43	340.	838.488	11320.	25.	4545122.065	2131.929	70.	90.	580.	1600.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/19/68-07/17/69	43	2.531	2.44	4.054	1.398	0.317	0.563	1.845	1.954	2.763	3.175
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			275.286								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	262	1075.5	1091.733	1764.	736.	15576.633	124.806	965.3	1017.75	1164.25	1221.7
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	112	0.4	0.428	1.3	0.	0.047	0.216	0.2	0.3	0.6	0.7
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	244	0.2	0.236	2.2	0.	0.058	0.241	0.	0.07	0.4	0.5
71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	01/31/67-04/27/67	5	0.01	0.019	0.05	0.002	0.	0.021	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	262	24	0.09	153	20	0.13	109	4	0.04						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	152 &	1	0.01	88	0	0.00	64	1	0.02						
00400	PH	Fresh Chronic	9.	266	1	0.00	155	1	0.01	111	0	0.00						
		Other-Lo Lim.	6.5	266	0	0.00	155	0	0.00	111	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	264	0	0.00	154	0	0.00	110	0	0.00						
		Drinking Water	250.	264	127	0.48	154	71	0.46	110	56	0.51						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	264	165	0.63	154	94	0.61	110	71	0.65						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	259	0	0.00	149	0	0.00	110	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	24	0	0.00	13	0	0.00	11	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	244	0	0.00	142	0	0.00	102	0	0.00						
71855	NITRITE NITROGEN, TOTAL (AS NO2)	Drinking Water	3.3	5	0	0.00	3	0	0.00	2	0	0.00						

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

Annual Analysis for 1967 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	46	15.	11.957	27.	1.	94.398	9.716	1.	1.	20.	25.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	44	62.	59.443	78.	34.6	178.97	13.378	39.	46.25	73.875	75.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	38	21.	27.184	70.	1.	401.722	20.043	4.9	10.	41.5	60.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	40	55.	64.725	180.	4.	2103.025	45.859	10.	35.	90.	139.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	22	1400.	1413.864	1650.	1100.	15433.171	124.23	1251.	1372.5	1456.25	1635.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	40	8.25	8.688	13.	5.	4.239	2.059	6.3	6.925	10.	12.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	39	8.5	8.467	9.1	8.2	0.031	0.177	8.2	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	39	8.5	8.436	9.1	8.2	0.032	0.179	8.2	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	39	0.003	0.004	0.006	0.001	0.	0.001	0.003	0.003	0.004	0.006
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	37	197.	193.703	216.	126.	231.548	15.217	178.	189.5	202.	206.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	35	8.	7.1	18.	0.	21.526	4.64	0.	4.	10.	14.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	37	225.	224.865	290.	154.	760.62	27.579	189.	210.5	240.	259.4
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	33	9.	8.667	22.	1.	28.104	5.301	1.	5.	12.	17.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	38	0.4	0.499	1.6	0.1	0.075	0.274	0.296	0.38	0.558	0.76
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	38	240.	244.053	292.	216.	248.538	15.765	229.	231.5	256.	266.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	39	70.	70.205	83.	53.	39.904	6.317	61.	67.	75.	80.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	38	17.	16.789	31.	7.	21.9	4.68	11.8	15.	19.	21.1
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	37	219.	217.189	249.	177.	383.824	19.591	184.	207.	234.5	241.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	37	210.	204.027	238.	164.	252.027	15.875	179.6	194.	213.5	220.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	38	225.	222.763	275.	180.	388.78	19.718	199.	208.75	240.	241.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	37	0.95	0.935	1.06	0.7	0.006	0.076	0.8	0.9	0.995	1.034
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	33	30.	107.879	1020.	0.	37967.235	194.852	14.	20.	80.	296.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	37	996.	970.568	1076.	817.	4890.03	69.929	856.	910.5	1024.	1052.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	33	0.07	0.11	0.4	0.01	0.01	0.1	0.03	0.05	0.15	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

Annual Analysis for 1968 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	56	15.	13.929	28.	1.	107.486	10.368	1.	1.	25.	26.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	55	59.	56.627	78.	34.	209.511	14.475	39.	41.	71.	75.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	55	17.	22.109	90.	0.	338.729	18.405	5.	10.	30.	50.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	55	57.	57.545	230.	0.	2006.327	44.792	10.	18.	70.	124.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	51	1620.	1665.98	1875.	1500.	9433.02	97.124	1582.	1600.	1750.	1800.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	37	10.	10.511	15.	7.	6.198	2.49	7.56	8.3	13.	13.4
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	55	8.6	8.584	8.7	8.4	0.008	0.092	8.5	8.5	8.7	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	55	8.6	8.574	8.7	8.4	0.009	0.092	8.5	8.5	8.7	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	55	0.003	0.003	0.004	0.002	0.	0.001	0.002	0.002	0.003	0.003
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	55 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	55	206.	204.836	222.	178.	94.325	9.712	190.	200.	212.	216.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	55	12.	11.418	20.	2.	17.877	4.228	6.	8.	14.	16.8
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	55	222.	222.255	264.	190.	283.378	16.834	199.2	210.	237.	244.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	55	15.	13.964	24.	2.	27.295	5.224	7.	10.	17.	20.8
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	55	0.35	0.395	0.9	0.12	0.029	0.17	0.2	0.3	0.5	0.64
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	55	264.	259.727	290.	210.	319.498	17.875	229.2	250.	270.	278.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	54	70.	69.981	78.	60.	14.811	3.849	64.5	68.	73.	74.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	54	22.	21.185	31.	7.	29.852	5.464	12.	18.	25.	27.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	53	244.	244.434	280.	224.	138.058	11.75	230.4	235.	253.	260.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	55	240.	238.436	260.	210.	97.732	9.886	224.4	232.	244.	250.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	54	245.	241.426	280.	200.	234.891	15.326	222.5	231.5	250.	256.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	53	0.97	0.979	1.5	0.85	0.01	0.1	0.9	0.92	1.	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	51	70.	134.902	1500.	0.	48061.49	219.229	0.	0.	200.	278.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	53	1059.	1057.226	1118.	981.	862.832	29.374	1016.8	1033.5	1077.	1095.8
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	47	0.1	0.168	0.8	0.	0.033	0.181	0.	0.01	0.3	0.4

** - 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

Annual Analysis for 1969 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	65	15.	16.554	40.	1.	157.97	12.569	1.	1.	25.	38.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	57	56.	57.691	80.	36.	240.089	15.495	38.	42.25	72.	78.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	57	20.	24.895	60.	0.	191.989	13.856	10.	15.	30.	50.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	57	55.	62.281	180.	0.	1414.348	37.608	20.	37.5	75.	120.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	57	1800.	1791.754	2125.	200.	70627.224	265.758	1590.	1750.	1912.5	2000.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	19	9.5	9.458	13.	2.7	6.559	2.561	6.9	8.	12.	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	57	8.6	8.547	8.7	7.9	0.028	0.167	8.38	8.5	8.7	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	57	8.6	8.507	8.7	7.9	0.03	0.172	8.38	8.5	8.7	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	57	0.003	0.003	0.013	0.002	0.	0.002	0.002	0.002	0.003	0.004
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	55 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	57	184.	186.947	214.	130.	302.586	17.395	167.6	172.	204.	208.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	57	8.	8.07	16.	0.	13.852	3.722	2.	6.	10.	12.4
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	57	212.	212.333	310.	134.	873.119	29.549	184.6	189.	224.	234.4
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	57	10.	9.842	20.	0.	21.85	4.674	2.	7.	12.	15.4
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	57	0.37	0.398	1.5	0.1	0.067	0.259	0.2	0.225	0.44	0.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	57	254.	254.491	328.	196.	736.897	27.146	216.4	235.	273.	288.4
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	57	65.	63.772	78.	50.	40.143	6.336	57.	58.	69.5	72.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	57	23.	24.018	39.	15.	30.589	5.531	16.8	19.	28.	31.2
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	57	273.	266.404	307.	141.	877.495	29.623	226.4	250.	291.	299.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	57	253.	246.053	292.	154.	679.229	26.062	210.4	226.5	266.	272.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	57	300.	291.439	360.	200.	908.501	30.141	254.4	275.	310.	321.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	57	1.	0.971	1.3	0.69	0.012	0.109	0.828	0.905	1.	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	57	100.	167.193	1400.	0.	53659.837	231.646	0.	50.	215.	350.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	57	1133.	1115.018	1258.	736.	10584.839	102.883	987.2	1033.5	1198.5	1222.
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	54	0.2	0.279	1.2	0.	0.067	0.259	0.	0.087	0.4	0.5

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

Annual Analysis for 1970 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	22	15.	16.273	40.	1.	239.446	15.474	1.	1.	37.25	38.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	21	54.	59.143	80.	39.5	237.279	15.404	39.5	42.	74.	77.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	21	20.	19.857	50.	0.	123.329	11.105	2.4	15.	25.	37.6
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	21	30.	33.81	110.	10.	492.262	22.187	10.	20.	40.	59.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	21	2000.	1927.381	2250.	200.	168369.048	410.328	1830.	1925.	2050.	2200.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	13	9.	5.715	13.	0.	32.236	5.678	0.	0.	10.65	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	21	8.3	8.39	8.6	8.3	0.014	0.118	8.3	8.3	8.45	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	21	8.3	8.377	8.6	8.3	0.014	0.119	8.3	8.3	8.45	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	21	0.005	0.004	0.005	0.003	0.	0.001	0.003	0.004	0.005	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	21 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	21	180.	178.286	196.	158.	115.314	10.738	164.	167.	187.	193.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	21	8.	7.762	12.	3.	8.79	2.965	4.	5.	10.	12.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	21	200.	199.143	227.	173.	155.129	12.455	185.	189.	210.	212.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	21	10.	9.381	15.	4.	12.248	3.5	5.	6.	12.	14.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	18	0.3	0.455	1.6	0.2	0.132	0.363	0.2	0.288	0.5	1.24
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	21	244.	262.762	350.	220.	1448.59	38.06	228.4	238.	284.	333.6
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	21	62.	60.905	70.	52.	25.59	5.059	53.2	58.	63.5	69.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	21	26.	27.714	46.	15.	64.014	8.001	19.4	22.	34.	40.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	21	262.	264.571	291.	230.	254.457	15.952	244.4	254.	279.	286.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	21	242.	242.381	270.	224.	162.648	12.753	225.2	232.	251.	264.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	21	300.	308.333	375.	275.	650.833	25.511	282.	295.	320.	358.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	21	0.95	0.903	1.1	0.65	0.016	0.126	0.71	0.8	1.	1.08
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	21	80.	77.143	200.	0.	2761.429	52.549	12.	35.	100.	150.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	21	1109.	1114.333	1217.	1056.	2003.233	44.757	1059.4	1075.5	1141.5	1185.2
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	21	0.4	0.429	1.3	0.2	0.058	0.241	0.2	0.25	0.5	0.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	21	0.04	0.069	0.2	0.	0.005	0.071	0.	0.02	0.09	0.2

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

Annual Analysis for 1971 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	9	55.	60.778	80.	44.	217.194	14.738	44.	46.	76.5	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	9	15.	17.778	40.	10.	81.944	9.052	10.	12.5	20.	40.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	9	25.	32.222	80.	10.	538.194	23.199	10.	15.	50.	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	9	2400.	2425.	4000.	1500.	532500.	729.726	1500.	1887.5	2725.	4000.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	9	10.9	10.644	13.	7.5	2.67	1.634	7.5	9.6	11.9	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	9	8.5	8.478	8.6	8.3	0.014	0.12	8.3	8.35	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	9	8.5	8.462	8.6	8.3	0.015	0.121	8.3	8.35	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	9	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.004	0.005
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	9	188.	190.667	230.	170.	505.	22.472	170.	171.	209.	230.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	9	8.	13.444	66.	0.	412.278	20.305	0.	2.5	13.	66.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	9	217.	216.	273.	168.	1053.25	32.454	168.	189.	240.5	273.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	9	7.	8.	19.	0.	35.5	5.958	0.	2.5	12.	19.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	8	0.3	0.265	0.42	0.02	0.016	0.125	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	9	240.	269.333	390.	220.	3020.	54.955	220.	233.	305.	390.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	9	59.	61.	74.	52.	46.25	6.801	52.	56.	65.5	74.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	9	25.	29.444	51.	15.	132.278	11.501	15.	22.5	39.5	51.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	9	322.	343.111	474.	249.	6767.111	82.262	249.	267.	424.	474.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	9	288.	353.333	460.	266.	8828.	93.957	266.	269.	453.	460.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	9	325.	330.556	480.	225.	8327.778	91.257	225.	245.	415.	480.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	9	0.95	0.878	1.	0.65	0.023	0.15	0.65	0.7	1.	1.
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	9	100.	94.444	200.	50.	2152.778	46.398	50.	50.	100.	200.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	9	1227.	1347.889	1764.	1027.	83263.611	288.554	1027.	1077.5	1663.	1764.
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	9	0.5	0.367	0.6	0.	0.05	0.224	0.	0.15	0.55	0.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	9	0.2	0.21	0.6	0.	0.036	0.191	0.	0.045	0.3	0.6

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

Annual Analysis for 1972 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	28	16.	17.25	45.	1.	282.269	16.801	1.	1.	37.5	43.2
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	27	67.	61.511	76.	39.	190.453	13.8	39.	46.	74.	75.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	25	15.	14.8	35.	0.	111.417	10.555	3.	5.	22.5	32.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	25	40.	58.2	230.	5.	3368.5	58.039	10.	20.	75.	180.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	24	1462.5	1497.917	1900.	1250.	23256.341	152.5	1350.	1400.	1650.	1700.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	12	9.	9.5	12.	8.	2.273	1.508	8.	8.	10.75	12.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	28	8.5	8.468	8.7	8.3	0.016	0.125	8.3	8.325	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	28	8.5	8.451	8.7	8.3	0.016	0.126	8.3	8.325	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	28	0.003	0.004	0.005	0.002	0.	0.001	0.003	0.003	0.005	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	28 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	28	172.	172.857	186.	160.	35.09	5.924	167.6	170.	175.5	184.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	28	5.	5.143	10.	0.	9.608	3.1	1.8	2.	7.5	10.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	28	199.	198.357	217.	176.	68.238	8.261	189.1	193.5	203.	207.3
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	28	6.	6.107	12.	0.	14.544	3.814	1.8	2.	9.25	12.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	28	0.375	0.468	1.6	0.13	0.146	0.382	0.149	0.205	0.485	1.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	28	226.	230.929	258.	184.	280.735	16.755	213.6	220.5	244.	254.4
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	28	55.5	55.821	65.	47.	21.041	4.587	48.	53.	58.	64.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	28	23.5	23.143	27.	17.	5.979	2.445	19.8	22.	25.	26.1
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	28	244.	243.107	292.	198.	702.544	26.506	207.2	225.5	264.	284.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	28	257.	254.857	290.	210.	355.09	18.844	227.8	241.	269.5	276.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	28	210.	223.036	315.	140.	2187.665	46.772	168.5	185.	253.75	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	28	1.	0.964	1.1	0.72	0.006	0.076	0.872	0.95	1.	1.01
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	9	100.	116.667	250.	0.	6875.	82.916	0.	50.	175.	250.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	28	1010.	1004.643	1165.	818.	9078.608	95.282	877.6	933.75	1078.75	1156.8
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	28	0.4	0.386	0.9	0.1	0.032	0.178	0.19	0.225	0.5	0.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	25	0.3	0.36	0.7	0.09	0.027	0.164	0.2	0.2	0.4	0.7

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Annual Analysis for 1973 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	26	10.5	15.846	47.	1.	299.815	17.315	1.	1.	25.	43.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	26	67.25	61.619	77.	35.6	156.298	12.502	43.5	49.25	70.	75.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	26	7.5	9.538	80.	0.	253.138	15.91	0.	0.	10.	19.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	23	10.	22.391	170.	0.	1488.34	38.579	0.	0.	20.	76.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	26	1500.	1498.077	1600.	1400.	4720.154	68.703	1400.	1437.5	1550.	1600.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	13	9.	10.154	13.	8.	3.641	1.908	8.	8.5	12.	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	26	8.5	8.473	8.6	8.3	0.009	0.096	8.3	8.4	8.525	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	26	8.5	8.463	8.6	8.3	0.009	0.097	8.3	8.4	8.525	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	26	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	26 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	26	180.	182.308	284.	170.	443.742	21.065	172.	177.5	180.	183.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	26	8.	8.846	18.	2.	22.775	4.772	2.	6.	12.5	16.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	26	196.5	196.423	217.	181.	122.334	11.06	182.4	185.	205.	213.5
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	26	10.	10.731	22.	2.	36.285	6.024	2.	7.	15.5	20.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	26	0.2	0.331	1.	0.	0.094	0.306	0.	0.1	0.613	0.915
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	26	254.	259.538	300.	232.	518.818	22.778	234.	239.5	280.	293.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	26	63.	64.692	80.	50.	117.822	10.855	52.	54.	76.	80.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	26	25.	24.654	33.	18.	13.995	3.741	20.	21.75	26.5	30.2
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	26	265.	271.231	339.	233.	963.545	31.041	237.1	241.75	289.5	333.3
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	26	256.5	257.462	280.	240.	118.978	10.908	244.	250.	266.	273.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	26	295.	298.846	410.	225.	3110.615	55.773	232.	250.	342.5	403.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	26	1.05	1.038	1.3	0.8	0.013	0.113	0.9	0.975	1.1	1.2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	26	1115.	1124.923	1308.	994.	7829.194	88.483	1019.6	1054.5	1176.	1290.
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	26	0.5	0.454	0.9	0.	0.071	0.267	0.	0.2	0.7	0.8
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	24	0.3	0.25	0.7	0.	0.042	0.205	0.	0.09	0.4	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 box-and-whisker plot

Annual Analysis for 1974 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	28	15.	16.464	43.	1.	257.739	16.054	1.	1.	34.75	43.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	28	58.	57.714	77.	38.	174.063	13.193	40.	45.25	70.75	75.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	28	10.	9.821	30.	0.	52.745	7.263	0.	5.	10.	16.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	28	17.5	21.071	70.	0.	380.291	19.501	0.	2.5	30.	47.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	28	1537.5	1539.643	1650.	1400.	3216.534	56.714	1495.	1500.	1600.	1601.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	12	9.	9.583	13.	7.	3.356	1.832	7.3	8.	11.	12.7
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	28	8.4	8.4	8.7	8.	0.016	0.128	8.3	8.3	8.475	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	28	8.4	8.381	8.7	8.	0.017	0.129	8.3	8.3	8.475	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	28	0.004	0.004	0.01	0.002	0.	0.001	0.003	0.003	0.005	0.005
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	28	180.	177.429	192.	156.	117.291	10.83	162.	166.	188.	190.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	28	6.	7.107	16.	1.	14.766	3.843	2.9	4.	10.	12.2
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	28	200.	199.964	224.	178.	118.776	10.898	187.5	191.25	207.	215.5
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	28	7.	8.107	19.	0.	22.84	4.779	1.9	5.	12.	14.3
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	28	0.26	0.732	3.7	0.1	1.068	1.033	0.1	0.2	0.5	2.61
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	28	239.5	242.357	284.	220.	219.497	14.815	220.	232.5	250.	261.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	28	58.	58.107	68.	43.	33.655	5.801	52.4	54.25	62.	66.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	28	24.	24.536	36.	14.	33.813	5.815	15.	21.	28.	33.1
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	28	297.5	302.786	358.	253.	712.915	26.7	270.3	282.	319.75	345.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	28	280.	283.786	342.	260.	486.026	22.046	265.8	270.	286.	340.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	28	322.5	323.393	400.	250.	1835.284	42.84	250.	300.	353.75	377.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	25	1.	1.004	1.2	0.8	0.013	0.113	0.876	0.905	1.1	1.2
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	28	45.	58.214	220.	0.	4244.841	65.152	0.	0.	100.	200.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	28	1182.5	1205.5	1355.	1073.	4606.481	67.871	1132.3	1155.75	1266.75	1294.1
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	28	0.5	0.464	0.7	0.1	0.031	0.175	0.2	0.3	0.6	0.7
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	28	0.4	0.363	0.8	0.04	0.023	0.152	0.076	0.3	0.4	0.5

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

Annual Analysis for 1975 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	3	44.	46.667	55.	41.	54.333	7.371	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	3	10.	11.667	20.	5.	58.333	7.638	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	3	30.	28.333	35.	20.	58.333	7.638	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	3	1650.	1733.333	2000.	1550.	55833.333	236.291	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	3	12.	11.8	12.4	11.	0.52	0.721	**	**	**	**
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	3	8.1	7.9	8.2	7.4	0.19	0.436	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	3	8.1	7.744	8.2	7.4	0.226	0.476	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	3	0.008	0.018	0.04	0.006	0.	0.019	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	3	178.	176.667	180.	172.	17.333	4.163	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	3	6.	4.	6.	0.	12.	3.464	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	3	205.	205.667	217.	195.	121.333	11.015	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	3	7.	4.667	7.	0.	16.333	4.041	**	**	**	**
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	3	0.35	0.393	0.55	0.28	0.02	0.14	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	3	268.	264.	270.	254.	76.	8.718	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	3	62.	63.	66.	61.	7.	2.646	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	3	27.	26.	29.	22.	13.	3.606	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	3	324.	327.333	364.	294.	1233.333	35.119	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	3	300.	298.667	300.	296.	5.333	2.309	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	3	365.	363.333	425.	300.	3908.333	62.517	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	3	1.02	1.033	1.08	1.	0.002	0.042	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	3	50.	50.	100.	0.	2500.	50.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	3	1293.	1290.	1390.	1187.	10309.	101.533	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	3	0.2	0.867	2.2	0.2	1.333	1.155	**	**	**	**

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	159	15.	15.503	47.	1.	184.062	13.567	1.	1.	25.	38.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	158	70.	69.253	80.	51.	49.856	7.061	57.5	65.125	75.	77.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	153	15.	21.124	90.	0.	352.004	18.762	1.4	8.5	30.	50.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	151	40.	52.377	230.	0.	2109.25	45.927	10.	20.	70.	128.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	140	1600.	1662.893	4000.	200.	119957.938	346.349	1400.	1500.	1786.25	2000.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	91	8.1	8.046	13.	0.	3.834	1.958	6.34	7.5	9.	9.92
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	155	8.5	8.477	9.1	7.9	0.023	0.152	8.3	8.4	8.6	8.64
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	155	8.5	8.449	9.1	7.9	0.024	0.155	8.3	8.4	8.6	8.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	155	0.003	0.004	0.013	0.001	0.	0.001	0.002	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	105 ##	0.	0.048	5.	0.	0.238	0.488	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	154	182.	184.903	284.	126.	315.226	17.755	166.	172.	196.	207.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	153	8.	8.124	20.	0.	20.925	4.574	2.	4.	10.	14.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	154	205.	206.338	290.	134.	449.689	21.206	185.	193.	217.	229.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	151	10.	9.828	24.	0.	31.557	5.618	2.	5.	12.	17.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	151	0.39	0.527	3.7	0.	0.288	0.537	0.2	0.3	0.51	1.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	155	242.	246.445	390.	184.	639.093	25.28	220.	230.	260.	274.8
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	156	64.	63.654	80.	47.	57.57	7.587	53.	58.	70.	73.3
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	155	22.	21.923	51.	7.	37.358	6.112	15.	18.	25.	28.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	154	256.5	260.481	474.	141.	2094.918	45.77	210.	234.75	284.25	310.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	154	245.5	248.753	460.	154.	2094.318	45.764	201.	229.5	264.	284.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	154	260.	271.422	480.	140.	3540.52	59.502	200.	230.	300.	350.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	149	0.95	0.948	1.5	0.65	0.014	0.117	0.8	0.9	1.	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	118	75.	131.695	1500.	0.	46527.017	215.701	0.	40.	150.	281.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	154	1072.5	1086.13	1764.	736.	21066.166	145.142	904.5	1006.	1156.75	1240.
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	142	0.2	0.234	1.2	0.	0.049	0.222	0.	0.06	0.4	0.47

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/67-12/03/74	112	15.	14.777	45.	1.	172.517	13.135	1.	1.	25.	38.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/06/67-04/22/75	112	43.5	43.611	56.	34.	26.492	5.147	38.	39.5	46.75	52.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/67-04/22/75	109	17.	17.807	60.	0.	125.898	11.22	5.	10.	21.5	30.
00080	COLOR (PLATINUM-COBALT UNITS)	01/31/67-04/22/75	110	40.	45.818	230.	0.	1480.04	38.471	10.	19.5	60.	90.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/06/67-04/22/75	101	1700.	1692.129	2400.	200.	72765.173	269.75	1400.	1500.	1887.5	2000.
00300	OXYGEN, DISSOLVED MG/L	01/06/67-04/22/75	67	12.	11.2	15.	0.	8.698	2.949	9.9	11.	13.	13.
00400	PH (STANDARD UNITS)	01/06/67-04/22/75	111	8.6	8.508	8.7	7.4	0.033	0.181	8.3	8.4	8.6	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/06/67-04/22/75	111	8.6	8.449	8.7	7.4	0.036	0.191	8.3	8.4	8.6	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/67-04/22/75	111	0.003	0.004	0.04	0.002	0.	0.004	0.002	0.003	0.004	0.005
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/67-12/11/73	81 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	110	198.	192.291	222.	162.	274.41	16.565	170.	178.	206.	212.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/31/67-04/22/75	109	8.	8.83	66.	0.	48.121	6.937	3.	6.	12.	14.
00440	BICARBONATE ION (MG/L AS HCO3)	01/06/67-04/22/75	110	217.	217.036	310.	163.	606.916	24.636	190.	197.	234.	244.
00445	CARBONATE ION (MG/L AS CO3)	01/31/67-04/22/75	109	10.	10.009	24.	0.	27.12	5.208	2.	7.	13.	17.
00655	PHOSPHATE, POLY (MG/L AS PO4)	01/06/67-04/22/75	110	0.3	0.341	1.2	0.1	0.032	0.18	0.141	0.2	0.4	0.577
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/06/67-04/22/75	110	260.	260.	350.	218.	599.56	24.486	228.2	240.	276.	290.
00916	CALCIUM, TOTAL (MG/L AS CA)	01/06/67-04/22/75	109	66.	65.239	83.	43.	67.943	8.243	55.	58.	71.	75.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/06/67-04/22/75	109	24.	24.349	46.	7.	41.396	6.434	17.	20.	28.	33.
00933	SODIUM,PLUS POTASSIUM (MG/L)	01/06/67-04/22/75	108	254.	259.491	364.	211.	890.42	29.84	224.	240.25	276.75	300.1
00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/67-04/22/75	110	250.	248.382	300.	208.	513.192	22.654	215.1	229.5	266.5	277.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/06/67-04/22/75	110	260.	272.045	425.	205.	1994.191	44.656	225.	240.	300.	325.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/06/67-04/22/75	110	1.	0.997	1.2	0.72	0.008	0.091	0.9	0.95	1.005	1.1
01045	IRON, TOTAL (UG/L AS FE)	01/31/67-04/22/75	93	70.	104.624	1000.	0.	18451.216	135.835	0.	20.	150.	250.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/06/67-04/22/75	108	1078.	1099.722	1390.	940.	7763.081	88.108	1002.	1024.75	1179.75	1221.
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/31/67-04/22/75	102	0.2	0.24	2.2	0.	0.071	0.267	0.01	0.09	0.3	0.5

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

Station Inventory for Station: LAMR0050

NPS Station ID: LAMR0050 | LAT/LON: 35.635142/-101.659254 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LAKE MEREDITH-SANDY POINT | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_22
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SANDY POINT AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/11/81-07/11/81	1	105.	105.	105.	105.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/11/81-07/11/81	1	2.021	2.021	2.021	2.021	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			105.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/81-07/11/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/81-07/11/81	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/11/81-07/11/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/11/81-07/11/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: LAMR0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a 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.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: LAMR0051

NPS Station ID: LAMR0051 | LAT/LON: 35.615004/-101.660004 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: LAKE MEREDITH-SOUTH TURKEY CREEK | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_TPWD_11
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 2915 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALIBATES RANCH TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE SOUTH TURKEY CREEK AREA AT LAKE MEREDITH IN THE LAKE MEREDITH NATIONAL RECREATION AREA (LAMR). DATA ARE FROM FISH MONITORING REPORTS BY THE TEXAS PARKS AND WILDLIFE DEPARTMENT'S (TPWD) FISHERIES MANAGEMENT DIVISION. MULTIPLE LATITUDE AND LONGITUDE COORDINATE VALUES WERE GIVEN FOR EACH STATION. THE MOST COMMONLY LISTED COORDINATE PAIR WAS USED TO UPLOAD THE DATA TO STORET. AIR TEMPERATURE; WATER TEMPERATURE; D.O.; AND SECCHI DEPTH VALUES LISTED FOR THIS SITE MAY HAVE BEEN COLLECTED AT ANOTHER STATION. FOR MORE INFORMATION CONTACT CHARLES MUNGER AT TPWD OR RESOURCE MANAGEMENT AT LAMR; P.O. BOX 1460; FRITCH TX 79036-1460. TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-10/23/96	27	16.	15.778	24.8	4.4	25.05	5.005	10.2	12.7	20.	23.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/24/84-10/23/96	27	19.	18.033	32.2	2.	68.718	8.29	5.24	12.8	25.	27.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/22/85-10/23/96	20	0.84	1.038	3.05	0.3	0.424	0.651	0.465	0.61	1.403	1.817
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/93-10/11/93	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/24/84-10/23/96	26	8.1	8.238	10.5	5.	1.399	1.183	6.34	7.975	9.025	9.72

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

EPA Water Quality Criteria Analysis for Station: LAMR0051

				Total	Exceed	Prop.	4/15-10/31			11/01-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	26	0	0.00	24	0	0.00	2	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-10/23/96	24	16.	16.733	24.8	11.	18.051	4.249	11.	13.125	20.	23.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/24/84-10/23/96	24	19.5	19.696	32.2	6.	49.915	7.065	7.	15.	25.	28.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/22/85-10/23/96	17	0.76	0.984	3.05	0.3	0.459	0.677	0.428	0.56	1.33	1.97
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/24/84-10/23/96	24	8.1	8.175	10.5	5.	1.379	1.174	6.3	7.925	8.975	9.55

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-10/23/96	3	7.	8.133	13.	4.4	19.453	4.411	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/24/84-10/23/96	3	2.2	4.733	10.	2.	20.813	4.562	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/22/85-10/23/96	3	1.23	1.343	1.83	0.97	0.195	0.441	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/24/84-10/23/96	2	9.	9.	10.	8.	2.	1.414	**	**	**	**

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

Station Inventory for Station: LAMR0052

NPS Station ID: LAMR0052 | LAT/LON: 35.721531/-101.661809 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LAKE MEREDITH-BIG BLUE CANYON | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_16 /10045
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE BIG BLUE CANYON AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10045) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	232	5.	6.711	32.	0.	49.237	7.017	1.	1.	10.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-07/19/94	102	17.	16.307	28.	2.2	73.341	8.564	4.	6.575	24.5	25.9
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-07/02/85	65	66.2	60.795	82.4	31.	276.65	16.633	37.76	42.	76.1	79.
00024	SAMPLE LENGTH IN INCHES	04/24/91-04/24/91	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	12	86.6	79.675	89.9	8.2	517.935	22.758	29.29	83.175	89.075	89.69
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-08/27/79	19	28.	52.184	380.	0.5	6744.367	82.124	11.	22.	45.	96.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/16/77-01/31/89	20	26.5	32.	84.	6.	470.737	21.696	10.1	17.25	44.	78.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/89-07/19/94	11	0.6	0.543	1.	0.14	0.075	0.274	0.158	0.3	0.7	0.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/14/66-07/19/94	120	1850.	1839.658	2640.	140.	175802.781	419.288	1478.	1736.25	2037.5	2240.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	57	1892.	1880.632	2432.	1364.	55745.737	236.105	1510.8	1698.5	2034.	2127.2
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	141	8.7	9.003	13.7	2.7	4.217	2.054	6.82	7.4	10.75	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/65-02/11/71	23	1.	1.717	7.	0.	3.075	1.754	0.08	0.6	2.	4.8
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	128	8.4	8.343	9.2	6.9	0.172	0.415	7.99	8.2	8.538	8.855
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	128	8.4	8.028	9.2	6.9	0.272	0.522	7.99	8.2	8.538	8.855
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	128	0.004	0.009	0.126	0.001	0.	0.021	0.001	0.003	0.006	0.01
00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/07/92	59	8.3	8.334	8.8	7.6	0.045	0.213	8.2	8.2	8.5	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-12/07/92	59	8.3	8.271	8.8	7.6	0.049	0.222	8.2	8.2	8.5	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-12/07/92	59	0.005	0.005	0.025	0.002	0.	0.004	0.003	0.003	0.006	0.006
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/65-07/19/94	60	180.	181.933	260.	70.	662.029	25.73	156.8	173.25	192.	211.8

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

Parameter Inventory for Station: LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/14/66-12/07/92	22 ##	0.	2.045	20.	0.	21.379	4.624	0.	0.	3.25	7.4
00440	BICARBONATE ION (MG/L AS HCO3)	02/01/65-10/25/73	20	215.5	221.25	317.	179.	755.25	27.482	204.1	206.25	228.5	254.1
00445	CARBONATE ION (MG/L AS CO3)	01/14/66-08/02/71	17 ##	0.	4.529	40.	0.	105.765	10.284	0.	0.	4.5	20.8
00480	SALINITY - PARTS PER THOUSAND	05/03/93-07/27/93	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	04/24/91-04/24/91	1	72222.	72222.	72222.	72222.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/65-07/19/94	59	14.	241.068	1130.	2.	172537.444	415.376	4.	6.	51.	1040.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-07/19/94	45	2.	3.622	12.	0.5	9.581	3.095	0.8	1.	5.5	8.
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/24/91-04/24/91	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-07/19/94	45 ##	0.02	0.054	0.41	0.005	0.006	0.078	0.01	0.01	0.05	0.13
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/19/94	8 ##	0.003	0.004	0.01	0.	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-07/19/94	45 ##	0.01	0.017	0.1	0.005	0.	0.017	0.01	0.01	0.015	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/90-07/19/94	5	0.39	0.562	1.3	0.29	0.174	0.418	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	04/24/91-04/24/91	1	538.	538.	538.	538.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-07/02/85	33	0.06	0.097	0.7	0.	0.016	0.125	0.004	0.03	0.11	0.206
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-07/02/85	21 ##	0.015	0.023	0.05	0.015	0.	0.01	0.015	0.015	0.03	0.038
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-07/19/94	45	0.02	0.031	0.23	0.	0.001	0.034	0.01	0.015	0.04	0.05
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/24/91-04/24/91	1	1454.	1454.	1454.	1454.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-07/19/94	44	0.01	0.014	0.06	0.005	0.	0.013	0.005	0.006	0.01	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-07/19/94	45	4.	4.236	12.	0.5	5.427	2.33	1.4	3.05	5.2	6.56
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/12/90-07/12/90	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/65-07/19/94	25	256.	262.64	400.	199.	1465.073	38.276	218.	250.	276.	299.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/94-07/19/94	1	54.2	54.2	54.2	54.2	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	02/01/65-10/25/73	20	63.	68.5	132.	53.	429.316	20.72	54.2	59.25	67.	117.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/94-07/19/94	1	33.8	33.8	33.8	33.8	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/01/65-10/25/73	20	24.5	30.25	122.	16.	568.513	23.844	17.	22.	26.75	62.1
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/66-08/02/71	18	231.5	217.389	260.	80.	2114.84	45.987	143.9	209.	244.75	258.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/87-12/07/92	27	250.	243.519	283.	198.	595.028	24.393	204.4	221.	260.	275.
00937	POTASSIUM, TOTAL MG/L AS K)	06/04/70-10/13/70	3	15.	13.	16.	8.	19.	4.359	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	113	314.	305.991	550.	15.	11530.045	107.378	220.	257.	383.	418.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-11/12/75	7	310.	307.143	350.	270.	557.143	23.604	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/01/65-07/19/94	75	263.	259.08	380.	136.	1501.966	38.755	213.	239.	286.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/14/66-10/25/73	14	0.9	0.93	1.3	0.05	0.08	0.283	0.475	0.9	1.1	1.235
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/12/90-07/19/94	3 ##	2.5	3.667	6.	2.5	4.083	2.021	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/27/79-07/21/92	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/27/79-07/19/94	4	4.16	9.105	25.	3.1	112.68	10.615	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/21/89-05/11/94	10 ##	0.1	0.107	0.2	0.05	0.003	0.054	0.05	0.061	0.125	0.2
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/90-07/27/93	2	145.	145.	220.	70.	11250.	106.066	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/24/91-04/24/91	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/24/91-04/24/91	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/12/90-07/19/94	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/24/91-07/21/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/24/91-07/19/94	3 ##	0.5	0.433	0.6	0.2	0.043	0.208	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/24/91-07/19/94	3	23.7	29.9	48.	18.	253.83	15.932	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/90-07/19/94	3 ##	4.5	3.667	5.	1.5	3.583	1.893	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/24/91-07/21/92	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/90-07/19/94	3 ##	2.	3.	5.	2.	3.	1.732	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/24/91-07/21/92	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/24/91-07/19/94	3	16.	19.333	28.	14.	57.333	7.572	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/01/65-04/24/91	13	60.	99.615	745.	0.	39443.59	198.604	4.	10.	90.	503.
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/90-07/27/93	2 ##	197.5	197.5	390.	5.	74112.5	272.236	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/90-07/19/94	3 ##	1.5	1.167	1.5	0.5	0.333	0.577	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/24/91-07/21/92	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/24/91-07/19/94	3 ##	25.	32.767	61.5	11.8	662.763	25.744	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/24/91-07/19/94	3	368.	423.667	550.	353.	12026.333	109.665	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/14/66-04/24/91	16 ##	25.	14.313	25.	0.	157.563	12.552	0.	0.	25.	25.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/90-07/27/93	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/90-07/27/93	2 ##	20.	20.	25.	15.	50.	7.071	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	04/24/91-04/24/91	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/90-07/19/94	3 ##	7.5	10.667	20.	4.5	67.583	8.221	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/24/91-07/21/92	2 ##	12.75	12.75	20.	5.5	105.125	10.253	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/24/91-07/19/94	3	20.	26.333	40.	19.	140.333	11.846	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/90-07/19/94	3 ##	8.	6.083	10.	0.25	26.521	5.15	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/24/91-07/21/92	2 ##	9.	9.	10.	8.	2.	1.414	**	**	**	**

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

Parameter Inventory for Station: LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/24/91-07/19/94	3 ##	1.5	1.115	1.6	0.245	0.57	0.755	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/90-07/19/94	3	60.	53.667	61.	40.	140.333	11.846	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/24/91-07/21/92	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/24/91-07/19/94	3	59.	71.3	97.	57.9	495.67	22.264	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/30/70-04/24/91	2 ##	657.5	657.5	1315.	0.	864612.5	929.845	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/90-07/19/94	3 ##	17.	174.	490.	15.	74893.	273.666	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/12/90-07/19/94	3 ##	2.5	3.667	6.	2.5	4.083	2.021	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/24/91-07/21/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/24/91-07/19/94	3 ##	0.25	0.277	0.33	0.25	0.002	0.046	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	06/21/89-05/11/94	10	0.435	0.537	1.1	0.2	0.085	0.291	0.214	0.348	0.7	1.09
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	07/12/90-07/12/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	309	0.	38.194	4800.	0.	84505.571	290.698	0.	0.	6.	27.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	309	0.	0.474	3.681	-0.301	0.461	0.679	0.	0.	0.778	1.431
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.982								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	333	0.	26.524	5310.	0.	87805.966	296.321	0.	0.	3.	6.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	333	0.	0.254	3.725	-0.301	0.321	0.566	0.	0.	0.477	0.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.794								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	266	0.	66.239	8250.	0.	420077.766	648.134	0.	0.	3.	9.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	266	0.	0.336	3.916	-0.301	0.383	0.619	0.	0.	0.477	0.954
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.17								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-12/05/78	2	115.	115.	230.	0.	26450.	162.635	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-12/05/78	2	1.181	1.181	2.362	0.	2.789	1.67	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			15.166								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-07/19/94	45	2.2	4.8	38.	0.1	38.505	6.205	0.74	2.	5.7	10.16
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-07/19/94	35 ##	0.5	1.015	6.5	0.	1.929	1.389	0.1	0.1	1.	3.16
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	1775.	1775.	2200.	1350.	361250.	601.041	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	875.	875.	1100.	650.	101250.	318.198	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	04/24/91-07/19/94	4 ##	2.95	2.745	4.94	0.14	4.323	2.079	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**

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

Parameter Inventory for Station: LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34445	NAPHTHALENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	1375.	1375.	1650.	1100.	151250.	388.909	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	875.	875.	1100.	650.	101250.	318.198	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	3525.	3525.	4350.	2700.	1361250.	1166.726	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	1375.	1375.	1650.	1100.	151250.	388.909	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	1375.	1375.	1650.	1100.	151250.	388.909	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	1375.	1375.	1650.	1100.	151250.	388.909	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	1375.	1375.	1650.	1100.	151250.	388.909	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	2700.	2700.	3250.	2150.	605000.	777.817	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	1375.	1375.	1650.	1100.	151250.	388.909	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	2700.	2700.	3250.	2150.	605000.	777.817	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	07/21/92-07/19/94	2 ##	2700.	2700.	3250.	2150.	605000.	777.817	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/21/89-06/19/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	06/21/89-06/19/90	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	06/21/89-06/19/90	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	06/21/89-06/19/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	06/21/89-06/19/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/21/89-06/19/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	06/21/89-06/19/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	07/21/92-07/19/94	2 ##	1375.	1375.	1650.	1100.	151250.	388.909	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	07/21/92-07/19/94	2 ##	360.	360.	450.	270.	16200.	127.279	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/24/91-04/24/91	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	04/24/91-07/19/94	3 ##	2150.	1800.125	3250.	0.375	2731825.047	1652.823	**	**	**	**
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	06/21/89-06/19/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	07/21/92-07/19/94	3 ##	1.18	1.093	1.25	0.85	0.046	0.214	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	07/21/92-07/19/94	2 ##	0.838	0.838	1.25	0.425	0.34	0.583	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	4 ##	1.05	1.15	2.4	0.1	0.922	0.96	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/24/91-04/24/91	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/24/91-07/19/94	4 ##	7.	8.034	17.255	0.88	46.282	6.803	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	4 ##	4.8	6.056	14.425	0.2	40.689	6.379	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	4 ##	2.925	2.921	5.54	0.295	5.039	2.245	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	4 ##	1.975	2.904	7.5	0.165	10.128	3.182	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/21/89-06/19/90	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/91-07/19/94	4 ##	1.775	2.559	6.58	0.105	8.157	2.856	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/21/92-07/19/94	3 ##	3.	4.295	7.985	1.9	10.515	3.243	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	4 ##	2.4	4.213	11.86	0.19	28.293	5.319	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/91-07/19/94	4 ##	22.835	22.514	42.5	1.885	458.442	21.411	**	**	**	**
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	06/21/89-06/19/90	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	4 ##	0.538	0.506	0.85	0.1	0.103	0.322	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/24/91-07/19/94	4 ##	1.05	1.494	3.765	0.11	2.516	1.586	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/24/91-07/19/94	4 ##	2.75	5.391	15.935	0.13	52.435	7.241	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/21/92-07/19/94	2 ##	21.	21.	25.	17.	32.	5.657	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/21/92-07/19/94	2 ##	21.	21.	25.	17.	32.	5.657	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/21/92-07/19/94	2 ##	21.	21.	25.	17.	32.	5.657	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/21/92-07/19/94	2 ##	21.	21.	25.	17.	32.	5.657	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/21/92-07/19/94	2 ##	21.	21.	25.	17.	32.	5.657	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/21/92-07/19/94	2 ##	21.	21.	25.	17.	32.	5.657	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/21/92-07/19/94	2 ##	21.	21.	25.	17.	32.	5.657	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/21/89-06/19/90	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.085	0.085	0.085	0.085	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	2 ##	11.673	11.673	17.	6.345	56.765	7.534	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.315	0.315	0.315	0.315	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	4 ##	5.375	12.539	36.25	3.155	251.816	15.869	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	4 ##	4.	3.591	5.885	0.48	5.133	2.266	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.215	0.215	0.215	0.215	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/91-07/19/94	4 ##	5.375	6.578	13.4	2.16	23.828	4.881	**	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/21/92-07/19/94	2 ##	47.25	47.25	62.5	32.	465.125	21.567	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	4 ##	0.345	0.491	1.25	0.025	0.32	0.566	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.215	0.215	0.215	0.215	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	3 ##	25.	28.87	55.	6.61	596.631	24.426	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	3 ##	5.	5.567	10.5	1.2	21.863	4.676	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/21/92-07/19/94	2 ##	6.75	6.75	8.5	5.	6.125	2.475	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	04/24/91-04/24/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/91-07/19/94	4 ##	0.98	0.823	1.25	0.08	0.272	0.522	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	07/21/92-07/19/94	2 ##	785.	785.	1300.	270.	530450.	728.32	**	**	**	**
46290	BETA BHC IN SOIL (NG/G DRY WGT)	07/21/92-07/19/94	3 ##	1.25	2.367	5.	0.85	5.241	2.289	**	**	**	**
46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	07/21/92-07/19/94	3 ##	0.85	0.705	1.25	0.015	0.397	0.63	**	**	**	**
50979	E.COLI,MPN,COLI-COMPLETE #/100ML	05/05/69-05/05/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/04/70-07/19/94	12	1178.	1135.167	1520.	395.	87257.606	295.394	570.5	1000.75	1336.	1472.
71830	HYDROXIDE ION (MG/L AS OH)	06/04/70-12/10/70	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/04/70-10/13/70	3	0.1	0.167	0.4	0.	0.043	0.208	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/14/66-10/25/73	15 ##	0.2	2.053	26.4	0.2	45.443	6.741	0.2	0.2	0.2	11.16
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/12/90-07/27/93	2 ##	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/24/91-07/21/92	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/24/91-07/19/94	3	0.03	0.113	0.3	0.01	0.026	0.162	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/21/89-05/11/94	10	0.305	0.329	0.66	0.08	0.043	0.207	0.084	0.135	0.51	0.648
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/21/89-05/11/94	10 ##	0.5	0.482	0.85	0.06	0.066	0.257	0.061	0.391	0.613	0.845
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/21/89-05/11/94	10 ##	0.29	1.082	6.3	0.2	3.542	1.882	0.2	0.2	1.108	5.813
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/21/89-05/11/94	10 ##	0.2	0.326	1.32	0.12	0.128	0.358	0.12	0.18	0.35	1.223

** - 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 time series plot

Parameter Inventory for Station: LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/21/89-05/11/94	10 ##	0.11	0.127	0.2	0.1	0.002	0.04	0.1	0.1	0.148	0.2
72025	DEPTH OF POND OR RESERVOIR IN FEET	12/05/78-12/05/78	1	82.18	82.18	82.18	82.18	0.	0.	**	**	**	**
72053	DAYS SINCE PRECIPITATION EVENT DAYS	02/23/90-07/19/94	8	4.5	19.125	100.	2.	1154.411	33.977	**	**	**	**
73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	07/21/92-07/19/94	2 ##	700.	700.	850.	550.	45000.	212.132	**	**	**	**
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	07/21/92-07/19/94	2 ##	1375.	1375.	1650.	1100.	151250.	388.909	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	07/21/92-07/19/94	2 ##	6.375	6.375	6.5	6.25	0.031	0.177	**	**	**	**
79800	MIREX SEDIMENT,DRY,WT,UG/KG	07/21/92-07/19/94	3 ##	5.	4.513	6.39	2.15	4.672	2.161	**	**	**	**
80356	MERCURY, METHYL-, FISH/ANIMAL TISS, WET WT., MG/KG	04/24/91-04/24/91	5	0.29	0.264	0.48	0.125	0.022	0.148	**	**	**	**
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/21/92-07/19/94	3 ##	6.105	6.552	12.5	1.05	32.925	5.738	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/21/89-04/24/91	8	5.	4.125	5.	1.	2.696	1.642	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/21/89-04/24/91	8	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/21/89-06/19/90	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	07/21/92-07/21/92	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/21/89-06/19/90	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/21/89-06/19/90	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	07/21/92-07/21/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: LAMR0052

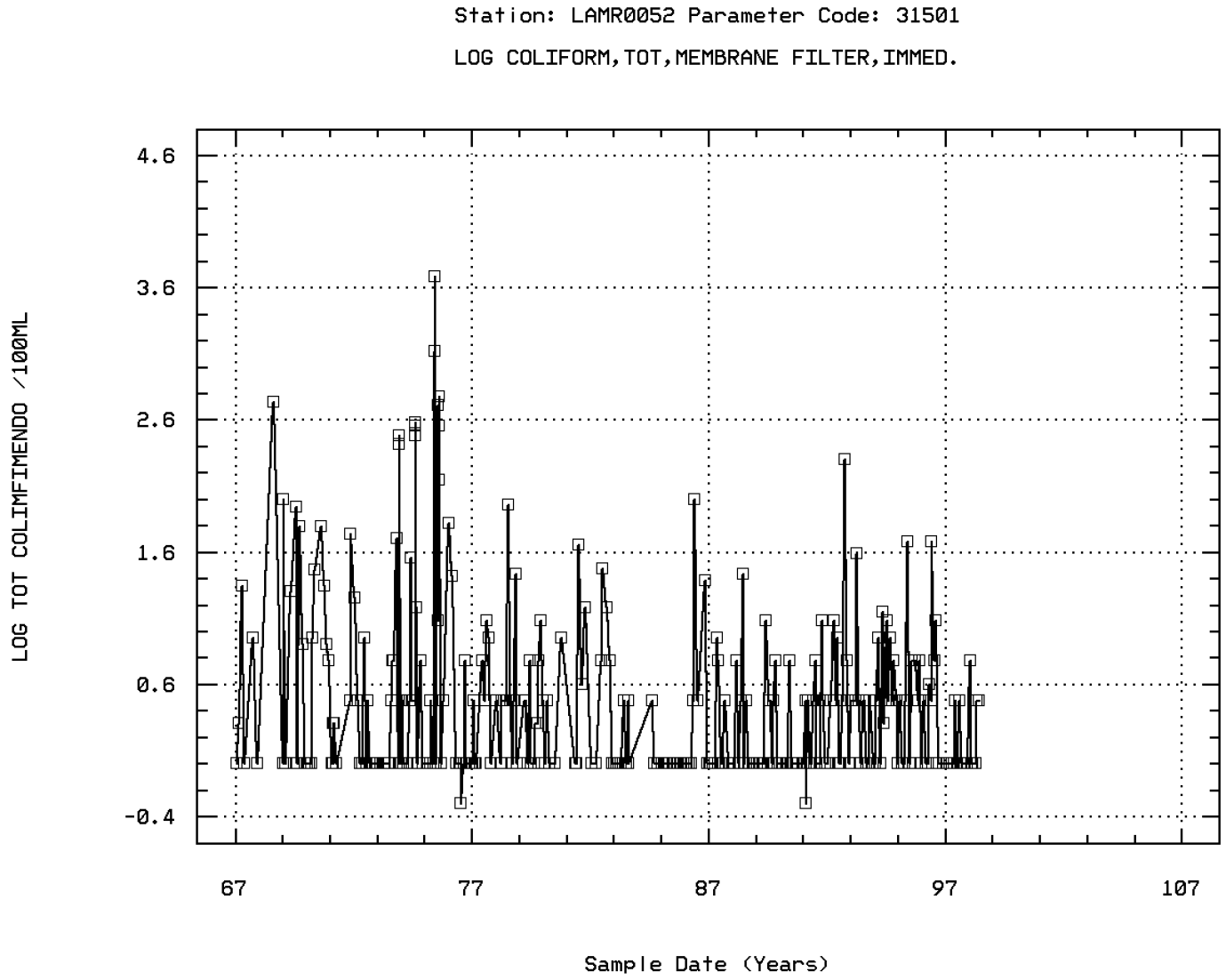
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	19	4	0.21	12	2	0.17	7	2	0.29						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	141	1	0.01	87	1	0.01	54	0	0.00						
00400	PH	Fresh Chronic	9.	128	4	0.03	79	0	0.00	49	4	0.08						
		Other-Lo Lim.	6.5	128	0	0.00	79	0	0.00	49	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	59	0	0.00	37	0	0.00	22	0	0.00						
		Other-Lo Lim.	6.5	59	0	0.00	37	0	0.00	22	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	5	0	0.00	3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	45	0	0.00	30	0	0.00	15	0	0.00						
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	113	0	0.00	69	0	0.00	44	0	0.00						
		Drinking Water	250.	113	91	0.81	69	56	0.81	44	35	0.80						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	4	0	0.00	3	0	0.00						
		Drinking Water	250.	7	7	1.00	4	4	1.00	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	75	45	0.60	47	29	0.62	28	16	0.57						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	14	0	0.00	8	0	0.00	6	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
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									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	3	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
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									
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	3	0	0.00	3	0	0.00									
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									

& - 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: LAMR0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1 &	0	0.00	1	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
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									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01220	CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	309	2	0.01	170	2	0.01	139	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	333	6	0.02	186	6	0.03	147	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	15	0	0.00	9	0	0.00	6	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

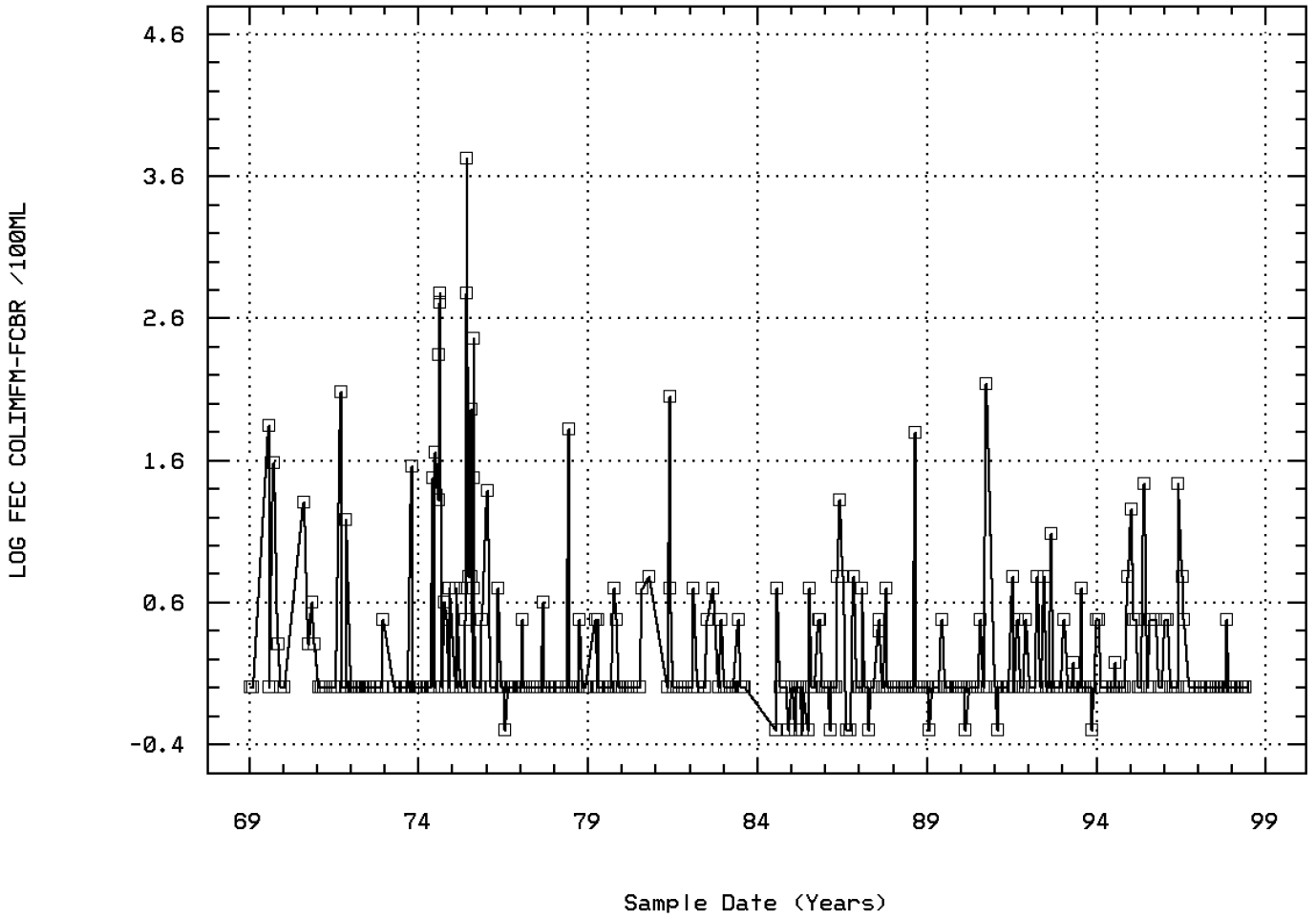
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



LAKE MEREDITH-BIG BLUE CANYON

Station: LAMR0052 Parameter Code: 31616

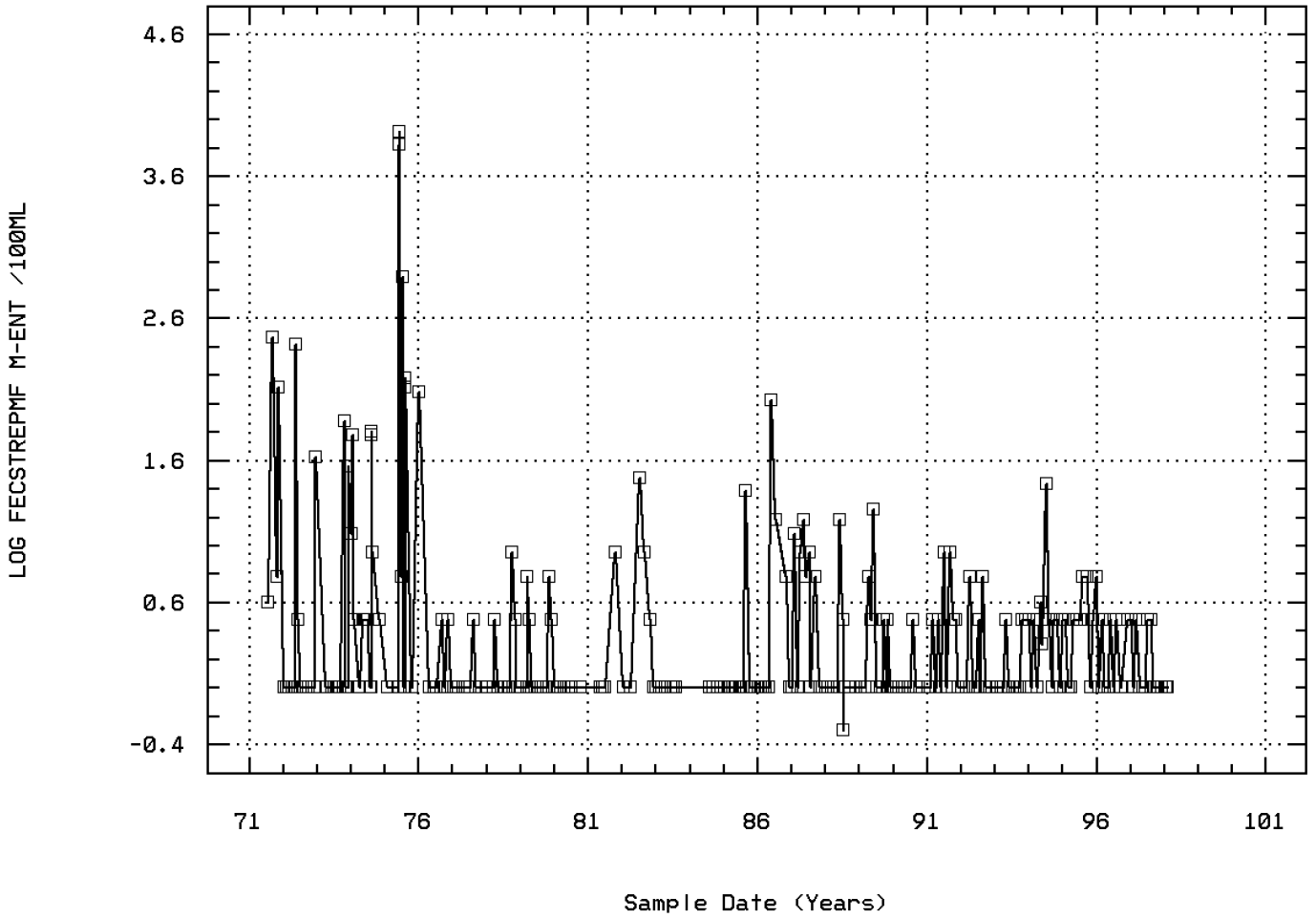
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-BIG BLUE CANYON

Station: LAMR0052 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-BIG BLUE CANYON

Annual Analysis for 1965 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	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 box-and-whisker plot

Annual Analysis for 1966 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	169.	169.	169.	169.	0.	0.	**	**	**	**

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

Annual Analysis for 1967 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	10	7.5	8.08	11.1	6.2	2.957	1.72	6.23	6.8	10.05	11.01
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	228.	228.	228.	228.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	6	1.	5.5	22.	0.	77.5	8.803	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	6	0.151	0.433	1.342	0.	0.336	0.579	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.71								

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Annual Analysis for 1968 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	5	8.1	8.18	9.5	7.2	0.837	0.915	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	2	8.4	8.4	8.5	8.3	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	2	8.389	8.389	8.5	8.3	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	2	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	6	254.	249.	260.	226.	186.8	13.667	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	1	540.	540.	540.	540.	0.	0.	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	1	2.732	2.732	2.732	2.732	0.	0.	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			540.								

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Annual Analysis for 1969 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	18	8.25	8.428	12.	5.	3.317	1.821	5.9	7.	9.4	11.1
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	17	8.2	8.271	8.5	8.	0.028	0.169	8.08	8.1	8.45	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	17	8.2	8.241	8.5	8.	0.029	0.171	8.08	8.1	8.45	8.5

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Annual Analysis for 1969 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	17	0.006	0.006	0.01	0.003	0.	0.002	0.003	0.004	0.008	0.008
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	14	232.5	174.286	283.	18.	11664.527	108.002	19.	50.	257.	273.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	9	8.	30.889	100.	0.	1683.111	41.026	0.	0.	75.	100.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	9	0.903	0.882	2.	0.	0.812	0.901	0.	0.	1.868	2.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.627								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	13.333	70.	0.	606.	24.617	0.	0.	24.	70.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	0.525	1.845	0.	0.564	0.751	0.	0.	1.29	1.845
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.35								

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Annual Analysis for 1970 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	3	9.	8.333	9.	7.	1.333	1.155	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	9	8.1	8.267	8.55	8.1	0.041	0.202	8.1	8.1	8.475	8.55
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	9	8.1	8.228	8.55	8.1	0.042	0.206	8.1	8.1	8.475	8.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	9	0.008	0.006	0.008	0.003	0.	0.002	0.003	0.003	0.008	0.008
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	9	248.	220.333	265.	15.	6103.75	78.126	15.	227.	255.5	265.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	9	8.	15.111	62.	0.	411.861	20.294	0.	0.	25.5	62.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	9	0.903	0.804	1.792	0.	0.459	0.678	0.	0.	1.402	1.792
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.363								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	5	2.	5.6	20.	0.	66.8	8.173	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	5	0.301	0.501	1.301	0.	0.245	0.495	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.17								

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Annual Analysis for 1971 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	6	8.3	8.25	8.3	8.1	0.007	0.084	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	6	8.3	8.243	8.3	8.1	0.007	0.084	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	6	0.005	0.006	0.008	0.005	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	6	280.5	238.	284.	35.	9940.8	99.704	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	7	2.	8.714	54.	0.	400.238	20.006	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	7	0.301	0.402	1.732	0.	0.38	0.617	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.521								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	13.5	120.	0.	1422.5	37.716	0.	0.	3.75	109.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	0.326	2.079	0.	0.516	0.719	0.	0.	0.294	1.989
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.116								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	4	67.5	107.25	290.	4.	18260.917	135.133	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	4	1.444	1.488	2.462	0.602	0.875	0.936	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			30.782								

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Annual Analysis for 1972 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	235.	235.	235.	235.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	12	0.	2.75	18.	0.	30.205	5.496	0.	0.	3.	15.3
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	12	0.	0.264	1.255	0.	0.192	0.438	0.	0.	0.477	1.165

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Annual Analysis for 1972 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.835								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	0.	0.231	3.	0.	0.692	0.832	0.	0.	0.	1.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	0.	0.037	0.477	0.	0.018	0.132	0.	0.	0.	0.286
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.088								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	13	0.	23.308	258.	0.	5106.231	71.458	0.	0.	1.5	171.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	13	0.	0.347	2.412	0.	0.593	0.77	0.	0.	0.239	2.096
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.224								

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Annual Analysis for 1973 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	12	3.	52.25	300.	0.	11499.477	107.236	0.	0.	39.75	287.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	12	0.477	0.759	2.477	0.	0.875	0.935	0.	0.	1.475	2.457
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.74								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	3.	36.	0.	108.	10.392	0.	0.	0.	25.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.13	1.556	0.	0.202	0.449	0.	0.	0.	1.089
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.348								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	12	0.	9.25	75.	0.	535.841	23.148	0.	0.	0.	63.3
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	12	0.	0.286	1.875	0.	0.451	0.671	0.	0.	0.	1.779
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.932								

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Annual Analysis for 1974 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	10	5.	5.	10.	1.	13.111	3.621	1.	1.	9.25	10.
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	6	8.75	9.233	11.	7.6	2.099	1.449	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.35	7.883	8.4	6.9	0.726	0.852	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.35	7.349	8.4	6.9	1.154	1.074	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	3	0.004	0.045	0.126	0.004	0.005	0.07	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	3	284.	287.667	296.	283.	52.333	7.234	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	17	3.	66.059	381.	0.	18267.434	135.157	0.	0.	25.5	364.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	17	0.477	0.854	2.581	0.	0.843	0.918	0.	0.	1.366	2.561
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.138								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	17	3.	84.588	600.	0.	34392.382	185.452	0.	0.	37.5	528.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	17	0.477	0.827	2.778	0.	1.041	1.02	0.	0.	1.565	2.722
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.714								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	14	3.	15.857	63.	0.	609.824	24.695	0.	2.25	24.	61.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	14	0.477	0.732	1.799	0.	0.423	0.65	0.	0.358	1.254	1.789
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.398								

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Annual Analysis for 1975 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	17	5.	7.412	25.	1.	49.257	7.018	1.	1.5	10.	21.
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	10	9.6	9.92	12.7	6.9	4.6	2.145	6.99	7.95	12.6	12.69
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	7	8.9	8.786	8.9	8.6	0.021	0.146	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	7	8.9	8.764	8.9	8.6	0.022	0.148	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	7	0.001	0.002	0.003	0.001	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	4	301.	300.25	310.	289.	106.917	10.34	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	15	3.	516.6	4800.	0.	1539214.971	1240.651	0.	0.	510.	2712.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	15	0.477	1.268	3.681	0.	1.927	1.388	0.	0.	2.708	3.345
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.554								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	19	5.	334.263	5310.	0.	1473627.982	1213.931	0.	0.	30.	600.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	19	0.699	0.895	3.725	0.	1.198	1.095	0.	0.	1.477	2.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.849								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	11	6.	1446.818	8250.	0.	8924396.564	2987.373	0.	0.	780.	7920.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	11	0.778	1.427	3.916	0.	2.57	1.603	0.	0.	2.892	3.897
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			26.707								

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Annual Analysis for 1976 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	9	5.	5.	12.	1.	19.25	4.387	1.	1.	9.5	12.
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	5	11.8	10.74	12.4	8.7	3.348	1.83	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	4	8.825	8.838	8.9	8.8	0.002	0.048	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	4	8.824	8.836	8.9	8.8	0.002	0.048	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	4	0.001	0.001	0.002	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	2	314.5	314.5	315.	314.	0.5	0.707	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	11	0.	8.955	66.	0.	418.623	20.46	0.	0.	6.	58.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	11	0.	0.337	1.82	-0.301	0.476	0.69	0.	0.	0.778	1.739
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.175								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	0.	3.115	24.	0.	48.006	6.929	0.	0.	3.	18.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	0.	0.214	1.38	-0.301	0.241	0.491	0.	0.	0.349	1.228
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.636								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	9	0.	14.	120.	0.	1581.75	39.771	0.	0.	3.	120.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	9	0.	0.337	2.079	0.	0.469	0.685	0.	0.	0.477	2.079
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.173								

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Annual Analysis for 1977 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	4	7.5	7.	12.	1.	24.667	4.967	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	2	8.75	8.75	8.9	8.6	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	2	8.65	8.65	8.7	8.6	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	2	8.647	8.647	8.7	8.6	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	2	0.002	0.002	0.003	0.002	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	301.	301.	301.	301.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	9	3.	3.667	12.	0.	19.75	4.444	0.	0.	7.5	12.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	9	0.477	0.418	1.079	0.	0.195	0.442	0.	0.	0.866	1.079
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.621								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	0.7	4.	0.	2.233	1.494	0.	0.	0.75	3.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	0.108	0.602	0.	0.053	0.229	0.	0.	0.119	0.59
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.282								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	8	0.	0.375	3.	0.	1.125	1.061	**	**	**	**

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Annual Analysis for 1977 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	8	0.	0.06	0.477	0.	0.028	0.169	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.147								

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Annual Analysis for 1978 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	7	5.	9.429	23.	1.	93.286	9.658	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	3	7.4	7.533	8.4	6.8	0.653	0.808	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	3	7.4	7.383	7.4	7.35	0.001	0.029	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	3	7.4	7.383	7.4	7.35	0.001	0.029	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	3	0.04	0.041	0.045	0.04	0.	0.003	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	268.	268.	268.	268.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	11	3.	12.273	90.	0.	722.618	26.882	0.	0.	3.	77.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	11	0.477	0.568	1.954	0.	0.368	0.607	0.	0.	0.477	1.85
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.699								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	5.75	66.	0.	360.75	18.993	0.	0.	0.	47.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.191	1.82	0.	0.282	0.531	0.	0.	0.	1.417
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.554								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	12	0.	1.25	9.	0.	7.295	2.701	0.	0.	2.25	7.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	12	0.	0.159	0.954	0.	0.097	0.311	0.	0.	0.358	0.811
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.442								

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Annual Analysis for 1979 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	10	1.5	3.4	10.	0.	12.044	3.471	0.1	1.	6.5	9.8
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	4	7.85	7.75	7.9	7.4	0.057	0.238	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	3	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	323.	323.	323.	323.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	10	2.5	3.4	12.	0.	14.044	3.748	0.	0.	6.	11.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	10	0.389	0.419	1.079	0.	0.139	0.373	0.	0.	0.778	1.049
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.625								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	1.273	5.	0.	3.418	1.849	0.	0.	3.	4.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.194	0.699	0.	0.076	0.275	0.	0.	0.477	0.655
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.562								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	10	0.	1.8	6.	0.	6.4	2.53	0.	0.	3.75	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	10	0.	0.251	0.778	0.	0.115	0.339	0.	0.	0.552	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.783								

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Annual Analysis for 1980 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	3	5.	4.667	8.	1.	12.333	3.512	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	2	6.35	6.35	6.4	6.3	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	378.	378.	378.	378.	0.	0.	**	**	**	**

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Annual Analysis for 1980 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	6	1.5	2.5	9.	0.	12.3	3.507	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	6	0.239	0.318	0.954	0.	0.152	0.39	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.08								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	7	0.	1.571	6.	0.	7.286	2.699	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	7	0.	0.211	0.778	0.	0.13	0.361	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.626								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	3	1.	2.	4.	1.	3.	1.732	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	378.	378.	378.	378.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	5	4.	12.8	45.	0.	361.7	19.018	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	5	0.602	0.686	1.653	0.	0.531	0.729	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.856								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	6	0.	19.333	111.	0.	2020.667	44.952	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	6	0.	0.457	2.045	0.	0.683	0.827	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.867								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	4	0.	2.25	9.	0.	20.25	4.5	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	4	0.	0.239	0.954	0.	0.228	0.477	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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Annual Analysis for 1982 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	7	10.	10.571	22.	1.	75.619	8.696	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	3	12.2	12.167	12.5	11.8	0.123	0.351	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	3	9.1	9.133	9.2	9.1	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	3	9.1	9.131	9.2	9.1	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	550.	550.	550.	550.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	7	6.	8.143	30.	0.	122.143	11.052	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	7	0.778	0.601	1.477	0.	0.374	0.612	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.994								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	8	1.5	2.	5.	0.	5.143	2.268	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	8	0.239	0.294	0.699	0.	0.106	0.325	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.968								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	6	1.5	7.	30.	0.	139.2	11.798	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	6	0.239	0.485	1.477	0.	0.382	0.618	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.053								

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Annual Analysis for 1983 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	7	15.	15.429	32.	1.	122.286	11.058	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	4	6.35	5.85	8.	2.7	6.417	2.533	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	270.	270.	270.	270.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	8	0.	0.75	3.	0.	1.929	1.389	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	8	0.	0.119	0.477	0.	0.049	0.221	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.316								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	0.444	3.	0.	1.028	1.014	0.	0.	0.5	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.13								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1984 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	13	10.	11.692	26.	1.	77.564	8.807	1.	3.	20.	24.8
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	7	9.5	8.957	11.1	7.1	2.666	1.633	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	7	8.5	8.371	8.6	8.1	0.039	0.198	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	7	8.5	8.332	8.6	8.1	0.041	0.202	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	7	0.003	0.005	0.008	0.003	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	2	265.	265.	310.	220.	4050.	63.64	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	3	0.	0.159	0.477	0.	0.076	0.275	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.442								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	5 ##	0.5	1.2	5.	0.	4.575	2.139	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	5 ##	-0.301	0.019	0.699	-0.301	0.167	0.409	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.046								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1985 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	23	10.	10.913	23.	1.	60.265	7.763	1.	5.	19.	22.2
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	13	8.8	9.269	11.6	7.7	1.817	1.348	7.74	8.2	10.8	11.44
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	13	8.4	8.392	8.5	8.3	0.006	0.076	8.3	8.3	8.45	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	13	8.4	8.386	8.5	8.3	0.006	0.076	8.3	8.3	8.45	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	13	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.004	0.005	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	4	335.	325.	370.	260.	2150.	46.368	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	14	0.	0.893	5.	0.	2.507	1.583	0.	0.	1.125	4.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	14	0.	0.054	0.699	-0.301	0.09	0.301	0.	0.	-0.106	0.588
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.131								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	11	0.	2.182	24.	0.	52.364	7.236	0.	0.	0.	19.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	11	0.	0.125	1.38	0.	0.173	0.416	0.	0.	0.	1.104
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.335								

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Annual Analysis for 1986 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	15	10.	8.	17.	1.	32.714	5.72	1.	1.	13.	16.4
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	8	8.6	9.138	12.4	6.3	5.054	2.248	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	8	8.35	8.425	9.	7.9	0.131	0.362	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	8	8.347	8.31	9.	7.9	0.146	0.382	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	8	0.004	0.005	0.013	0.001	0.	0.004	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	4	366.5	362.75	383.	335.	476.25	21.823	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	9	0.	14.333	99.	0.	1068.25	32.684	0.	0.	13.5	99.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	9	0.	0.481	1.996	0.	0.532	0.73	0.	0.	0.929	1.996
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.028								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	0.5	3.115	21.	0.	35.298	5.941	0.	0.	6.	15.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	-0.301	0.212	1.322	-0.301	0.271	0.521	0.	0.	0.778	1.105
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.629								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	9	0.	14.	105.	0.	1190.25	34.5	0.	0.	10.5	105.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	9	0.	0.442	2.021	0.	0.54	0.735	0.	0.	0.977	2.021
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.765								

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Annual Analysis for 1987 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	14	3.	5.786	18.	1.	35.258	5.938	1.	1.	10.25	16.5
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	7	10.8	10.886	11.5	10.2	0.365	0.604	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	6	8.35	8.45	8.9	8.1	0.159	0.399	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	6	8.282	8.318	8.9	8.1	0.18	0.424	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	6	0.005	0.005	0.008	0.001	0.	0.003	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	7	315.	337.857	468.	266.	4235.143	65.078	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	11	0.	1.636	9.	0.	9.655	3.107	0.	0.	3.	8.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	11	0.	0.201	0.954	0.	0.13	0.361	0.	0.	0.477	0.919
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.588								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	14	0.	1.143	5.	0.	3.632	1.906	0.	0.	2.625	5.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	14	0.	0.141	0.699	-0.301	0.09	0.301	0.	0.	0.418	0.699
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.383								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	11	6.	5.182	15.	0.	30.764	5.546	0.	0.	9.	14.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	11	0.778	0.52	1.176	0.	0.261	0.51	0.	0.	0.954	1.157
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.311								

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Annual Analysis for 1988 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	14	1.	2.5	10.	1.	9.962	3.156	1.	1.	2.	9.5
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	4	10.95	10.725	13.3	7.7	8.096	2.845	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.6	8.6	8.7	8.5	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.6	8.592	8.7	8.5	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	3	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	7	335.	345.	383.	325.	419.	20.469	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	12	0.	3.25	27.	0.	59.659	7.724	0.	0.	3.	20.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	12	0.	0.264	1.431	0.	0.207	0.455	0.	0.	0.477	1.235
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.835								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	15	0.	4.267	62.	0.	255.21	15.975	0.	0.	0.	25.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	15	0.	0.119	1.792	0.	0.214	0.463	0.	0.	0.	0.717
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.317								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	12	0.	1.542	15.	0.	18.703	4.325	0.	0.	0.375	11.4

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Annual Analysis for 1988 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	12	0.	0.113	1.176	-0.301	0.141	0.375	0.	0.	-0.226	0.966
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.296								

** - Less than 9 observations ## - Computed 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 LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	13	1.	4.231	12.	1.	18.526	4.304	1.	1.	8.5	11.6
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	5	11.4	9.64	11.8	6.3	7.083	2.661	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	5	8.56	8.48	8.57	8.3	0.015	0.124	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	5	8.56	8.465	8.57	8.3	0.016	0.125	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	5	0.003	0.003	0.005	0.003	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	7	365.	361.143	383.	335.	265.81	16.304	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	11	0.	2.455	12.	0.	14.073	3.751	0.	0.	3.	10.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	11	0.	0.299	1.079	0.	0.147	0.383	0.	0.	0.477	1.019
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.991								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.292	3.	0.	0.748	0.865	0.	0.	0.	2.25
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.015	0.477	-0.301	0.029	0.169	0.	0.	0.	0.244
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.034								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	12	0.	2.75	18.	0.	26.932	5.19	0.	0.	3.	14.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	12	0.	0.289	1.255	0.	0.169	0.412	0.	0.	0.477	1.112
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.944								

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Annual Analysis for 1990 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	12	1.	2.	10.	0.	7.818	2.796	0.3	1.	1.	8.5
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	2	9.4	9.4	11.4	7.4	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	3	7.8	7.933	8.2	7.8	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	3	7.8	7.897	8.2	7.8	0.055	0.235	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	3	0.016	0.013	0.016	0.006	0.	0.006	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	9	395.	394.444	410.	375.	108.028	10.394	375.	387.5	402.	410.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	10	0.	0.6	6.	0.	3.6	1.897	0.	0.	0.	5.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	10	0.	0.078	0.778	0.	0.061	0.246	0.	0.	0.	0.7
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.196								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	13.95	136.	0.	1839.914	42.894	0.	0.	1.125	122.7
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	10	0.	0.231	2.134	-0.301	0.482	0.694	0.	0.	-0.106	1.968
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.702								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.13								

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Annual Analysis for 1991 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	18	1.	1.444	8.	0.	3.908	1.977	0.	0.75	1.	5.3
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	4	10.25	10.2	12.1	8.2	4.58	2.14	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	4	7.	7.	7.	7.	0.	0.	**	**	**	**

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Annual Analysis for 1991 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	4	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	9	420.	426.111	480.	385.	1161.111	34.075	385.	395.	455.	480.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	13	0.5	2.346	12.	0.	12.058	3.472	0.	0.	3.	9.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	13	-0.301	0.267	1.079	-0.301	0.154	0.392	0.	0.	0.477	0.959
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.847								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	0.	0.962	6.	0.	3.519	1.876	0.	0.	1.75	4.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	13	0.	0.11	0.778	-0.301	0.083	0.288	0.	0.	0.088	0.658
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.289								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	12	1.5	2.5	9.	0.	11.182	3.344	0.	0.	3.	9.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	12	0.239	0.318	0.954	0.	0.138	0.371	0.	0.	0.477	0.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.08								

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

Annual Analysis for 1992 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	8	1.	2.	6.	1.	3.143	1.773	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	4	10.35	10.275	13.7	6.7	14.376	3.792	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.4	8.133	8.4	7.6	0.213	0.462	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.4	7.958	8.4	7.6	0.26	0.51	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	3	0.004	0.011	0.025	0.004	0.	0.012	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	4	428.	435.25	495.	390.	2430.25	49.298	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	11	3.	21.545	201.	0.	3558.273	59.651	0.	0.	9.	163.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	11	0.477	0.595	2.303	0.	0.477	0.691	0.	0.	0.954	2.058
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.936								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	2.182	12.	0.	16.364	4.045	0.	0.	6.	10.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.24	1.079	0.	0.174	0.418	0.	0.	0.778	1.019
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.736								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	11	0.	1.364	6.	0.	6.055	2.461	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	11	0.	0.185	0.778	0.	0.106	0.326	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.531								

** - Less than 9 observations ## - Computed 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 LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	17	10.	10.	22.	1.	54.375	7.374	1.	4.	17.5	20.4
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	8	8.75	8.288	9.7	6.3	1.618	1.272	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	9	8.5	8.467	8.6	8.3	0.017	0.132	8.3	8.3	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	9	8.5	8.448	8.6	8.3	0.018	0.134	8.3	8.3	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	9	0.003	0.004	0.005	0.003	0.	0.001	0.003	0.003	0.005	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	3	432.	414.333	443.	368.	1640.333	40.501	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	11	3.	5.182	39.	0.	127.964	11.312	0.	0.	3.	31.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	11	0.477	0.405	1.591	0.	0.209	0.458	0.	0.	0.477	1.368
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.54								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	14	0.	0.714	5.	0.	2.258	1.503	0.	0.	0.75	4.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	14	0.	0.075	0.699	-0.301	0.058	0.242	0.	0.	-0.182	0.588
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.189								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	11	0.	0.818	3.	0.	1.964	1.401	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	11	0.	0.13	0.477	0.	0.05	0.223	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.349								

** - Less than 9 observations ## - Computed 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 LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	8	7.5	9.5	23.	1.	80.	8.944	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	3	7.	7.	7.2	6.8	0.04	0.2	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	3	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	3	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	1	411.	411.	411.	411.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	12	3.	5.333	14.	0.	21.515	4.638	0.	2.25	9.	13.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	12	0.477	0.593	1.146	0.	0.153	0.391	0.	0.345	0.954	1.126
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.922								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	1.227	6.	0.	3.968	1.992	0.	0.	3.	5.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.173	0.778	0.	0.076	0.276	0.	0.	0.477	0.718
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.491								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	12	3.	4.	27.	0.	54.727	7.398	0.	0.	3.	20.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	12	0.477	0.393	1.431	0.	0.162	0.403	0.	0.	0.477	1.183
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.474								

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

Annual Analysis for 1995 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	11	3.	6.818	48.	0.	192.764	13.884	0.	0.	6.	39.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	11	0.477	0.495	1.681	0.	0.263	0.513	0.	0.	0.778	1.501
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.127								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	3.	5.182	27.	0.	79.364	8.909	0.	0.	3.	25.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.477	0.418	1.431	0.	0.262	0.511	0.	0.	0.477	1.396
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.617								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	11	3.	2.727	6.	0.	4.418	2.102	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	11	0.477	0.402	0.778	0.	0.08	0.283	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.522								

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

Annual Analysis for 1996 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	11	3.	6.909	48.	0.	199.291	14.117	0.	0.	6.	40.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	11	0.477	0.463	1.681	0.	0.305	0.553	0.	0.	0.778	1.561
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.905								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	3.818	27.	0.	63.164	7.948	0.	0.	3.	22.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	11	0.	0.331	1.431	0.	0.213	0.462	0.	0.	0.477	1.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.143								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	11	3.	1.909	6.	0.	4.091	2.023	0.	0.	3.	5.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	11	0.477	0.288	0.778	0.	0.083	0.289	0.	0.	0.477	0.718
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.939								

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

Annual Analysis for 1997 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	12	0.	0.5	3.	0.	1.364	1.168	0.	0.	0.	3.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	12	0.	0.08	0.477	0.	0.034	0.186	0.	0.	0.	0.477

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

Annual Analysis for 1997 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.201								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.25	3.	0.	0.75	0.866	0.	0.	0.	2.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	12	0.	0.04	0.477	0.	0.019	0.138	0.	0.	0.	0.334
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.096								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	12	0.	1.	3.	0.	2.182	1.477	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	12	0.	0.159	0.477	0.	0.055	0.235	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.442								

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

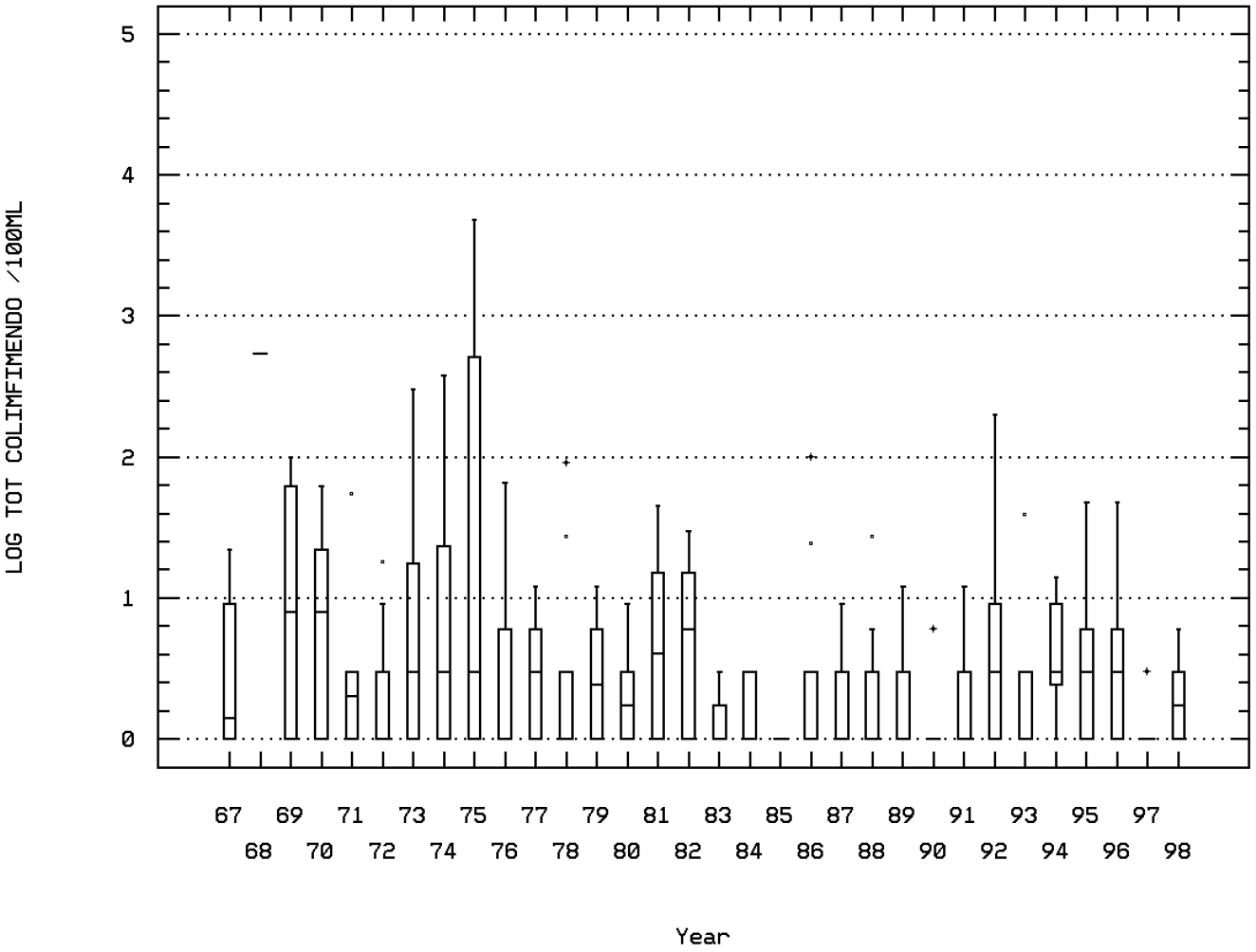
Annual Analysis for 1998 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	6	1.5	2.	6.	0.	6.	2.449	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	6	0.239	0.289	0.778	0.	0.112	0.335	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.944								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	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

Station: LAMR0052 Parameter Code: 31501

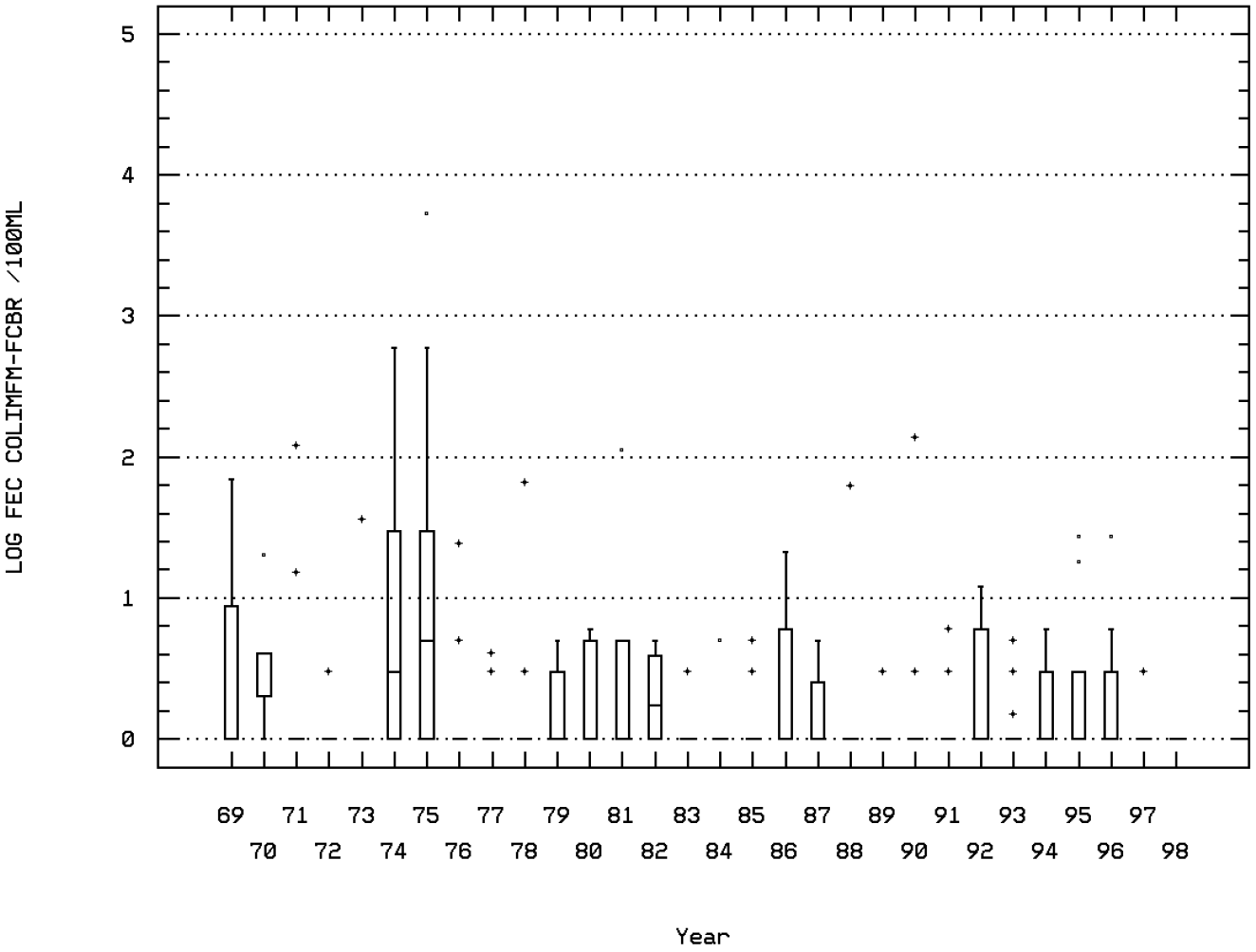
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-BIG BLUE CANYON

Station: LAMR0052 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-BIG BLUE CANYON

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	153	5.	6.712	32.	0.	52.048	7.214	1.	1.	10.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-07/19/94	67	23.5	21.791	28.	11.6	18.854	4.342	15.	17.	25.1	26.22
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-07/02/85	39	75.2	73.1	82.4	54.	48.625	6.973	62.	68.	77.9	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-08/27/79	12	30.	57.375	380.	0.5	10549.051	102.709	3.65	18.5	42.	282.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/14/66-07/19/94	79	1850.	1896.063	2640.	900.	67810.419	260.404	1600.	1793.	2000.	2240.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	36	1957.	1930.528	2432.	1434.	54243.399	232.902	1611.4	1802.	2068.25	2218.
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	87	7.8	7.832	10.8	2.7	1.529	1.236	6.38	7.1	8.7	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/65-02/11/71	11	1.5	1.809	6.	0.5	2.475	1.573	0.52	0.8	2.	5.4
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	79	8.4	8.308	8.9	6.9	0.149	0.387	8.	8.2	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	79	8.4	8.009	8.9	6.9	0.24	0.49	8.	8.2	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	79	0.004	0.01	0.126	0.001	0.	0.021	0.003	0.003	0.006	0.01
00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/07/92	37	8.3	8.376	8.8	8.1	0.025	0.157	8.2	8.3	8.5	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-12/07/92	37	8.3	8.35	8.8	8.1	0.025	0.159	8.2	8.3	8.5	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-12/07/92	37	0.005	0.004	0.008	0.002	0.	0.001	0.003	0.003	0.005	0.006
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/65-07/19/94	38	180.	180.684	222.	141.	324.276	18.008	154.8	171.	192.	202.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/14/66-12/07/92	13 ##	0.	2.769	20.	0.	33.026	5.747	0.	0.	4.	15.2
00440	BICARBONATE ION (MG/L AS HCO3)	02/01/65-10/25/73	11	215.	220.727	256.	204.	264.418	16.261	204.2	206.	231.	252.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/65-07/19/94	37	17.	205.351	1130.	4.	159077.456	398.845	5.	7.	40.5	1042.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-07/19/94	30	3.5	4.283	12.	0.5	10.684	3.269	1.	1.	7.25	8.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-07/19/94	30 ##	0.035	0.053	0.28	0.005	0.004	0.067	0.01	0.01	0.053	0.13
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-07/19/94	30 ##	0.01	0.016	0.06	0.005	0.	0.012	0.01	0.01	0.016	0.039
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-07/02/85	23	0.06	0.076	0.21	0.	0.004	0.063	0.	0.03	0.1	0.196
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-07/02/85	14 ##	0.015	0.021	0.04	0.015	0.	0.009	0.015	0.015	0.03	0.035
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-07/19/94	30	0.03	0.028	0.05	0.01	0.	0.014	0.01	0.018	0.04	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-07/19/94	30	0.01	0.012	0.06	0.005	0.	0.011	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-07/19/94	30	4.	3.943	8.	0.5	3.085	1.757	1.4	3.075	5.	6.39
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/65-07/19/94	16	258.5	262.125	316.	200.	721.85	26.867	221.	250.	282.	296.4
00916	CALCIUM, TOTAL (MG/L AS CA)	02/01/65-10/25/73	11	64.	75.	132.	54.	695.4	26.37	55.2	60.	74.	130.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/01/65-10/25/73	11	25.	32.364	122.	17.	895.855	29.931	17.	23.	27.	103.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	69	315.	308.87	480.	15.	10095.292	100.475	225.	260.5	380.5	420.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/01/65-07/19/94	47	266.	261.106	330.	160.	1199.836	34.639	214.	240.	289.	300.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/14/66-04/24/91	11 ##	0.	9.455	25.	0.	153.273	12.38	0.	0.	25.	25.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	170	3.	63.009	4800.	0.	151626.404	389.392	0.	0.	9.	50.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	170	0.477	0.621	3.681	-0.301	0.578	0.761	0.	0.	0.954	1.705
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.18								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	186	0.	46.575	5310.	0.	156652.751	395.794	0.	0.	3.25	27.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	186	0.	0.362	3.725	-0.301	0.481	0.693	0.	0.	0.508	1.445
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.302								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	149	0.	114.768	8250.	0.	746531.272	864.02	0.	0.	3.	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	149	0.	0.42	3.916	-0.301	0.518	0.72	0.	0.	0.477	1.255
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.629								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-07/19/94	30	4.1	4.996	16.5	0.1	15.45	3.931	1.585	2.	7.85	10.61
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-07/19/94	24 ##	0.6	1.115	6.5	0.1	2.338	1.529	0.1	0.1	1.	3.455
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/14/66-10/25/73	9 ##	0.2	3.289	26.4	0.2	75.231	8.674	0.2	0.2	1.	26.4

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-07/19/94	79	5.	6.709	23.	1.	44.389	6.662	1.	1.	10.	18.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-07/19/94	35	5.	5.809	12.2	2.2	8.543	2.923	2.5	3.9	7.5	11.2
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-07/02/85	26	40.	42.338	54.	31.	43.841	6.621	35.75	37.85	48.1	54.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-08/27/79	7	26.	43.286	96.	22.	746.905	27.33	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/14/66-07/19/94	41	1863.	1730.976	2620.	140.	372392.224	610.239	356.8	1603.5	2125.	2252.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	21	1844.	1795.095	2106.	1364.	48998.49	221.356	1438.	1636.	1983.5	2069.6
00300	OXYGEN, DISSOLVED MG/L	02/09/67-07/19/94	54	11.15	10.889	13.7	6.	2.785	1.669	8.75	9.775	12.025	12.65

** - 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 box-and-whisker plot

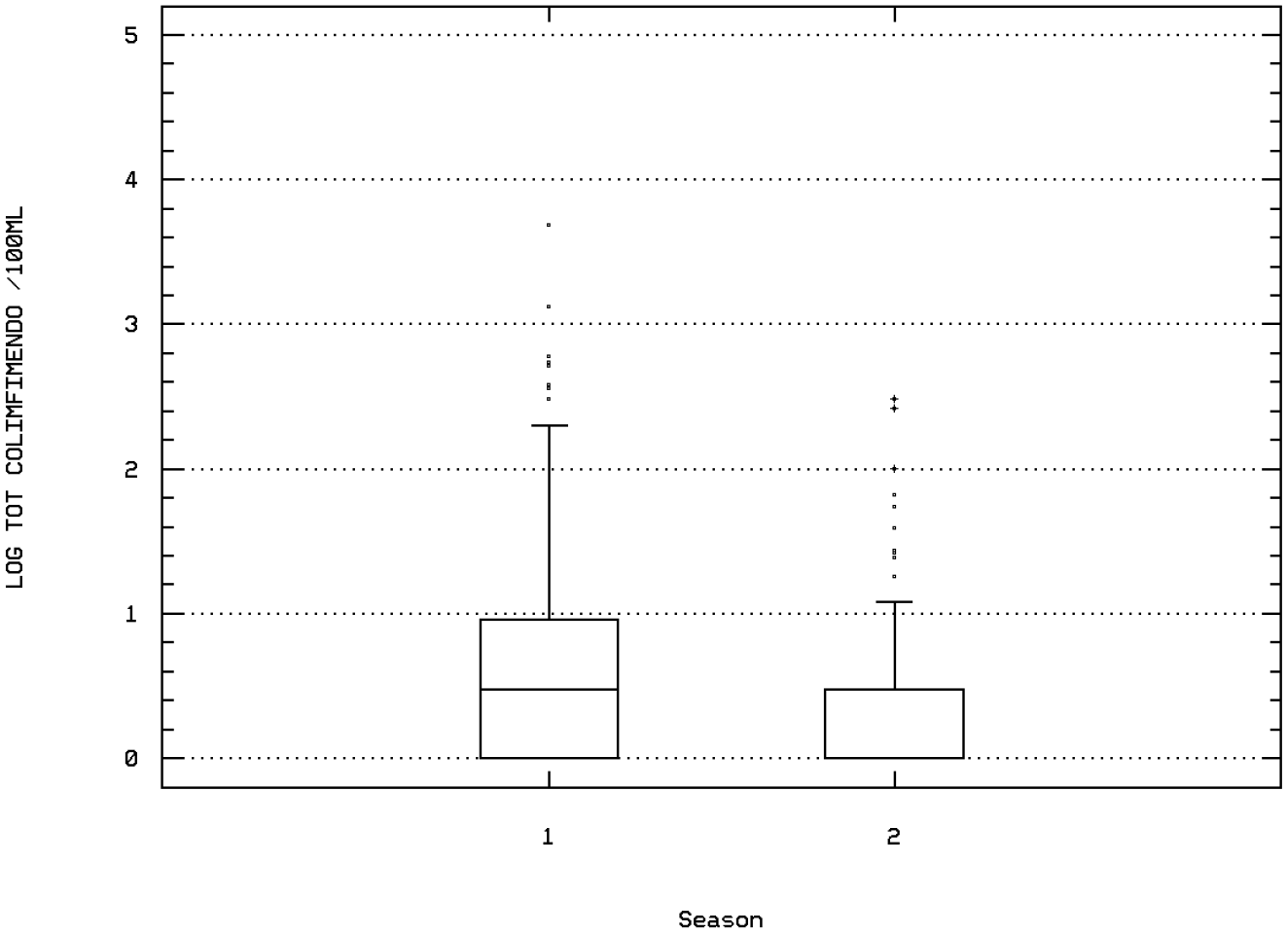
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/65-02/11/71	12	1.	1.633	7.	0.	3.884	1.971	0.	0.275	2.6	5.8
00400	PH (STANDARD UNITS)	02/01/65-07/19/94	49	8.45	8.398	9.2	7.	0.208	0.456	7.8	8.15	8.585	8.9
00400	CONVERTED PH (STANDARD UNITS)	02/01/65-07/19/94	49	8.45	8.06	9.2	7.	0.325	0.57	7.8	8.15	8.585	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/65-07/19/94	49	0.004	0.009	0.1	0.001	0.	0.02	0.001	0.003	0.007	0.016
00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/07/92	22	8.3	8.264	8.7	7.6	0.075	0.274	7.73	8.2	8.425	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-12/07/92	22	8.3	8.164	8.7	7.6	0.085	0.292	7.73	8.2	8.425	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-12/07/92	22	0.005	0.007	0.025	0.002	0.	0.006	0.003	0.004	0.006	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/65-07/19/94	22	182.	184.091	260.	70.	1280.944	35.79	153.3	175.75	192.75	234.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/14/66-12/07/92	9 ##	0.	1.	6.	0.	4.5	2.121	0.	0.	1.5	6.
00440	BICARBONATE ION (MG/L AS HCO3)	02/01/65-10/25/73	9	216.	221.889	317.	179.	1462.361	38.241	179.	206.	224.5	317.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/65-07/19/94	22	10.5	301.136	1070.	2.	197800.123	444.747	3.	4.	865.75	1023.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-07/19/94	15	1.	2.3	8.	0.5	5.171	2.274	0.5	1.	3.	6.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-07/19/94	15 ##	0.02	0.055	0.41	0.005	0.01	0.1	0.008	0.01	0.05	0.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-07/19/94	15 ##	0.01	0.019	0.1	0.005	0.001	0.025	0.008	0.01	0.015	0.07
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-07/02/85	10	0.06	0.144	0.7	0.01	0.043	0.206	0.012	0.038	0.195	0.651
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-07/02/85	7 ##	0.03	0.026	0.05	0.015	0.	0.013	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-07/19/94	15	0.02	0.038	0.23	0.	0.003	0.057	0.006	0.01	0.03	0.14
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-07/19/94	14	0.01	0.018	0.06	0.005	0.	0.017	0.005	0.01	0.023	0.055
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-07/19/94	15	3.5	4.82	12.	0.5	10.117	3.181	1.04	2.9	6.	11.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/01/65-07/19/94	9	251.	263.556	400.	199.	3040.278	55.139	199.	241.5	265.5	400.
00916	CALCIUM, TOTAL (MG/L AS CA)	02/01/65-10/25/73	9	61.	60.556	67.	53.	21.278	4.613	53.	56.5	64.	67.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/01/65-10/25/73	9	23.	27.667	66.	16.	216.75	14.722	16.	22.	26.5	66.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/65-07/19/94	44	310.	301.477	550.	18.	14032.953	118.461	109.5	250.5	384.5	429.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/01/65-07/19/94	28	257.	255.679	380.	136.	2053.189	45.312	198.2	229.25	284.5	301.4
01055	MANGANESE, TOTAL (UG/L AS MN)	01/14/66-04/24/91	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/67-06/01/98	139	0.	7.845	300.	0.	1232.949	35.113	0.	0.	3.	8.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/67-06/01/98	139	0.	0.295	2.477	-0.301	0.262	0.512	0.	0.	0.477	0.903
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.973								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	147	0.	1.153	24.	0.	9.714	3.117	0.	0.	0.5	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-06/01/98	147	0.	0.117	1.38	-0.301	0.087	0.295	0.	0.	-0.301	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.308								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/26/71-02/09/98	117	0.	4.436	129.	0.	311.834	17.659	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/26/71-02/09/98	117	0.	0.23	2.111	0.	0.193	0.44	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.7								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-07/19/94	15	2.	4.407	38.	0.1	88.764	9.421	0.34	0.9	2.8	19.16
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/16/77-07/19/94	11 ##	0.1	0.795	3.	0.	1.105	1.051	0.01	0.1	1.4	2.88
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/14/66-10/25/73	6 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Station: LAMR0052 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-BIG BLUE CANYON

Station Inventory for Station: LAMR0053

NPS Station ID: LAMR0053 | LAT/LON: 35.659559/-101.662810 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LAKE MEREDITH-MARTINS CANYON | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_CRMWA_18 /10039
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE MARTINS CANYON AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. ADDITIONAL DATA FOR THIS STATION COME FROM THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION STATION (21TXWQB - 10039) IN STORET WHICH ALSO CONTAINED CRMWA DATA FOR THIS LOCATION. ONLY THE UNIQUE DATA WERE COPIED TO THIS STATION TO FORM A COMPLETE RECORD. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460. DATA UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; TEL. 970-225-3516.

Parameter Inventory for Station: LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	37	1.	8.405	50.	1.	198.248	14.08	1.	1.	10.	36.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-12/05/74	8	22.2	17.088	24.7	6.7	73.576	8.578	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-12/05/74	19	56.	58.942	80.	37.	265.524	16.295	40.	44.	74.4	80.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	02/08/88-08/04/92	10	86.6	86.43	89.9	83.	7.436	2.727	83.04	83.625	89.2	89.83
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-08/06/74	6	23.	27.833	59.	1.	490.967	22.158	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-12/05/74	9	1800.	1750.	1800.	1650.	5625.	75.	1650.	1650.	1800.	1800.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/05/74	3	2002.	2002.	2035.	1969.	1089.	33.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/21/69-12/05/74	18	8.1	8.556	12.	5.	3.151	1.775	6.8	7.375	10.15	11.28
00310	BOD, 5 DAY, 20 DEG C MG/L	01/21/69-03/17/69	2	1.35	1.35	2.4	0.3	2.205	1.485	**	**	**	**
00400	PH (STANDARD UNITS)	01/21/69-12/05/74	13	8.4	8.331	8.6	7.2	0.131	0.361	7.64	8.3	8.55	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/21/69-12/05/74	13	8.4	8.073	8.6	7.2	0.203	0.45	7.64	8.3	8.55	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/69-12/05/74	13	0.004	0.008	0.063	0.003	0.	0.016	0.003	0.003	0.005	0.04
00403	PH, LAB, STANDARD UNITS SU	06/18/74-12/05/74	3	8.4	8.1	8.5	7.4	0.37	0.608	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-12/05/74	3	8.4	7.805	8.5	7.4	0.5	0.707	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-12/05/74	3	0.004	0.016	0.04	0.003	0.	0.021	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-10/11/71	2	175.	175.	175.	175.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/11/71-10/11/71	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-12/05/74	3	12.	10.333	14.	5.	22.333	4.726	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-12/05/74	3	2.	2.667	5.	1.	4.333	2.082	**	**	**	**

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

Parameter Inventory for Station: LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-12/05/74	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-12/05/74	3 ##	0.015	0.027	0.05	0.015	0.	0.02	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/17/69-12/05/74	7	0.04	0.093	0.2	0.	0.009	0.095	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-12/05/74	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-12/05/74	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-12/05/74	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-12/05/74	3	7.	8.	12.	5.	13.	3.606	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-06/25/75	3	262.	262.667	264.	262.	1.333	1.155	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/21/69-06/25/75	11	275.	275.727	300.	235.	441.218	21.005	239.	256.	294.	299.6
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/74-12/05/74	3	295.	303.333	330.	285.	558.333	23.629	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/69-06/25/75	7	271.	274.714	300.	260.	232.571	15.25	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/25/75-06/25/75	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/11/71	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	291	2.	15.215	1728.	0.	11708.33	108.205	0.	0.	6.	17.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	291	0.301	0.436	3.238	-0.301	0.319	0.565	0.	0.	0.778	1.239
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.729								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	288	0.	3.95	321.	0.	557.136	23.604	0.	0.	0.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	288	0.	0.148	2.507	-0.301	0.16	0.4	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.407								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	246	0.	3.748	90.	0.	96.573	9.827	0.	0.	3.	9.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	246	0.	0.292	1.954	0.	0.203	0.451	0.	0.	0.477	0.954
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.958								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	03/17/69-12/05/78	2	28.	28.	50.	6.	968.	31.113	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	03/17/69-12/05/78	2	1.239	1.239	1.699	0.778	0.424	0.651	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			17.321								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/18/74-12/05/74	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	10/03/78-12/05/78	2	82.65	82.65	83.12	82.18	0.442	0.665	**	**	**	**

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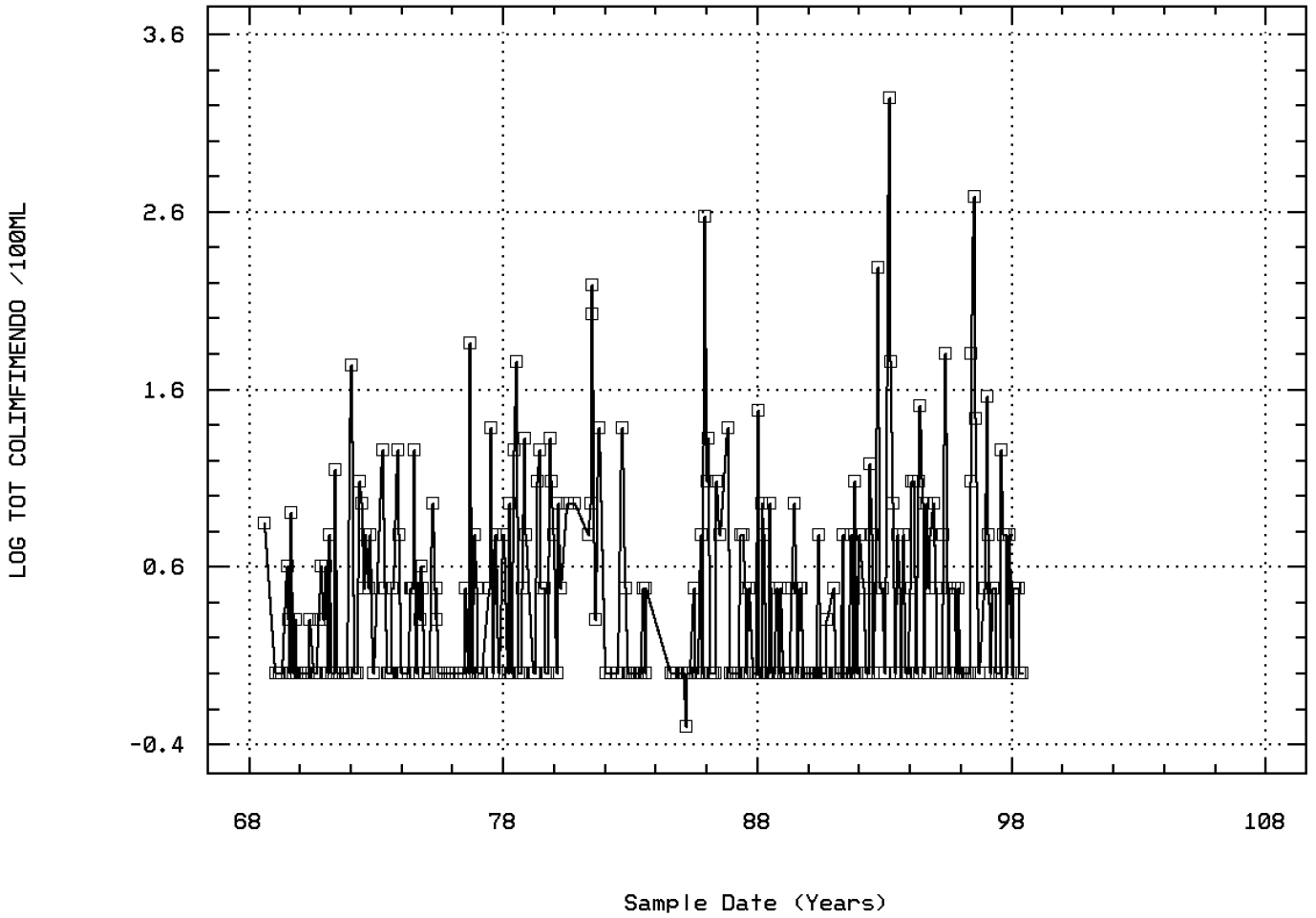
EPA Water Quality Criteria Analysis for Station: LAMR0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	1	0.17	4	1	0.25	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	9	0	0.00	9	0	0.00						
00400	PH	Fresh Chronic	9.	13	0	0.00	8	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	13	0	0.00	8	0	0.00	5	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL 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.	11	0	0.00	7	0	0.00	4	0	0.00						
		Drinking Water	250.	11	10	0.91	7	7	1.00	4	3	0.75						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	250.	3	3	1.00	2	2	1.00	1	1	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	7	1.00	6	6	1.00	1	1	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	291	1	0.00	164	0	0.00	127	1	0.01						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	288	1	0.00	164	0	0.00	124	1	0.01						

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

Station: LAMR0053 Parameter Code: 31501

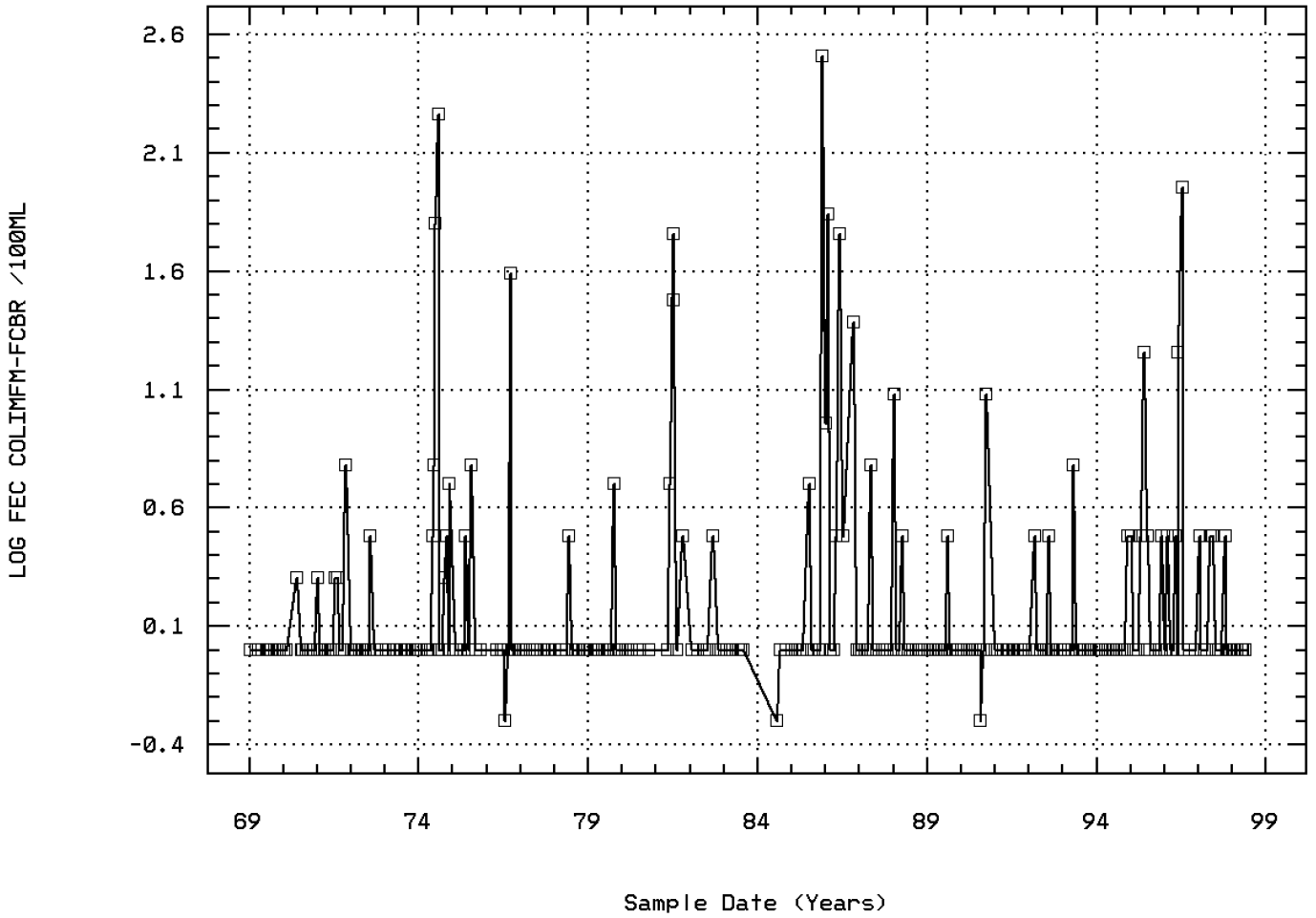
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-MARTINS CANYON

Station: LAMR0053 Parameter Code: 31616

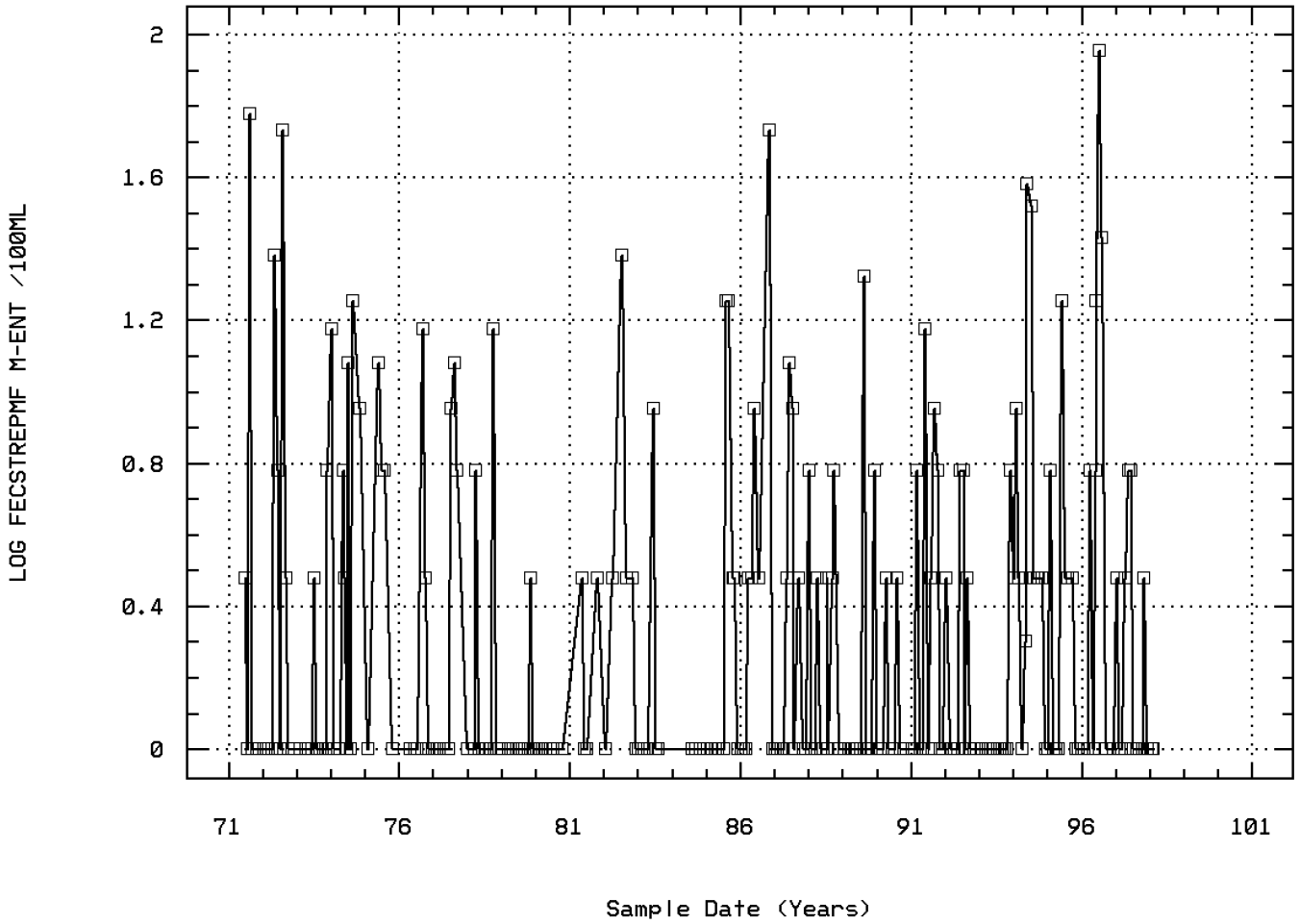
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-MARTINS CANYON

Station: LAMR0053 Parameter Code: 31679

LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



LAKE MEREDITH-MARTINS CANYON

Annual Analysis for 1968 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.								

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

Annual Analysis for 1969 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	11	0.	1.455	8.	0.	6.473	2.544	0.	0.	2.	7.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	11	0.	0.192	0.903	0.	0.096	0.309	0.	0.	0.301	0.843
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.554								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1970 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	12	0.	0.833	4.	0.	1.788	1.337	0.	0.	2.	3.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	12	0.	0.125	0.602	0.	0.041	0.201	0.	0.	0.301	0.512
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.335								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.222	2.	0.	0.444	0.667	0.	0.	0.	2.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.033	0.301	0.	0.01	0.1	0.	0.	0.	0.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.08								

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

Annual Analysis for 1971 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	8	0.	3.	14.	0.	25.143	5.014	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	8	0.	0.316	1.146	0.	0.212	0.46	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.069								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	1.083	6.	0.	3.174	1.782	0.	0.	2.	4.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.14	0.778	0.	0.058	0.242	0.	0.	0.301	0.635
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.381								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	0.	12.6	60.	0.	703.8	26.529	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.	0.451	1.778	0.	0.593	0.77	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.825								

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Annual Analysis for 1972 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	10	4.5	9.3	54.	0.	262.9	16.214	0.	0.	9.75	49.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	10	0.628	0.628	1.732	0.	0.311	0.558	0.	0.	0.985	1.667
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.243								

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Annual Analysis for 1972 - Station LAMR0053

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	01/21/69-06/01/98	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	7.909	54.	0.	284.891	16.879	0.	0.	6.	48.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.397	1.732	0.	0.4	0.633	0.	0.	0.778	1.662
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.495								

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Annual Analysis for 1973 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	9	3.	5.667	18.	0.	52.75	7.263	0.	0.	12.	18.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	9	0.477	0.524	1.255	0.	0.246	0.496	0.	0.	1.017	1.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.345								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	1.	6.	0.	4.5	2.121	0.	0.	1.5	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.139	0.778	0.	0.082	0.287	0.	0.	0.239	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.379								

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Annual Analysis for 1974 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	13	3.	3.	18.	0.	22.667	4.761	0.	0.	3.	12.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	13	0.477	0.35	1.255	0.	0.132	0.363	0.	0.	0.477	0.994
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.236								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	14	1.5	19.	183.	0.	2499.077	49.991	0.	0.	5.25	123.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	14	0.151	0.485	2.262	0.	0.515	0.718	0.	0.	0.719	2.031
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.057								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	4.5	6.3	18.	0.	46.9	6.848	0.	0.	12.75	17.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.628	0.572	1.255	0.	0.288	0.537	0.	0.	1.103	1.247
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.733								

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Annual Analysis for 1975 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	8	0.	1.75	9.	0.	9.929	3.151	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	8	0.	0.217	0.954	0.	0.122	0.349	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.646								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	1.125	6.	0.	4.982	2.232	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.157	0.778	0.	0.091	0.301	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.435								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	6.	4.8	12.	0.	25.2	5.02	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.778	0.527	1.079	0.	0.247	0.497	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.366								

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Annual Analysis for 1976 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	9	3.	9.667	72.	0.	550.75	23.468	0.	0.	4.5	72.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	9	0.477	0.452	1.857	0.	0.363	0.602	0.	0.	0.628	1.857
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.831								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	4.389	39.	0.	168.486	12.98	0.	0.	0.25	39.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.	0.143	1.591	-0.301	0.305	0.552	0.	0.	-0.151	1.591
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.391								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	2.25	15.	0.	27.643	5.258	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.207	1.176	0.	0.181	0.426	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.609								

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Annual Analysis for 1977 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	8	0.	4.125	24.	0.	69.268	8.323	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	8	0.	0.329	1.38	0.	0.267	0.517	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.135								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	3.857	12.	0.	26.143	5.113	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.402	1.079	0.	0.259	0.509	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.521								

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Annual Analysis for 1978 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	11	6.	10.909	57.	0.	286.691	16.932	0.	0.	18.	49.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	11	0.778	0.666	1.756	0.	0.388	0.623	0.	0.	1.255	1.669
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.63								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.909	15.	0.	22.091	4.7	0.	0.	0.	13.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.178	1.176	0.	0.164	0.405	0.	0.	0.	1.097
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.505								

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Annual Analysis for 1979 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	10	3.	6.9	21.	0.	66.1	8.13	0.	0.	13.5	20.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	10	0.477	0.569	1.322	0.	0.319	0.565	0.	0.	1.123	1.316
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.707								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.5	5.	0.	2.5	1.581	0.	0.	0.	4.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.07	0.699	0.	0.049	0.221	0.	0.	0.	0.629
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.175								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477

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Annual Analysis for 1979 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.13								

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Annual Analysis for 1980 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	6	7.5	6.	9.	0.	14.4	3.795	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	6	0.866	0.686	0.954	0.	0.148	0.384	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.857								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	6	16.5	49.833	153.	2.	4046.167	63.609	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	6	1.167	1.27	2.185	0.301	0.539	0.734	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.617								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	4.	15.833	57.	0.	535.767	23.147	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.588	0.735	1.756	0.	0.548	0.74	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.431								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	4	1.5	1.5	3.	0.	3.	1.732	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	4	0.239	0.239	0.477	0.	0.076	0.275	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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Annual Analysis for 1982 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	7	0.	3.857	24.	0.	80.143	8.952	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	7	0.	0.265	1.38	0.	0.273	0.523	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.842								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	7	0.	0.429	3.	0.	1.286	1.134	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	7	0.	0.068	0.477	0.	0.033	0.18	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.17								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	3.	5.5	24.	0.	84.3	9.182	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.477	0.469	1.38	0.	0.254	0.504	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.942								

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Annual Analysis for 1983 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	8	0.	0.75	3.	0.	1.929	1.389	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	8	0.	0.119	0.477	0.	0.049	0.221	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.316								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	1.125	9.	0.	10.125	3.182	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.119	0.954	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.316								

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Annual Analysis for 1984 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	3	0.	0.167	0.5	0.	0.083	0.289	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	3	0.	-0.1	0.	-0.301	0.03	0.174	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.794								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1985 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	11	0.	34.682	372.	0.	12519.814	111.892	0.	0.	3.	298.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	11	0.	0.32	2.571	-0.301	0.64	0.8	0.	0.	0.477	2.212
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.091								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	32.6	321.	0.	10270.933	101.346	0.	0.	1.25	289.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.321	2.507	0.	0.638	0.799	0.	0.	0.175	2.326
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.092								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	4.2	18.	0.	54.4	7.376	0.	0.	6.75	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.346	1.255	0.	0.267	0.517	0.	0.	0.672	1.255
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.221								

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Annual Analysis for 1986 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	9	6.	8.333	24.	0.	89.5	9.46	0.	0.	16.5	24.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	9	0.778	0.627	1.38	0.	0.382	0.618	0.	0.	1.201	1.38
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.232								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	3.	18.333	69.	0.	707.5	26.599	0.	0.	40.5	69.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	9	0.477	0.765	1.839	0.	0.559	0.748	0.	0.	1.568	1.839
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.819								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	3.	8.	54.	0.	306.	17.493	0.	0.	6.	54.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.477	0.458	1.732	0.	0.339	0.582	0.	0.	0.716	1.732

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Annual Analysis for 1986 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.868								

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Annual Analysis for 1987 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	11	0.	1.636	6.	0.	6.055	2.461	0.	0.	3.	6.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	11	0.	0.228	0.778	0.	0.109	0.331	0.	0.	0.477	0.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.691								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.6	6.	0.	3.6	1.897	0.	0.	0.	5.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.078	0.778	0.	0.061	0.246	0.	0.	0.	0.7
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.196								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	2.455	12.	0.	17.673	4.204	0.	0.	3.	11.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.272	1.079	0.	0.172	0.415	0.	0.	0.477	1.054
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.869								

** - Less than 9 observations ## - Computed 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 LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	13	0.	4.615	30.	0.	69.923	8.362	0.	0.	7.5	21.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	13	0.	0.394	1.477	0.	0.254	0.504	0.	0.	0.866	1.268
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.476								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	1.25	12.	0.	12.205	3.494	0.	0.	0.	9.3
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.13	1.079	0.	0.108	0.329	0.	0.	0.	0.899
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.348								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	1.75	6.	0.	5.659	2.379	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.249	0.778	0.	0.105	0.323	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.774								

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Annual Analysis for 1989 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	11	0.	1.909	9.	0.	7.691	2.773	0.	0.	3.	7.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	11	0.	0.26	0.954	0.	0.108	0.328	0.	0.	0.477	0.859
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.821								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.105								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	2.455	21.	0.	41.073	6.409	0.	0.	0.	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.191	1.322	0.	0.195	0.442	0.	0.	0.	1.213
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.552								

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Annual Analysis for 1990 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	10	0.	0.8	6.	0.	3.733	1.932	0.	0.	0.5	5.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	10	0.	0.108	0.778	0.	0.064	0.254	0.	0.	0.075	0.73
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.282								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	1.25	12.	0.	14.292	3.78	0.	0.	0.125	10.85
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.078	1.079	-0.301	0.133	0.364	0.	0.	-0.075	0.941
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.196								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	0.667	3.	0.	1.75	1.323	0.	0.	1.5	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.106	0.477	0.	0.044	0.21	0.	0.	0.239	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.277								

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Annual Analysis for 1991 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	12	0.	2.25	12.	0.	14.932	3.864	0.	0.	5.25	10.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	12	0.	0.259	1.079	0.	0.163	0.404	0.	0.	0.703	0.989
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.817								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	3.25	15.	0.	23.659	4.864	0.	0.	6.	13.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.347	1.176	0.	0.208	0.456	0.	0.	0.778	1.11
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.223								

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Annual Analysis for 1992 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	11	3.	21.	192.	0.	3234.6	56.874	0.	0.	6.	156.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	11	0.477	0.629	2.283	0.	0.436	0.66	0.	0.	0.778	2.062
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.261								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.221								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	1.636	6.	0.	6.055	2.461	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.228	0.778	0.	0.109	0.331	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.691								

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Annual Analysis for 1993 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	11	3.	164.455	1728.	0.	269189.673	518.835	0.	0.	9.	1393.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	11	0.477	0.726	3.238	0.	1.012	1.006	0.	0.	0.954	2.941
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.316								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.545	6.	0.	3.273	1.809	0.	0.	0.	4.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.071	0.778	0.	0.055	0.235	0.	0.	0.	0.623
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.177								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	0.545	6.	0.	3.273	1.809	0.	0.	0.	4.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.071	0.778	0.	0.055	0.235	0.	0.	0.	0.623

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Annual Analysis for 1993 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.177								

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Annual Analysis for 1994 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	12	9.	8.917	32.	0.	72.629	8.522	0.	3.	12.	26.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	12	0.954	0.778	1.505	0.	0.208	0.456	0.	0.477	1.079	1.377
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.3	3.	0.	0.9	0.949	0.	0.	0.	2.7
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	10	0.	0.048	0.477	0.	0.023	0.151	0.	0.	0.	0.429
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.116								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	3.	8.333	38.	0.	167.152	12.929	0.	2.25	7.5	36.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.477	0.601	1.58	0.	0.257	0.507	0.	0.345	0.835	1.561
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.994								

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Annual Analysis for 1995 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	11	3.	7.364	63.	0.	344.455	18.559	0.	0.	3.	51.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	11	0.477	0.408	1.799	0.	0.292	0.541	0.	0.	0.477	1.595
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.558								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	2.727	18.	0.	27.818	5.274	0.	0.	3.	15.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.288	1.255	0.	0.158	0.397	0.	0.	0.477	1.1
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.939								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	3.	18.	0.	28.8	5.367	0.	0.	3.	15.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.315	1.255	0.	0.177	0.421	0.	0.	0.477	1.16
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.065								

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Annual Analysis for 1996 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	11	0.	53.182	480.	0.	20413.964	142.877	0.	0.	27.	396.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	11	0.	0.679	2.681	0.	0.88	0.938	0.	0.	1.431	2.505
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.775								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	10.364	90.	0.	726.055	26.945	0.	0.	3.	75.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	11	0.	0.379	1.954	0.	0.427	0.654	0.	0.	0.477	1.814
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.391								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	0.	13.364	90.	0.	726.055	26.945	0.	0.	18.	77.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.	0.563	1.954	0.	0.516	0.719	0.	0.	1.255	1.85
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.659								

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Annual Analysis for 1997 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	12	4.5	7.	36.	0.	108.545	10.419	0.	0.	6.	30.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	12	0.628	0.573	1.556	0.	0.267	0.516	0.	0.	0.778	1.466
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.743								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	1.	3.	0.	2.182	1.477	0.	0.	3.	3.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	12	0.	0.159	0.477	0.	0.055	0.235	0.	0.	0.477	0.477
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.442								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	0.	1.75	6.	0.	5.659	2.379	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.	0.249	0.778	0.	0.105	0.323	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.774								

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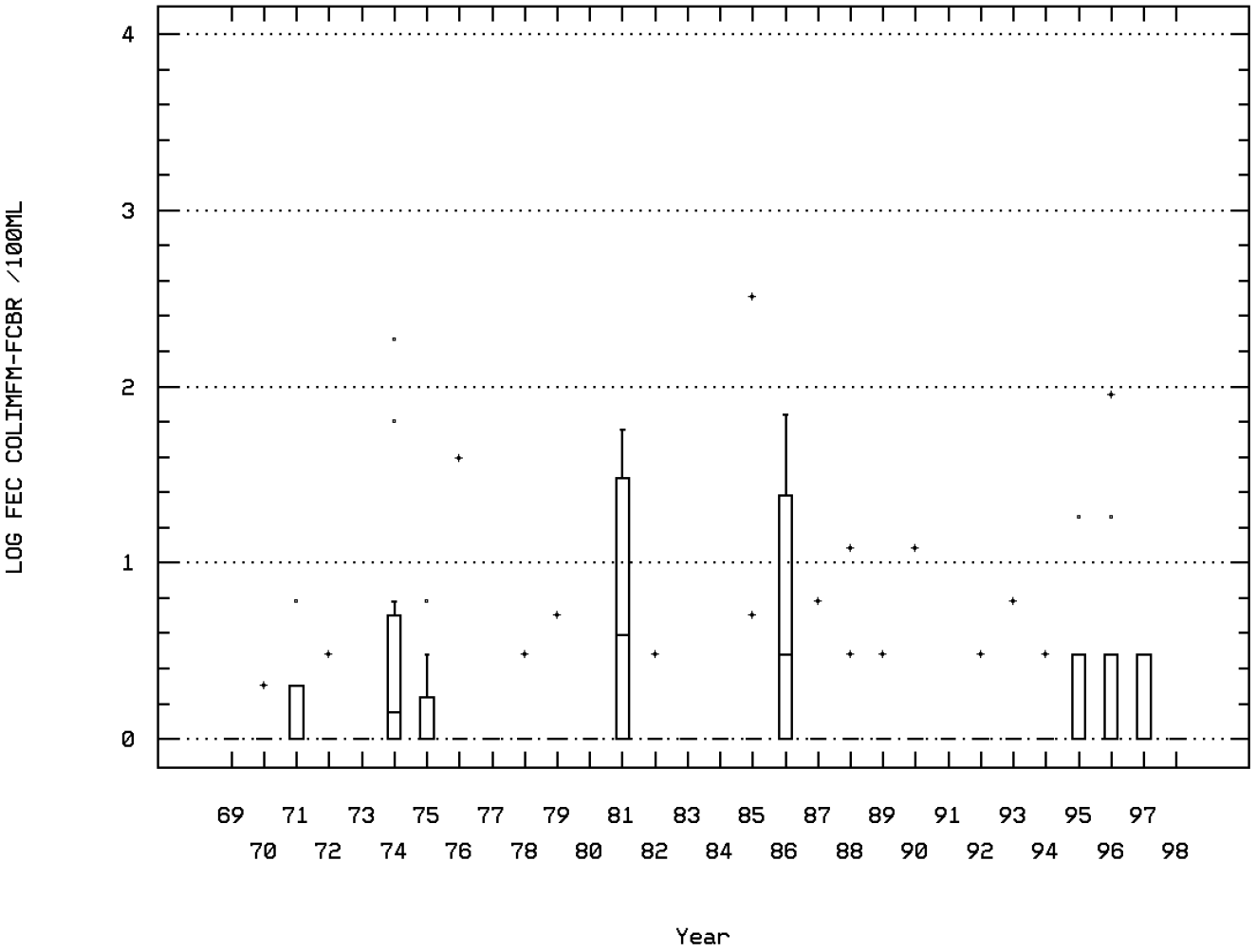
Annual Analysis for 1998 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	6	1.5	1.5	3.	0.	2.7	1.643	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	6	0.239	0.239	0.477	0.	0.068	0.261	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	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

Station: LAMR0053 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



LAKE MEREDITH-MARTINS CANYON

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	23	1.	7.696	50.	1.	193.403	13.907	1.	1.	10.	36.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	164	3.	11.116	480.	0.	1876.704	43.321	0.	0.	6.	18.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	164	0.477	0.496	2.681	0.	0.307	0.554	0.	0.	0.778	1.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.133								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	164	0.	4.058	183.	0.	324.848	18.024	0.	0.	0.5	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	164	0.	0.179	2.262	-0.301	0.186	0.431	0.	0.	-0.301	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.51								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	140	0.	5.343	90.	0.	139.651	11.817	0.	0.	6.	17.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	140	0.	0.39	1.954	0.	0.255	0.505	0.	0.	0.778	1.247
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.452								

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-08/04/92	14	1.	9.571	45.	1.	219.341	14.81	1.	1.	17.5	40.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-06/01/98	127	0.	20.508	1728.	0.	24469.837	156.428	0.	0.	4.	12.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-06/01/98	127	0.	0.359	3.238	-0.301	0.326	0.571	0.	0.	0.602	1.079
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.284								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	124	0.	3.806	321.	0.	869.458	29.487	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/21/69-06/01/98	124	0.	0.108	2.507	0.	0.124	0.352	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.281								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	106	0.	1.642	54.	0.	32.594	5.709	0.	0.	0.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	106	0.	0.163	1.732	0.	0.107	0.327	0.	0.	0.	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.454								

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Station Inventory for Station: LAMR0054

NPS Station ID: LAMR0054 | LAT/LON: 35.721003/-101.664615 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: BIG BLUE CREEK 21 MILES SE OF DUMAS | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): LAMR_RRA_1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 3000 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED APPROXIMATELY 250 YARDS UPSTREAM OF ROUTE 1913; 21 MILES SOUTHEAST OF DUMAS. THE SAMPLING SITE IS INSIDE LAKE MEREDITH NRA BOUNDARIES. THE DATA WAS COLLECTED BY THE RED RIVER AUTHORITY OF TEXAS. SURFACE WATER QUALITY MONITORING DATA COLLECTED BY THE RED RIVER AUTHORITY OF TEXAS AND OTHER TEXAS WATER AGENCIES CAN BE ACCESSED ON THE INTERNET AT WWW.RRA.DST.TX.US. GRANT PHILLIPS OF THE RED RIVER AUTHORITY IS THE RRA CONTACT FOR THE SURFACE WATER QUALITY MONITORING WEBSITE. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE; WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/97-03/25/98	12	0.5	0.458	0.5	0.2	0.01	0.1	0.23	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/97-03/25/98	11	15.9	18.564	36.1	1.1	141.759	11.906	1.98	8.	31.1	35.18
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/17/97-03/25/98	12	6.5	7.75	24.	1.	34.386	5.864	1.6	4.25	9.75	20.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/97-10/21/97	6	0.3	0.295	0.6	0.1	0.029	0.171	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/97-03/25/98	12	840.5	793.417	906.	304.	27398.992	165.526	430.9	755.25	889.	905.7
00300	OXYGEN, DISSOLVED MG/L	04/17/97-03/25/98	12	7.85	8.258	12.6	5.4	5.146	2.269	5.46	6.1	10.125	12.18
00400	PH (STANDARD UNITS)	04/17/97-03/25/98	12	8.395	8.362	8.58	8.08	0.024	0.156	8.098	8.243	8.465	8.571
00400	CONVERTED PH (STANDARD UNITS)	04/17/97-03/25/98	12	8.393	8.336	8.58	8.08	0.025	0.159	8.098	8.243	8.465	8.571
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/97-03/25/98	12	0.004	0.005	0.008	0.003	0.	0.002	0.003	0.003	0.006	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/17/97-01/28/98	4	262.5	262.25	296.	228.	778.917	27.909	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/17/97-10/21/97	3 ##	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/17/97-01/28/98	4 ##	0.065	0.145	0.4	0.05	0.029	0.171	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	04/17/97-01/28/98	4	43.75	42.65	64.1	19.	349.497	18.695	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/17/97-01/28/98	3	30.1	29.833	31.3	28.1	2.613	1.617	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	04/17/97-01/28/98	3	89.8	86.367	97.9	71.4	184.403	13.58	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/17/97-01/28/98	4	22.	18.75	26.	5.	93.583	9.674	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/17/97-01/28/98	4	147.5	158.75	210.	130.	1339.583	36.6	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/09/97-08/14/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/09/97-08/14/97	2 ##	1.025	1.025	1.4	0.65	0.281	0.53	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/97-08/14/97	2	250.	250.	300.	200.	5000.	70.711	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/09/97-08/14/97	2 ##	0.55	0.55	1.	0.1	0.405	0.636	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/09/97-08/14/97	2 ##	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**

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Parameter Inventory for Station: LAMR0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/09/97-08/14/97	2 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/97-08/14/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/97-08/14/97	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/09/97-08/14/97	2 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/97-08/14/97	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/09/97-08/14/97	2	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/97-08/14/97	2 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/09/97-08/14/97	2 ##	2.6	2.6	2.65	2.55	0.005	0.071	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/97-08/14/97	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/09/97-08/14/97	2 ##	0.325	0.325	0.33	0.32	0.	0.007	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/97-07/09/97	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/09/97-08/14/97	2	3.3	3.3	3.9	2.7	0.72	0.849	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/97-07/09/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/09/97-08/14/97	2	318.5	318.5	356.	281.	2812.5	53.033	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/09/97-08/14/97	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/09/97-08/14/97	2 ##	0.325	0.325	0.33	0.32	0.	0.007	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/97-03/25/98	12	31.	46.542	165.	0.5	2313.703	48.101	1.85	12.25	64.75	148.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/97-03/25/98	12	1.491	1.372	2.217	-0.301	0.458	0.677	-0.001	1.027	1.809	2.165
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.53								
31648	E. COLI - MTEC-MF N0/100ML	04/17/97-03/25/98	11	30.	40.182	108.	5.	1017.364	31.896	6.	22.	48.	104.4
31648	LOG E. COLI - MTEC-MF N0/1	04/17/97-03/25/98	11	1.477	1.471	2.033	0.699	0.147	0.383	0.759	1.342	1.681	2.018
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			29.562								
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/09/97-07/09/97	1 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/09/97-08/14/97	2 ##	11.	11.	11.	11.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/97-08/14/97	1 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/09/97-08/14/97	2 ##	42.5	42.5	42.5	42.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/09/97-07/09/97	1 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/09/97-08/14/97	2 ##	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/09/97-08/14/97	2 ##	21.	21.	21.	21.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/09/97-08/14/97	2 ##	21.	21.	21.	21.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/09/97-08/14/97	2 ##	21.	21.	21.	21.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/09/97-08/14/97	2 ##	21.	21.	21.	21.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/09/97-08/14/97	2 ##	21.	21.	21.	21.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/09/97-08/14/97	2 ##	21.	21.	21.	21.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
46290	BETA BHC IN SOIL (NG/G DRY WGT)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	07/09/97-08/14/97	2 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
50088	ACID VOLATILE SULFIDE TOT SED MMOL/KG	07/09/97-07/09/97	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/17/97-01/28/98	3	540.	533.333	578.	482.	2337.333	48.346	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/17/97-01/28/98	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/09/97-08/14/97	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	07/09/97-08/14/97	3	78.4	79.5	84.	76.1	16.51	4.063	**	**	**	**
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	07/09/97-08/14/97	2 ##	97.5	97.5	100.	95.	12.5	3.536	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/19/97-03/25/98	5	4.7	5.18	8.1	3.3	3.292	1.814	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	7	0	0.00	5	0	0.00						
00400	PH	Fresh Chronic	9.	12	0	0.00	7	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	12	0	0.00	7	0	0.00	5	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	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						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
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									
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	0	0.00	7	0	0.00	5	0	0.00						
31648	E. COLI, MTEC, MF	Other-Hi Lim.	126.	11	0	0.00	6	0	0.00	5	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	5	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: LAMR0055

NPS Station ID: LAMR0055 | LAT/LON: 35.537003/-101.668003 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: 018240 | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): LAMR_NURE_3 /6026827
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALIBATES RANCH TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE LAKE MEREDITH NATIONAL RECREATION AREA PARK BOUNDARIES. THE SAMPLES WERE NOT TREATED PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "ORNLID" FIELD ENTRY (OAK RIDGE GASEOUS DIFFUSION PLANT SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY OAK RIDGE GASEOUS DIFFUSION PLANT. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON AT NPS-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/78-09/13/78	1	28.2	28.2	28.2	28.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/13/78-09/13/78	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/13/78-09/13/78	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/13/78-09/13/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/78-09/13/78	2	129.5	129.5	132.	127.	12.5	3.536	**	**	**	**
00411	ALKALINITY,METHYLORANGE MG/L	09/13/78-09/13/78	1	127.	127.	127.	127.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/13/78-09/13/78	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/78-09/13/78	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/13/78-09/13/78	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/13/78-09/13/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/13/78-09/13/78	1	53.8	53.8	53.8	53.8	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/13/78-09/13/78	1	12.7	12.7	12.7	12.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/78-09/13/78	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/78-09/13/78	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/13/78-09/13/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/13/78-09/13/78	1	69.	69.	69.	69.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/13/78-09/13/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	09/13/78-09/13/78	1	131.	131.	131.	131.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/13/78-09/13/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01037	COBALT, TOTAL (UG/L AS CO)	09/13/78-09/13/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/13/78-09/13/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/13/78-09/13/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/13/78-09/13/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	09/13/78-09/13/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/13/78-09/13/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/13/78-09/13/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	09/13/78-09/13/78	1	234.	234.	234.	234.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	09/13/78-09/13/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/13/78-09/13/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/13/78-09/13/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	09/13/78-09/13/78	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	09/13/78-09/13/78	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	09/13/78-09/13/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/78-09/13/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	09/13/78-09/13/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	09/13/78-09/13/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	09/13/78-09/13/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	09/13/78-09/13/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	09/13/78-09/13/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	09/13/78-09/13/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	09/13/78-09/13/78	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
50588	URANIUM TOTAL UG/L	09/13/78-09/13/78	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	09/13/78-09/13/78	1	16199.	16199.	16199.	16199.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	09/13/78-09/13/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									
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									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	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									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: LAMR0056

NPS Station ID: LAMR0056 | LAT/LON: 35.633309/-101.670338 | Agency: 11NPSWRD | Date Created: 07/25/98
Location: Lake Meredith Reservoir Near Evans Canyon | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_IMS24-7 /IMS24-7
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
The station is located on the Evans Canyon TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Water Quality Board. Sediment analyzed for toxics. Sample taken from center of Lake Meredith near Evans Canyon." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/76-04/08/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/76-04/08/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/76-04/08/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/76-04/08/76	1	430.	430.	430.	430.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/76-04/08/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/76-04/08/76	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/76-04/08/76	1	49.	49.	49.	49.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/76-04/08/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1	45.	45.	45.	45.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/76-04/08/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/76-04/08/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

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

Station Inventory for Station: LAMR0057

NPS Station ID: LAMR0057
LAT/LON: 35.636116/-101.678338
Agency: 11EPALES
Date Created: / /
Location: LAKE MEREDITH
FIPS State/County: 48341 TEXAS/MOORE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 482303
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 49
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11090105003
RF1 Mile Point: 16.790
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: LAMR0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/74-10/28/74	19	15.	17.	46.	0.	240.333	15.503	0.	5.	30.	44.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/28/74	18	16.4	15.55	24.7	5.8	46.045	6.786	5.8	6.2	19.975	24.52
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	10/28/74-10/28/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/28/74	18	82.8	83.528	93.2	64.5	59.143	7.69	75.75	77.	90.375	93.2
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/28/74	4	39.5	40.25	60.	22.	329.583	18.154	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/28/74	18	1536.	1505.722	1894.	1130.	71345.389	267.106	1148.	1150.	1653.75	1888.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/28/74	18	1807.	1810.389	1893.	1718.	2848.487	53.371	1745.9	1767.	1841.75	1892.1
00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/28/74	16	8.	8.075	10.4	5.	2.703	1.644	5.28	7.05	9.75	10.4
00400	PH (STANDARD UNITS)	03/05/74-10/28/74	18	8.48	8.307	8.6	7.6	0.123	0.351	7.69	8.175	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	03/05/74-10/28/74	18	8.48	8.145	8.6	7.6	0.151	0.388	7.69	8.175	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/74-10/28/74	18	0.003	0.007	0.025	0.003	0.	0.007	0.003	0.003	0.008	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/28/74	18	188.	187.278	199.	175.	73.624	8.58	175.9	177.	196.25	198.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/28/74	18	0.035	0.041	0.1	0.01	0.	0.022	0.019	0.028	0.06	0.064
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/28/74	18	0.4	0.422	0.7	0.2	0.015	0.122	0.29	0.375	0.5	0.61
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/28/74	18	0.03	0.037	0.08	0.01	0.001	0.025	0.01	0.01	0.063	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/28/74	18	0.022	0.025	0.056	0.012	0.	0.01	0.013	0.019	0.03	0.038
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/28/74	18	0.009	0.009	0.013	0.001	0.	0.004	0.001	0.007	0.012	0.013
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/28/74	4	3.5	3.25	4.6	1.4	2.217	1.489	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/28/74	4	46.	41.75	50.	25.	134.25	11.587	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	12	0	0.00	4	0	0.00						
00400	PH	Fresh Chronic	9.	18	0	0.00	13	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	18	0	0.00	13	0	0.00	5	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	18	0	0.00	13	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: LAMR0058

NPS Station ID: LAMR0058
LAT/LON: 35.640976/-101.683088
Agency: 11NPSWRD
Date Created: 06/20/98
Location: LAKE MEREDITH-EVANS CANYON
FIPS State/County: 48341 TEXAS/MOORE
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): LAMR_CRMWA_19
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2915
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE EVANS CANYON TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE EVANS CANYON AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/10/70	10	49.5	56.	80.	36.	326.	18.055	36.4	40.	78.	79.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-07/15/69	3	44.	42.	68.	14.	732.	27.055	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/68-02/10/70	12	8.	8.142	12.	6.	2.397	1.548	6.3	7.	9.	11.13
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/68-03/17/69	4	0.65	0.925	2.3	0.1	0.989	0.995	**	**	**	**
00400	PH (STANDARD UNITS)	01/21/69-10/05/71	5	8.3	8.4	8.6	8.3	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/21/69-10/05/71	5	8.3	8.383	8.6	8.3	0.02	0.143	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/21/69-10/05/71	5	0.005	0.004	0.005	0.003	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/71-10/05/71	2	180.	180.	180.	180.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/05/71-10/05/71	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/17/69-10/05/71	3	0.22	0.637	1.5	0.19	0.559	0.748	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/71-10/05/71	2	250.	250.	250.	250.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/68-10/05/71	7	270.	275.571	320.	252.	648.619	25.468	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/69-10/05/71	3	300.	300.	300.	300.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/05/71-10/05/71	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	200	0.	8.41	306.	0.	709.439	26.635	0.	0.	6.	17.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	200	0.	0.431	2.486	0.	0.315	0.561	0.	0.	0.778	1.25
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.7								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	203	0.	6.862	261.	0.	867.813	29.459	0.	0.	3.	8.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	203	0.	0.253	2.417	0.	0.248	0.498	0.	0.	0.477	0.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.791								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0058

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.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	174	0.	12.494	216.	0.	860.668	29.337	0.	0.	6.75	40.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	174	0.	0.503	2.334	0.	0.422	0.65	0.	0.	0.822	1.607
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.186								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/05/78-12/05/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/05/78-12/05/78	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	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 time series plot

EPA Water Quality Criteria Analysis for Station: LAMR0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	1	0.33	1	1	1.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	6	0	0.00	6	0	0.00						
00400	PH	Fresh Chronic	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	5	0	0.00	2	0	0.00						
		Drinking Water	250.	7	7	1.00	5	5	1.00	2	2	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	3	1.00	3	3	1.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	200	0	0.00	115	0	0.00	85	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	203	2	0.01	117	2	0.02	86	0	0.00						

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

Annual Analysis for 1969 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	3	1.	1.	2.	0.	1.	1.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	3	0.	0.1	0.301	0.	0.03	0.174	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.26								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

Annual Analysis for 1970 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	5	0.	0.4	2.	0.	0.8	0.894	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	5	0.	0.06	0.301	0.	0.018	0.135	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.149								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	5	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

Annual Analysis for 1971 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	8	1.	3.	12.	0.	18.286	4.276	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	8	0.151	0.345	1.079	0.	0.182	0.426	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.213								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	12	0.	1.75	8.	0.	9.477	3.079	0.	0.	2.75	8.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	12	0.	0.215	0.903	0.	0.127	0.356	0.	0.	0.433	0.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.642								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	5	24.	39.	122.	3.	2411.	49.102	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	5	1.38	1.234	2.086	0.477	0.468	0.684	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			17.132								

** - Less than 9 observations ## - Computed 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 1972 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	10	6.	9.9	57.	0.	296.1	17.208	0.	0.	9.75	52.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	10	0.716	0.617	1.756	0.	0.377	0.614	0.	0.	0.985	1.688
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.145								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	0.	1.636	6.	0.	6.055	2.461	0.	0.	3.	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	0.	0.228	0.778	0.	0.109	0.331	0.	0.	0.477	0.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.691								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	11	6.	15.545	69.	0.	626.073	25.021	0.	0.	21.	67.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	11	0.778	0.705	1.839	0.	0.487	0.698	0.	0.	1.322	1.827
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.065								

** - Less than 9 observations ## - Computed 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 1973 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	9	6.	10.333	30.	0.	128.5	11.336	0.	0.	19.5	30.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	9	0.778	0.736	1.477	0.	0.362	0.602	0.	0.	1.255	1.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.444								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.13								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	9	0.	1.667	6.	0.	4.75	2.179	0.	0.	3.	6.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	9	0.	0.246	0.778	0.	0.093	0.305	0.	0.	0.477	0.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.76								

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Annual Analysis for 1974 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	13	3.	6.692	33.	0.	112.897	10.625	0.	0.	9.5	29.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	13	0.477	0.493	1.519	0.	0.298	0.545	0.	0.	0.889	1.463
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.112								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	3.	11.091	63.	0.	469.091	21.659	0.	0.	4.	59.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	0.477	0.51	1.799	0.	0.429	0.655	0.	0.	0.602	1.77
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.237								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	10	10.5	24.	114.	0.	1130.	33.615	0.3	7.5	27.75	106.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	10	1.017	1.077	2.057	0.	0.327	0.572	0.048	0.835	1.433	2.01
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			11.938								

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Annual Analysis for 1975 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	8	0.	4.75	24.	0.	70.786	8.413	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	8	0.	0.383	1.38	0.	0.308	0.555	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.414								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	33.375	216.	0.	5593.982	74.793	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	0.639	2.334	0.	0.867	0.931	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.35								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	5	42.	36.6	96.	0.	1576.8	39.709	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	5	1.623	1.052	1.982	0.	0.942	0.97	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			11.265								

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Annual Analysis for 1976 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	8	0.	12.125	90.	0.	992.696	31.507	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	8	0.	0.379	1.954	0.	0.466	0.682	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.394								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	8.25	57.	0.	392.786	19.819	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	0.376	1.756	0.	0.398	0.631	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.379								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	6	0.	10.5	54.	0.	467.1	21.612	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	6	0.	0.448	1.732	0.	0.542	0.736	**	**	**	**

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Annual Analysis for 1976 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.804								

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Annual Analysis for 1977 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	8	0.	1.5	6.	0.	5.143	2.268	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	8	0.	0.217	0.778	0.	0.098	0.313	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.646								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	7	0.	1.714	6.	0.	8.571	2.928	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	7	0.	0.222	0.778	0.	0.144	0.38	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.669								

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Annual Analysis for 1978 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	10	3.	8.7	39.	0.	146.9	12.12	0.	0.	15.	36.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	10	0.477	0.633	1.591	0.	0.321	0.566	0.	0.	1.176	1.55
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.294								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	0.	0.818	6.	0.	3.764	1.94	0.	0.	0.	5.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	0.	0.114	0.778	0.	0.069	0.263	0.	0.	0.	0.718
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.301								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	11	0.	4.909	27.	0.	70.691	8.408	0.	0.	9.	24.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	11	0.	0.402	1.431	0.	0.28	0.53	0.	0.	0.954	1.361
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.522								

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Annual Analysis for 1979 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	9	3.	10.667	54.	0.	299.5	17.306	0.	0.	13.5	54.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	9	0.477	0.65	1.732	0.	0.381	0.617	0.	0.	1.105	1.732
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.467								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	9	0.	1.667	12.	0.	16.	4.	0.	0.	1.5	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	9	0.	0.173	1.079	0.	0.14	0.375	0.	0.	0.239	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.489								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	8	0.	4.5	36.	0.	162.	12.728	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	8	0.	0.195	1.556	0.	0.303	0.55	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.565								

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Annual Analysis for 1980 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	5	3.	1.8	3.	0.	2.7	1.643	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	5	0.477	0.286	0.477	0.	0.068	0.261	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.933								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	5	0.	1.2	3.	0.	2.7	1.643	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	5	0.	0.191	0.477	0.	0.068	0.261	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.552								

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Annual Analysis for 1981 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	2	49.	49.	96.	2.	4418.	66.468	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	2	1.142	1.142	1.982	0.301	1.413	1.189	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.856								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.732								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	1	36.	36.	36.	36.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	1	1.556	1.556	1.556	1.556	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			36.								

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Annual Analysis for 1982 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	6	0.	2.	9.	0.	13.2	3.633	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	6	0.	0.239	0.954	0.	0.159	0.399	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	6	0.	1.	6.	0.	6.	2.449	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	6	0.	0.13	0.778	0.	0.101	0.318	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.348								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	5	0.	18.6	90.	0.	1594.8	39.935	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	5	0.	0.486	1.954	0.	0.716	0.846	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.064								

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Annual Analysis for 1983 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	8	0.	1.125	3.	0.	2.411	1.553	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	8	0.	0.179	0.477	0.	0.061	0.247	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.51								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	0.375	3.	0.	1.125	1.061	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	0.06	0.477	0.	0.028	0.169	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.147								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	8	0.	1.875	12.	0.	17.839	4.224	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	8	0.	0.195	1.079	0.	0.156	0.395	**	**	**	**

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Annual Analysis for 1983 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.565								

** - Less than 9 observations ## - Computed 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 LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.732								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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Annual Analysis for 1985 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	10	1.5	34.5	306.	0.	9132.5	95.564	0.	0.	12.75	276.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	10	0.239	0.617	2.486	0.	0.673	0.82	0.	0.	1.103	2.355
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.142								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	10	0.	27.3	261.	0.	6748.9	82.152	0.	0.	6.	235.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	10	0.	0.397	2.417	0.	0.608	0.78	0.	0.	0.778	2.253
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.496								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	10	1.5	12.	102.	0.	1008.	31.749	0.	0.	4.5	92.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	10	0.239	0.439	2.009	0.	0.411	0.641	0.	0.	0.596	1.903
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.751								

** - Less than 9 observations ## - Computed 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 LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	10	1.5	16.2	81.	0.	1016.4	31.881	0.	0.	20.25	80.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	10	0.239	0.52	1.908	0.	0.564	0.751	0.	0.	0.822	1.903
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.309								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	10	0.	28.8	177.	0.	3720.4	60.995	0.	0.	30.	169.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	10	0.	0.551	2.248	0.	0.765	0.875	0.	0.	1.086	2.224
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.558								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	10	3.	32.7	216.	0.	4860.9	69.72	0.	0.	30.75	203.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	10	0.389	0.691	2.334	0.	0.757	0.87	0.	0.	1.294	2.295
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.908								

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Annual Analysis for 1987 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	11	3.	3.545	12.	0.	19.473	4.413	0.	0.	9.	11.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	11	0.477	0.402	1.079	0.	0.189	0.435	0.	0.	0.954	1.054
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.522								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	10	0.	1.2	6.	0.	4.4	2.098	0.	0.	3.	5.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	10	0.	0.173	0.778	0.	0.085	0.291	0.	0.	0.477	0.748
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.49								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	11	3.	18.	129.	0.	1467.	38.301	0.	0.	21.	109.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	11	0.477	0.651	2.111	0.	0.514	0.717	0.	0.	1.322	1.992
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.477								

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Annual Analysis for 1988 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	11	0.	6.	21.	0.	63.	7.937	0.	0.	12.	20.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	11	0.	0.49	1.322	0.	0.336	0.58	0.	0.	1.079	1.309
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.09								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	3.	3.273	9.	0.	15.218	3.901	0.	0.	9.	9.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	0.477	0.39	0.954	0.	0.174	0.417	0.	0.	0.954	0.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.457								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	10	1.5	8.1	24.	0.	124.1	11.14	0.	0.	24.	24.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	10	0.239	0.54	1.38	0.	0.404	0.636	0.	0.	1.38	1.38
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.464								

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Annual Analysis for 1989 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	11	0.	1.909	12.	0.	14.891	3.859	0.	0.	3.	10.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	11	0.	0.212	1.079	0.	0.15	0.388	0.	0.	0.477	1.019
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.63								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	0.	0.545	3.	0.	1.473	1.214	0.	0.	0.	3.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	11	0.	0.087	0.477	0.	0.037	0.193	0.	0.	0.	0.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.221								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	11	0.	0.818	3.	0.	1.964	1.401	0.	0.	3.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	11	0.	0.13	0.477	0.	0.05	0.223	0.	0.	0.477	0.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.349								

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Annual Analysis for 1990 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	10	0.	1.9	16.	0.	25.433	5.043	0.	0.	0.75	14.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	10	0.	0.168	1.204	0.	0.155	0.394	0.	0.	0.119	1.131
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.473								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	9	0.	8.889	74.	0.	597.861	24.451	0.	0.	3.	74.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	9	0.	0.314	1.869	0.	0.383	0.619	0.	0.	0.477	1.869
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.059								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	9	0.	0.333	3.	0.	1.	1.	0.	0.	0.	3.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	9	0.	0.053	0.477	0.	0.025	0.159	0.	0.	0.	0.477

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Annual Analysis for 1990 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.13								

** - Less than 9 observations ## - Computed 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 LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	12	0.	11.	48.	0.	316.364	17.787	0.	0.	18.	47.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	12	0.	0.547	1.681	0.	0.503	0.71	0.	0.	1.23	1.673
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.524								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	12	1.5	4.75	18.	0.	41.659	6.454	0.	0.	9.	17.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	12	0.239	0.441	1.255	0.	0.264	0.513	0.	0.	0.954	1.232
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.762								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	12	3.	17.917	96.	0.	938.811	30.64	0.	0.75	24.	86.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	12	0.477	0.74	1.982	0.	0.469	0.684	0.	0.119	1.335	1.927
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.501								

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Annual Analysis for 1992 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	7	3.	18.429	105.	0.	1471.286	38.357	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	7	0.477	0.698	2.021	0.	0.492	0.702	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.985								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	13.5	102.	0.	1280.571	35.785	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	8	0.	0.37	2.009	0.	0.485	0.696	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.346								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	8	0.	12.375	81.	0.	795.696	28.208	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	8	0.	0.445	1.908	0.	0.524	0.724	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.787								

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Annual Analysis for 1998 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	115	2.	10.948	306.	0.	1126.208	33.559	0.	0.	9.	22.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	115	0.301	0.485	2.486	0.	0.363	0.602	0.	0.	0.954	1.345
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.052								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	117	0.	10.282	261.	0.	1391.566	37.304	0.	0.	3.	10.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	117	0.	0.329	2.417	0.	0.332	0.576	0.	0.	0.477	1.014
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.134								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	100	3.	19.19	216.	0.	1305.206	36.128	0.	0.	24.	68.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	100	0.477	0.682	2.334	0.	0.533	0.73	0.	0.	1.38	1.835
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.812								

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Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/07/69-06/01/98	85	0.	4.976	72.	0.	131.523	11.468	0.	0.	3.5	13.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/07/69-06/01/98	85	0.	0.359	1.857	0.	0.245	0.495	0.	0.	0.54	1.118
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.287								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	86	0.	2.209	102.	0.	125.25	11.192	0.	0.	0.	3.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/69-06/01/98	86	0.	0.15	2.009	0.	0.118	0.344	0.	0.	0.	0.567
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.412								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-10/05/92	74	0.	3.446	87.	0.	125.182	11.188	0.	0.	3.	7.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-10/05/92	74	0.	0.261	1.94	0.	0.174	0.417	0.	0.	0.477	0.866
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.825								

** - Less than 9 observations ## - Computed 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: LAMR0059

NPS Station ID: LAMR0059
LAT/LON: 35.587698/-101.704837
Agency: 11NPSWRD
Date Created: 06/20/98
Location: LAKE MEREDITH-ALIBATES
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): LAMR_CRMWA_23
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2915
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALIBATES RANCH TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE ALIBATES AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/21/69-02/10/70	11	45.	51.909	80.	36.	259.491	16.109	36.4	40.	61.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/21/69-01/12/70	10	81.	90.2	197.	35.	3379.511	58.134	35.1	42.	121.75	195.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	172	2032.	2076.471	4495.	668.	217407.128	466.269	1522.5	1836.25	2352.	2608.7
00300	OXYGEN, DISSOLVED MG/L	01/17/67-02/10/70	22	8.15	8.105	11.	3.9	3.721	1.929	5.65	6.675	10.	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/67-02/11/71	16	2.	3.5	25.	0.25	36.442	6.037	0.25	0.775	2.85	13.1
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	189	8.2	8.151	8.6	2.	0.265	0.514	7.8	8.	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	189	8.2	4.276	8.6	2.	15.356	3.919	7.8	8.	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	189	0.006	52.918	10000.	0.003	529099.7	727.392	0.003	0.004	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	167	178.	175.76	208.	105.	275.159	16.588	155.8	170.	185.	191.4
00411	ALKALINITY,METHYLORANGE MG/L	03/02/98-06/01/98	4	210.	204.5	220.	178.	401.	20.025	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	167 ##	0.	0.886	8.	0.	2.704	1.644	0.	0.	2.	3.
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	163	216.	211.939	254.	128.	424.206	20.596	189.4	205.	223.	232.
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	162 ##	0.	1.167	16.	0.	6.314	2.513	0.	0.	2.	4.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	158	1160.	1140.873	2228.	424.	46971.283	216.729	899.9	1050.	1240.	1362.4
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/86-01/20/98	30 ##	0.005	0.017	0.09	0.005	0.	0.022	0.005	0.005	0.03	0.049
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-10/11/71	13	0.22	0.193	0.6	0.	0.027	0.164	0.	0.05	0.27	0.484
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	169	269.	263.456	459.	91.	2925.404	54.087	195.	244.5	285.5	309.
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	166	62.	63.229	140.	7.	280.941	16.761	48.	56.	67.	77.9
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	165	27.	27.685	59.	7.	53.522	7.316	19.6	24.	31.	37.
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	177	275.	282.633	608.	89.	4622.495	67.989	202.	241.5	331.	366.4
00937	POTASSIUM, TOTAL MG/L AS K)	06/04/70-01/09/75	4	5.	7.5	20.	0.	77.667	8.813	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	204	298.5	311.926	822.	32.	7418.295	86.13	224.5	266.25	369.75	409.5

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

Parameter Inventory for Station: LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	177	269.	264.588	471.	82.	3485.551	59.039	191.6	235.5	295.5	323.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	157	0.8	0.819	1.5	0.	0.051	0.226	0.6	0.7	0.9	1.1
01007	BARIUM, TOTAL (UG/L AS BA)	04/12/93-07/19/93	2	232.5	232.5	245.	220.	312.5	17.678	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/12/93-07/19/93	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/12/93-07/19/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/12/93-07/19/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/20/66-07/19/93	74	180.	642.432	4400.	0.	983180.304	991.554	10.	60.	902.5	1800.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/20/66-07/19/93	78 ##	20.	16.365	40.	0.	105.945	10.293	2.	9.25	25.	25.
01067	NICKEL, TOTAL (UG/L AS NI)	04/12/93-07/19/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/12/93-07/19/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/12/93-07/19/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/30/70-07/19/93	3	2700.	1886.667	2960.	0.	2686533.333	1639.065	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	291	4.	29.237	960.	0.	7472.547	86.444	0.	0.	21.	74.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	291	0.602	0.789	2.982	0.	0.532	0.729	0.	0.	1.322	1.871
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.148								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	276	0.	11.457	432.	0.	1426.118	37.764	0.	0.	6.	27.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	276	0.	0.451	2.635	0.	0.372	0.61	0.	0.	0.778	1.431
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.828								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	6.	6.	9.	3.	9.	3.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/02/98-05/04/98	3	0.778	0.737	0.954	0.477	0.058	0.241	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			5.451								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	235	3.	24.247	894.	0.	7033.46	83.866	0.	0.	15.	40.2
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	235	0.477	0.678	2.951	0.	0.493	0.702	0.	0.	1.176	1.604
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.761								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	124.	118.667	184.	48.	4645.333	68.157	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/18/69-12/05/78	3	2.093	2.013	2.265	1.681	0.09	0.3	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			103.077								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/28/70-05/05/98	6	1160.5	1162.833	1336.	1005.	13958.167	118.145	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	02/28/70-12/10/70	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/04/70-07/30/70	2 ##	0.15	0.15	0.3	0.	0.045	0.212	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	126 ##	0.2	0.451	5.5	0.005	0.795	0.891	0.01	0.09	0.325	0.8
71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	05/05/70-05/05/70	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/11/88-04/03/95	9	87.5	86.111	89.9	80.8	12.461	3.53	80.8	81.9	88.75	89.9

** - 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: LAMR0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	6	0.60	4	4	1.00	6	2	0.33						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	1	0.05	13	1	0.08	9	0	0.00						
00400	PH	Fresh Chronic	9.	189	0	0.00	104	0	0.00	85	0	0.00						
		Other-Lo Lim.	6.5	189	1	0.01	104	1	0.01	85	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	30	0	0.00	16	0	0.00	14	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	204	0	0.00	111	0	0.00	93	0	0.00						
		Drinking Water	250.	204	170	0.83	111	84	0.76	93	86	0.92						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	177	114	0.64	102	57	0.56	75	57	0.76						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	157	0	0.00	87	0	0.00	70	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00	1	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	4.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						

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

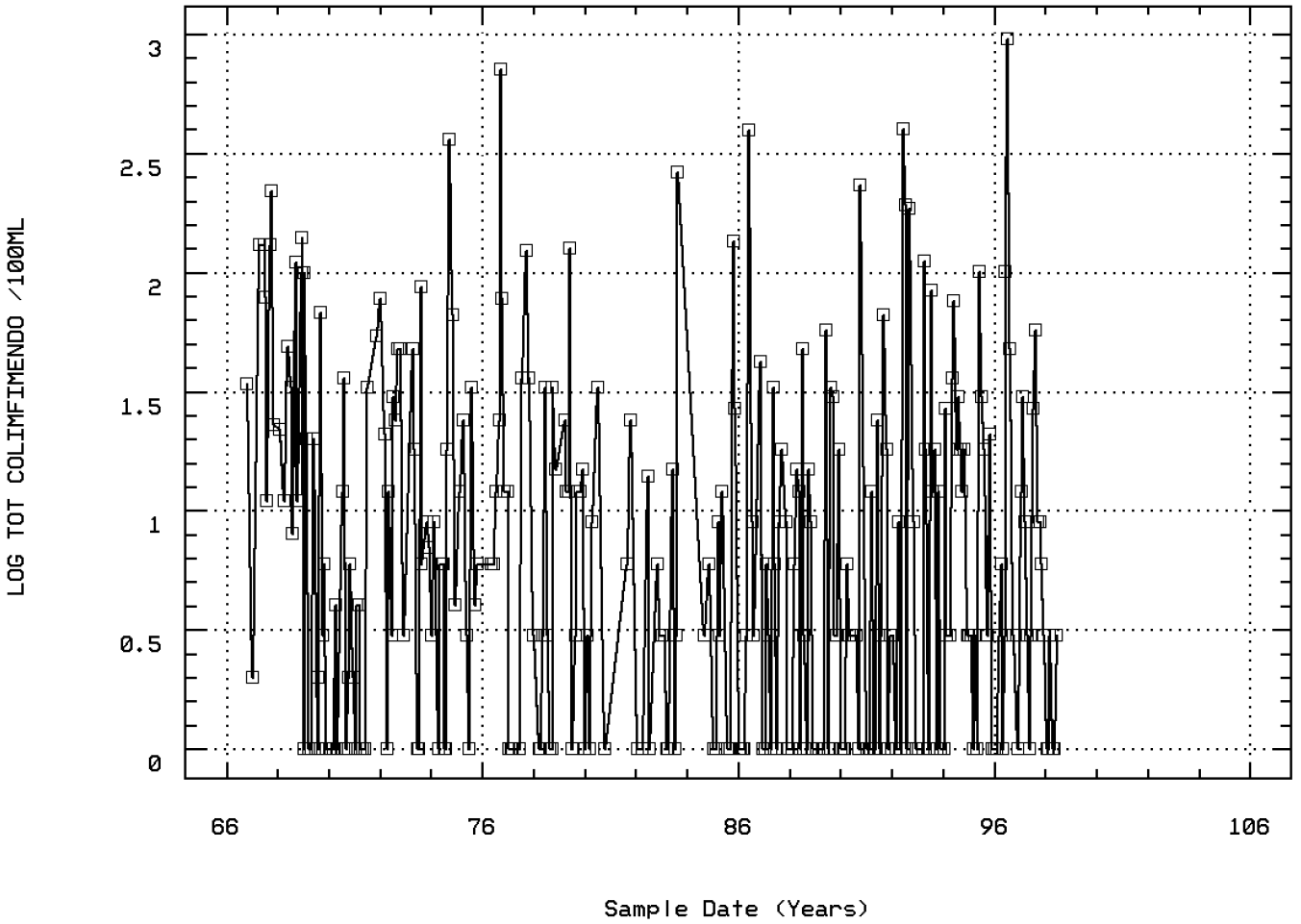
EPA Water Quality Criteria Analysis for Station: LAMR0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	291	0	0.00	162	0	0.00	129	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	276	2	0.01	151	2	0.01	125	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	126	0	0.00	70	0	0.00	56	0	0.00						
71855	NITRITE NITROGEN, TOTAL (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

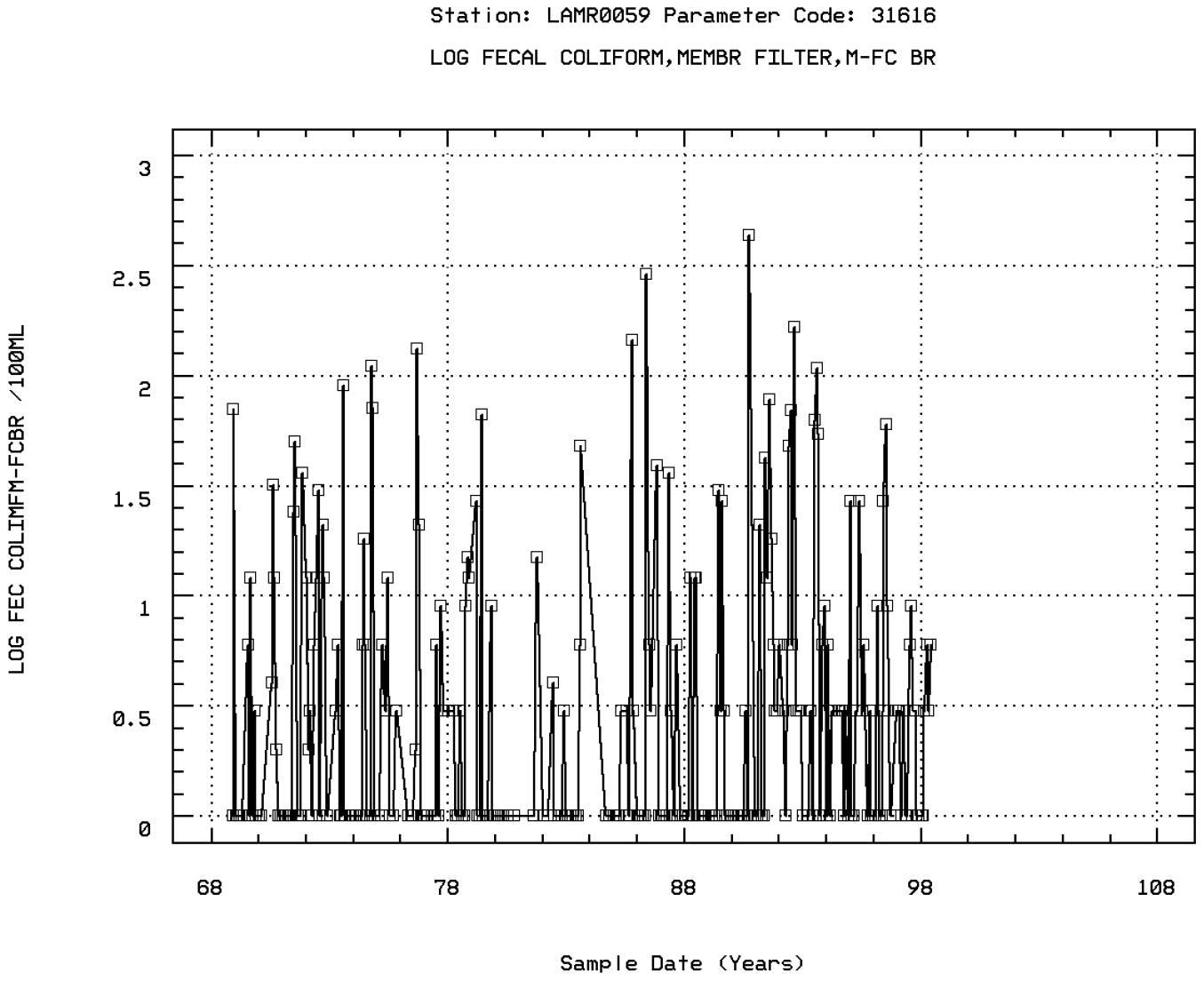
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: LAMR0059 Parameter Code: 31501

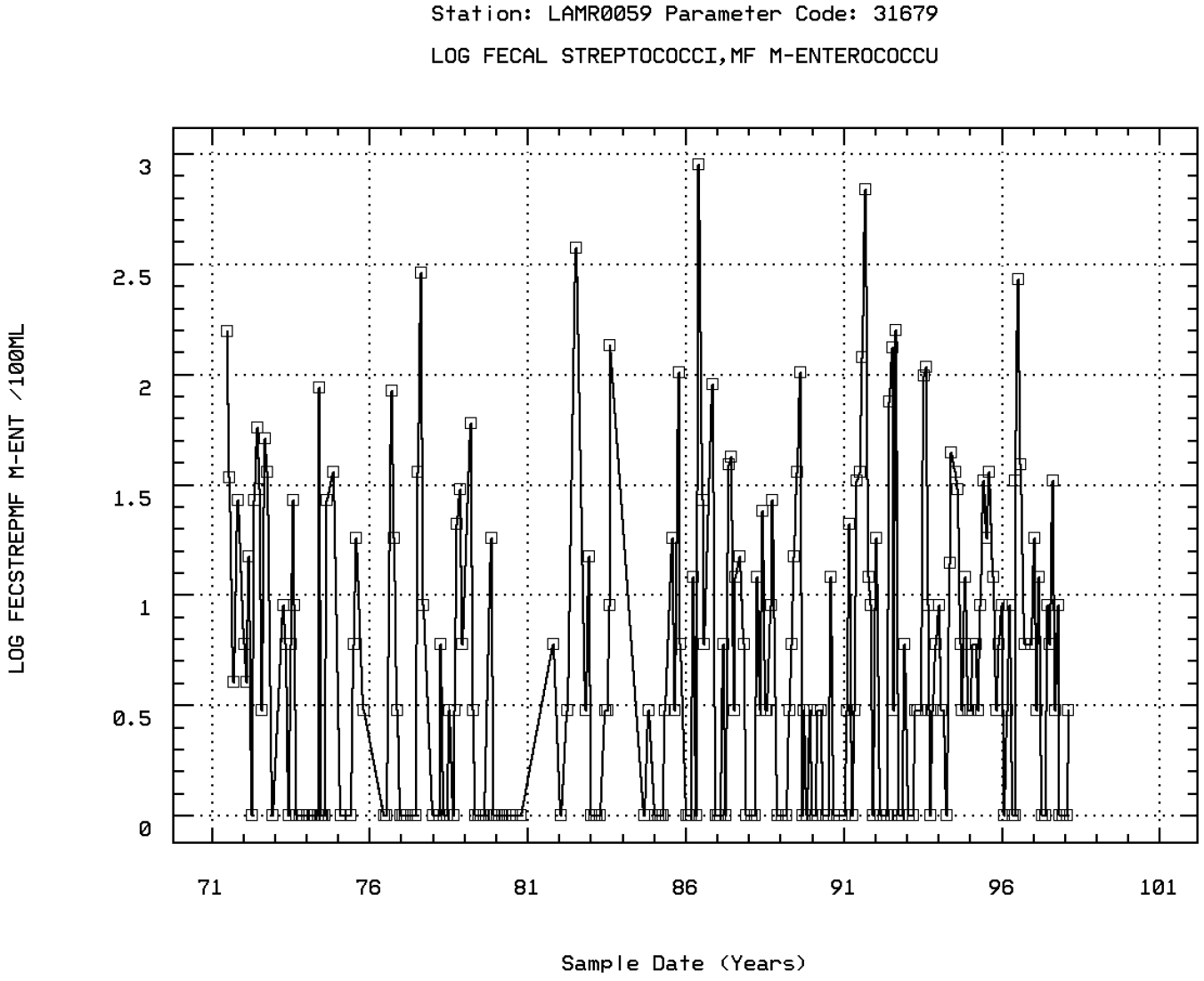
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-ALIBATES



LAKE MEREDITH-ALIBATES



LAKE MEREDITH-ALIBATES

Annual Analysis for 1966 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	1	1656.	1656.	1656.	1656.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	1	224.	224.	224.	224.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	1	940.	940.	940.	940.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	1	228.	228.	228.	228.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	1	184.	184.	184.	184.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	1	34.	34.	34.	34.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	1	1.531	1.531	1.531	1.531	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Annual Analysis for 1967 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	1	1448.	1448.	1448.	1448.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	1	840.	840.	840.	840.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	1	234.	234.	234.	234.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	1	199.	199.	199.	199.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	1	179.	179.	179.	179.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	104.5	90.625	220.	2.	5755.982	75.868	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	2.006	1.661	2.342	0.301	0.494	0.703	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			45.788								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**

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

Annual Analysis for 1968 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	8	1864.5	1898.25	2228.	1760.	19505.929	139.664	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	9	8.3	7.644	8.5	2.	4.51	2.124	2.	8.1	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	9	8.3	2.954	8.5	2.	29.258	5.409	2.	8.1	8.5	8.5

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Annual Analysis for 1968 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	9	0.005	1111.115	10000.	0.00311111	100.283	3333.332	0.003	0.003	0.008	10000.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	8	192.5	191.25	205.	162.	186.786	13.667	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	8 ##	1.	1.625	4.	0.	3.411	1.847	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	8	233.	229.375	250.	190.	359.982	18.973	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	8 ##	1.	2.	5.	0.	5.429	2.33	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	8	1060.	1075.	1240.	980.	5600.	74.833	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	8	281.	283.875	342.	232.	895.268	29.921	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	8	72.	71.375	84.	56.	65.696	8.105	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	8	25.5	25.625	32.	22.	9.411	3.068	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	8	237.	240.75	271.	232.	158.214	12.578	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	9	261.	267.	317.	256.	372.75	19.307	256.	256.	267.	317.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	8	239.	238.125	287.	204.	564.411	23.757	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	8	1.05	0.994	1.5	0.05	0.182	0.426	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	9	33.	53.778	140.	8.	2493.944	49.939	8.	11.	105.	140.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	9	1.519	1.525	2.146	0.903	0.224	0.473	0.903	1.041	2.021	2.146
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33.493								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	35.	35.	70.	0.	2450.	49.497	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.923	0.923	1.845	0.	1.702	1.305	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.367								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	8 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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Annual Analysis for 1969 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	9	1769.	1758.556	2688.	1015.	216507.028	465.303	1015.	1458.5	1948.	2688.
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	11	8.1	8.173	8.5	7.7	0.094	0.307	7.7	8.	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	11	8.1	8.072	8.5	7.7	0.105	0.325	7.7	8.	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	11	0.008	0.008	0.02	0.003	0.	0.006	0.003	0.003	0.01	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	9	170.	173.333	208.	134.	612.25	24.744	134.	154.	198.	208.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	9 ##	0.	0.778	3.	0.	1.444	1.202	0.	0.	2.	3.
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	9	207.	209.556	254.	163.	844.778	29.065	163.	188.	237.	254.
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	9 ##	0.	0.889	4.	0.	2.111	1.453	0.	0.	2.	4.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	9	1000.	1001.111	1470.	620.	57386.111	239.554	620.	845.	1115.	1470.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	9	241.	249.889	380.	126.	5166.861	71.881	126.	206.	294.5	380.
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	9	56.	61.	90.	31.	285.75	16.904	31.	52.	73.	90.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	9	24.	23.444	37.	11.	54.278	7.367	11.	18.5	27.5	37.
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	9	235.	231.889	340.	150.	2858.611	53.466	150.	196.	253.5	340.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	12	275.5	263.25	436.	124.	5601.114	74.841	140.8	230.5	289.75	394.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	10	235.	227.5	309.	140.	2854.944	53.432	142.9	184.75	261.	308.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	9	0.8	0.878	1.4	0.7	0.054	0.233	0.7	0.7	1.	1.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	2.5	18.333	100.	0.	1040.061	32.25	0.	0.	20.	90.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.389	0.666	2.	0.	0.577	0.76	0.	0.	1.301	1.95
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.633								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.5	3.5	12.	0.	22.091	4.7	0.	0.	9.	11.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.361	1.079	0.	0.221	0.47	0.	0.	0.945	1.055
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.297								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	9 ##	0.2	0.656	2.5	0.2	0.833	0.913	0.2	0.2	1.1	2.5

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Annual Analysis for 1970 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	11	1958.	2067.182	3213.	1650.	184042.564	429.002	1676.4	1815.	2160.	3047.2
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	18	8.4	8.311	8.6	7.8	0.068	0.26	7.89	8.075	8.512	8.6
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	18	8.389	8.232	8.6	7.8	0.074	0.273	7.89	8.075	8.512	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	18	0.004	0.006	0.016	0.003	0.	0.004	0.003	0.003	0.008	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	17	180.	181.	193.	167.	50.25	7.089	172.6	175.5	188.	190.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	16 ##	0.	2.5	8.	0.	10.4	3.225	0.	0.	6.	8.
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	17	212.	214.	232.	200.	85.125	9.226	200.	208.5	220.5	231.2
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	16 ##	0.	4.063	16.	0.	34.596	5.882	0.	0.	7.	16.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	11	1100.	1168.182	1720.	970.	43856.364	209.419	980.	1030.	1250.	1640.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	16	274.5	281.125	385.	228.	1306.917	36.151	245.5	260.	296.	338.8
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	17	68.	66.176	91.	48.	89.904	9.482	52.	60.5	69.	79.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	17	26.	29.	56.	22.	71.25	8.441	22.	24.	30.5	41.6
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	17	260.	275.706	444.	220.	2704.346	52.003	224.	246.5	303.	341.6
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	18	285.5	312.944	590.	233.	7378.997	85.901	243.8	264.	335.5	459.5
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	17	240.	250.941	334.	220.	843.184	29.038	228.	230.	261.5	300.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	11	0.9	0.927	1.2	0.8	0.012	0.11	0.8	0.9	1.	1.16
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	2.	5.636	36.	0.	115.055	10.726	0.	0.	6.	31.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.301	0.42	1.556	0.	0.28	0.529	0.	0.	0.778	1.461
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.629								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	1.	6.25	32.	0.	125.071	11.184	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.151	0.436	1.505	0.	0.338	0.581	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.729								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	13 ##	0.2	0.309	1.2	0.02	0.09	0.3	0.092	0.2	0.3	0.96

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Annual Analysis for 1971 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	10	1937.5	1758.5	2066.	668.	194780.722	441.34	734.4	1611.75	2025.	2061.9
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	16	8.15	8.081	8.4	7.7	0.051	0.226	7.77	7.825	8.3	8.33
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	16	8.147	8.025	8.4	7.7	0.054	0.233	7.77	7.825	8.3	8.33
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	16	0.007	0.009	0.02	0.004	0.	0.005	0.005	0.005	0.015	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	16	167.	164.625	191.	112.	477.317	21.848	126.7	153.25	183.5	190.3
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	13 ##	0.	0.231	3.	0.	0.692	0.832	0.	0.	0.	1.8
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	12	200.	193.75	233.	133.	1276.932	35.734	134.2	164.25	228.75	232.7
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	12 ##	0.	0.333	4.	0.	1.333	1.155	0.	0.	0.	2.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	14	1083.5	1006.5	1162.	424.	41697.654	204.2	592.	934.	1152.5	1161.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	16	245.	237.188	292.	111.	2406.429	49.055	148.1	214.25	276.5	292.
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	14	67.5	73.357	140.	29.	985.786	31.397	33.	54.5	103.	126.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	14	28.	30.143	59.	9.	152.593	12.353	13.	24.5	35.	51.5
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	14	258.	235.929	300.	89.	2744.533	52.388	138.5	211.5	265.25	287.5
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	16	284.	265.875	300.	71.	3425.183	58.525	152.2	269.5	296.75	298.6
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	16	265.5	246.063	300.	82.	2968.196	54.481	142.2	239.5	280.	286.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	9	0.9	0.856	1.1	0.5	0.03	0.174	0.5	0.75	0.95	1.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	2.	11.875	54.	0.	415.554	20.385	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	0.301	0.557	1.732	0.	0.507	0.712	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.605								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	10.091	50.	0.	325.291	18.036	0.	0.	24.	47.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.421	1.699	0.	0.526	0.725	0.	0.	1.38	1.67
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.639								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	4	30.5	55.25	156.	4.	4675.583	68.378	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	4	1.481	1.44	2.193	0.602	0.426	0.653	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			27.511								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	10 ##	0.2	1.29	5.5	0.2	4.043	2.011	0.2	0.2	2.25	5.4

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Annual Analysis for 1972 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	12	1917.	1942.333	3024.	1341.	158371.879	397.96	1433.7	1745.75	2032.25	2740.8
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	12	8.	8.033	8.4	7.8	0.042	0.206	7.8	7.825	8.2	8.37
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	12	8.	7.992	8.4	7.8	0.044	0.21	7.8	7.825	8.2	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	12	0.01	0.01	0.016	0.004	0.	0.004	0.004	0.006	0.015	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	12	170.5	172.917	205.	150.	164.992	12.845	154.5	168.	178.75	197.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	12 ##	0.	0.167	2.	0.	0.333	0.577	0.	0.	0.	1.4
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	12	206.	210.5	250.	183.	249.182	15.785	188.4	204.25	217.75	241.
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	12 ##	0.	0.167	2.	0.	0.333	0.577	0.	0.	0.	1.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	12	1080.	1103.333	1670.	790.	43569.697	208.734	841.	1002.5	1155.	1526.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	12	262.	266.333	424.	184.	3238.424	56.907	197.2	238.25	274.25	384.1
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	12	60.	62.	98.	42.	174.182	13.198	45.6	54.75	63.75	89.3
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	12	26.5	27.25	44.	19.	36.023	6.002	20.2	24.25	28.75	39.5
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	12	254.5	260.75	404.	183.	2749.114	52.432	195.	235.	272.25	366.8
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	14	265.5	269.714	510.	155.	6940.681	83.311	162.	225.75	295.	411.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	12	254.	257.583	363.	192.	1777.174	42.157	202.5	229.25	273.75	339.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	12	0.9	0.867	0.9	0.8	0.002	0.049	0.8	0.8	0.9	0.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	22.5	26.7	78.	0.	626.9	25.038	0.3	3.	48.	75.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	1.351	1.147	1.892	0.	0.393	0.627	0.048	0.477	1.681	1.871
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.02								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	6.	8.909	30.	0.	94.891	9.741	0.	0.	12.	28.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.778	0.69	1.477	0.	0.311	0.557	0.	0.	1.079	1.446
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.901								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	15.	20.818	57.	0.	429.364	20.721	0.	3.	36.	55.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	1.176	0.997	1.756	0.	0.431	0.656	0.	0.477	1.556	1.746
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			9.92								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	12 ##	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2

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Annual Analysis for 1973 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	8	2012.	2028.375	2320.	1917.	15840.554	125.859	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	8	8.05	8.05	8.4	7.9	0.029	0.169	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	8	8.047	8.025	8.4	7.9	0.029	0.171	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	8	0.009	0.009	0.013	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	8	177.5	177.125	186.	169.	27.839	5.276	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	8 ##	0.	0.125	1.	0.	0.125	0.354	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	8	215.5	215.875	227.	206.	42.125	6.49	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	8 ##	0.	0.125	1.	0.	0.125	0.354	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	8	1135.	1143.75	1300.	1090.	4683.929	68.439	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	8	260.5	270.25	326.	250.	581.071	24.105	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	8	62.	62.25	77.	51.	53.929	7.344	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	8	26.	27.75	34.	24.	13.929	3.732	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	8	269.5	272.875	305.	256.	234.696	15.32	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	8	281.	293.875	361.	274.	874.125	29.566	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	8	270.5	268.125	292.	241.	352.411	18.773	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	8	1.	1.05	1.3	0.9	0.026	0.16	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	8.	21.875	87.	0.	933.554	30.554	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	0.9	0.932	1.94	0.	0.493	0.702	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.545								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	11.	90.	0.	882.	29.698	0.	0.	4.5	90.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.357	1.954	0.	0.438	0.662	0.	0.	0.628	1.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.273								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	6.	6.333	27.	0.	75.25	8.675	0.	0.	9.	27.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.778	0.544	1.431	0.	0.302	0.55	0.	0.	0.954	1.431
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.5								

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Annual Analysis for 1973 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	8	0.55	0.5	0.8	0.2	0.071	0.267	**	**	**	**

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Annual Analysis for 1974 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	10	2059.	1996.7	2133.	1700.	19833.567	140.832	1713.6	1876.5	2096.25	2130.3
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	11	8.	8.055	8.4	7.8	0.045	0.211	7.8	7.9	8.2	8.38
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	11	8.	8.01	8.4	7.8	0.047	0.216	7.8	7.9	8.2	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	11	0.01	0.01	0.016	0.004	0.	0.004	0.004	0.006	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	10	176.5	171.8	185.	147.	161.067	12.691	147.9	161.25	182.25	184.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	10 ##	0.	0.3	3.	0.	0.9	0.949	0.	0.	0.	2.7
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	10	212.	208.7	226.	179.	241.344	15.535	180.1	196.75	222.25	225.7
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	10 ##	0.	0.4	4.	0.	1.6	1.265	0.	0.	0.	3.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	10	1160.	1141.	1200.	1030.	3054.444	55.267	1032.	1125.	1170.	1197.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	11	274.	259.727	288.	178.	977.618	31.267	188.8	250.	278.	286.
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	11	63.	66.182	106.	52.	192.564	13.877	53.2	61.	67.	98.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	10	28.	27.1	30.	21.	7.656	2.767	21.3	25.5	29.	29.9
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	10	274.	272.6	285.	256.	78.933	8.884	256.5	267.75	277.75	284.8
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	11	298.	287.545	308.	218.	644.873	25.394	229.2	277.	301.	307.4
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	11	279.	270.364	289.	226.	474.055	21.773	227.4	259.	286.	288.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	11	1.1	1.097	1.3	0.87	0.017	0.131	0.896	1.	1.2	1.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	6.	39.833	360.	0.	10495.788	102.449	0.	0.75	15.75	271.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.778	0.833	2.556	0.	0.582	0.763	0.	0.119	1.18	2.335
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.812								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	17.583	110.	0.	1256.992	35.454	0.	0.	15.	98.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.	0.559	2.041	0.	0.603	0.777	0.	0.	1.136	1.984
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.62								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	0.	15.	87.	0.	816.	28.566	0.	0.	29.25	81.9
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.	0.493	1.94	0.	0.645	0.803	0.	0.	1.463	1.901
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.11								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	10	0.65	0.65	0.8	0.2	0.034	0.184	0.24	0.6	0.8	0.8

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Annual Analysis for 1975 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	6	2512.	2495.	2816.	2160.	67218.8	259.266	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	6	7.8	7.867	8.2	7.7	0.039	0.197	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	6	7.8	7.834	8.2	7.7	0.04	0.2	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	6	0.016	0.015	0.02	0.006	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	6	178.5	178.833	195.	163.	109.767	10.477	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	6	218.	218.333	238.	199.	161.867	12.723	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	6	1395.	1385.	1590.	1210.	23830.	154.37	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	8	306.5	321.125	443.	136.	10229.554	101.141	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	6	92.	94.	125.	67.	667.6	25.838	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	6	29.5	29.833	34.	26.	10.967	3.312	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	6	318.	317.833	355.	290.	695.367	26.37	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	8	321.	295.	422.	32.	15754.286	125.516	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	8	308.	319.5	431.	150.	9685.714	98.416	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	8	1.	0.815	1.	0.	0.126	0.355	**	**	**	**

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Annual Analysis for 1975 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	7	6.	11.714	33.	0.	151.571	12.311	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	7	0.778	0.834	1.519	0.	0.284	0.533	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.817								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	7	3.	3.429	12.	0.	19.286	4.392	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	7	0.477	0.402	1.079	0.	0.183	0.427	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.521								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	3.	5.4	18.	0.	55.8	7.47	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.477	0.502	1.255	0.	0.287	0.536	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.178								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	6	0.75	1.567	4.8	0.4	2.875	1.695	**	**	**	**

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Annual Analysis for 1976 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	3	2187.	1928.667	2240.	1359.	244092.333	494.057	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	3	8.	7.933	8.1	7.7	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	3	8.	7.899	8.1	7.7	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	3	0.01	0.013	0.02	0.008	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	176.	162.667	183.	129.	862.333	29.366	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	3	215.	198.333	223.	157.	1297.333	36.019	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	3	1210.	1076.667	1250.	770.	70933.333	266.333	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	276.	244.333	286.	171.	4058.333	63.705	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	3	61.	57.333	69.	42.	192.333	13.868	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	3	27.	24.333	30.	16.	54.333	7.371	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	3	297.	265.667	310.	190.	4336.333	65.851	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	3	328.	286.	329.	201.	5419.	73.614	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	3	280.	244.333	292.	161.	5244.333	72.418	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	3	0.8	0.767	0.9	0.6	0.023	0.153	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	12.	107.5	710.	6.	59830.571	244.603	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	1.079	1.365	2.851	0.778	0.489	0.699	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.157								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	19.375	132.	0.	2123.696	46.084	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.468	2.121	0.	0.655	0.809	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.938								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	1.5	17.5	84.	0.	1110.3	33.321	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.239	0.609	1.924	0.	0.656	0.81	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.069								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	3 ##	0.2	0.433	0.9	0.2	0.163	0.404	**	**	**	**

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Annual Analysis for 1977 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	3	2160.	2050.	2208.	1782.	54444.	233.332	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	3	8.4	8.2	8.4	7.8	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	3	8.4	8.1	8.4	7.8	0.135	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	3	0.004	0.008	0.016	0.004	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	174.	173.333	175.	171.	4.333	2.082	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	3	1.	1.	2.	0.	1.	1.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	3	210.	209.333	212.	206.	9.333	3.055	**	**	**	**

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Annual Analysis for 1977 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	3	1.	1.	2.	0.	1.	1.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	3	1230.	1166.667	1240.	1030.	14033.333	118.462	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	276.	260.333	280.	225.	940.333	30.665	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	3	63.	60.333	64.	54.	30.333	5.508	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	3	29.	26.667	29.	22.	16.333	4.041	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	3	299.	282.667	304.	245.	1070.333	32.716	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	3	326.	300.	328.	246.	2188.	46.776	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	3	304.	285.333	304.	248.	1045.333	32.332	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	3	0.8	0.933	1.2	0.8	0.053	0.231	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	7	0.	27.857	123.	0.	2048.143	45.256	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	7	0.	0.743	2.09	0.	0.891	0.944	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.536								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	2.25	9.	0.	12.214	3.495	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.276	0.954	0.	0.162	0.402	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.889								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	7	0.	47.571	288.	0.	11413.286	106.833	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	7	0.	0.71	2.459	0.	0.975	0.988	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.129								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	3	## 0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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Annual Analysis for 1978 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2140.	1929.25	2187.	1250.	205815.583	453.669	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.3	8.275	8.4	8.1	0.016	0.126	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.3	8.261	8.4	8.1	0.016	0.127	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.005	0.005	0.008	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	176.	177.	179.	176.	3.	1.732	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	3	## 0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	3	215.	214.333	218.	210.	16.333	4.041	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	3	## 0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	3	1220.	1216.667	1230.	1200.	233.333	15.275	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	272.	273.	277.	270.	13.	3.606	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	3	62.	60.667	62.	58.	5.333	2.309	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	3	30.	29.667	31.	28.	2.333	1.528	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	288.5	256.25	305.	143.	5834.25	76.382	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	319.	297.5	332.	220.	2713.	52.086	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	279.5	249.	297.	140.	5376.667	73.326	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	3	0.8	0.833	0.9	0.8	0.003	0.058	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	3.	9.	33.	0.	180.	13.416	0.	0.	19.5	33.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.477	0.564	1.519	0.	0.388	0.623	0.	0.	1.262	1.519
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.668								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	3.	4.364	15.	0.	27.655	5.259	0.	0.	9.	14.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.477	0.465	1.176	0.	0.199	0.446	0.	0.	0.954	1.157
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.919								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	6.273	30.	0.	99.818	9.991	0.	0.	6.	28.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.483	1.477	0.	0.303	0.551	0.	0.	0.778	1.446
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.039								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	3	## 0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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Annual Analysis for 1979 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	2	2399.5	2399.5	2625.	2174.	101700.5	318.905	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	2	8.35	8.35	8.4	8.3	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	2	8.347	8.347	8.4	8.3	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	2	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	2	169.5	169.5	171.	168.	4.5	2.121	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	2 ##	1.	1.	2.	0.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	2	204.5	204.5	205.	204.	0.5	0.707	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	2 ##	1.	1.	2.	0.	2.	1.414	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	2	1330.	1330.	1430.	1230.	20000.	141.421	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	2	283.5	283.5	317.	250.	2244.5	47.376	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	2	67.5	67.5	80.	55.	312.5	17.678	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	2	28.	28.	29.	27.	2.	1.414	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	2	334.	334.	361.	307.	1458.	38.184	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	2	386.5	386.5	431.	342.	3960.5	62.933	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	2	302.5	302.5	319.	286.	544.5	23.335	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	9	12.	24.	126.	0.	1509.75	38.856	0.	7.5	19.5	126.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	9	1.079	1.05	2.1	0.	0.333	0.577	0.	0.778	1.278	2.1
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.222								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	11.333	66.	0.	501.25	22.389	0.	0.	18.	66.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.467	1.82	0.	0.538	0.734	0.	0.	1.193	1.82
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.933								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	0.	10.125	60.	0.	444.696	21.088	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.	0.439	1.778	0.	0.489	0.699	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.747								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**

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Annual Analysis for 1980 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	2	3431.5	3431.5	4495.	2368.	2262064.5	1504.016	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	2	8.35	8.35	8.4	8.3	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	2	8.347	8.347	8.4	8.3	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	2	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	2	160.5	160.5	178.	143.	612.5	24.749	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	2 ##	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	2	194.5	194.5	215.	174.	840.5	28.991	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	2 ##	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	2	1713.	1713.	2228.	1198.	530450.	728.32	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	2	365.5	365.5	459.	272.	17484.5	132.229	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	2	84.5	84.5	104.	65.	760.5	27.577	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	2	37.5	37.5	48.	27.	220.5	14.849	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	2	468.	468.	608.	328.	39200.	197.99	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	2	592.5	592.5	822.	363.	105340.5	324.562	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	2	384.5	384.5	471.	298.	14964.5	122.329	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	6	1.5	7.5	33.	0.	168.3	12.973	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	6	0.239	0.492	1.519	0.	0.399	0.631	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.102								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1980 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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Annual Analysis for 1981 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	1857.	1874.5	2512.	1272.	267427.667	517.134	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.2	8.175	8.3	8.	0.023	0.15	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.189	8.155	8.3	8.	0.023	0.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.006	0.007	0.01	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	157.5	162.	183.	150.	212.667	14.583	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	192.	197.5	223.	183.	313.	17.692	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	955.5	1011.5	1394.	741.	77377.667	278.168	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	202.5	210.	266.	169.	1691.333	41.126	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	47.5	49.75	61.	43.	60.917	7.805	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	20.5	20.75	27.	15.	25.583	5.058	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	269.5	268.5	365.	170.	6619.	81.357	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	286.	286.5	397.	177.	8333.667	91.289	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	223.5	228.25	320.	146.	5384.25	73.377	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.8	0.8	0.9	0.7	0.013	0.115	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	2	15.	15.	24.	6.	162.	12.728	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	2	1.079	1.079	1.38	0.778	0.181	0.426	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	7.5	7.5	15.	0.	112.5	10.607	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.588	0.588	1.176	0.	0.692	0.832	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.873								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	4	0.25	0.21	0.3	0.04	0.015	0.123	**	**	**	**

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Annual Analysis for 1982 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	6	1374.5	1459.	1925.	942.	154415.2	392.957	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	7	8.3	8.289	8.5	8.	0.025	0.158	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	7	8.3	8.262	8.5	8.	0.026	0.16	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	7	0.005	0.005	0.01	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	164.5	159.25	170.	138.	211.583	14.546	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	201.	194.25	207.	168.	320.25	17.896	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	791.5	805.75	1060.	580.	40874.917	202.175	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	180.5	178.75	222.	132.	1367.583	36.981	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	45.	44.25	52.	35.	49.583	7.042	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	16.5	16.5	22.	11.	21.667	4.655	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	5	185.	189.6	261.	131.	2377.8	48.763	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	7	203.	217.	297.	109.	5037.667	70.977	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	5	176.	173.	216.	122.	1679.	40.976	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.65	0.65	0.7	0.6	0.003	0.058	**	**	**	**

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Annual Analysis for 1982 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	6	1.5	3.833	14.	0.	30.567	5.529	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	6	0.239	0.4	1.146	0.	0.237	0.487	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.513								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	1.167	4.	0.	3.367	1.835	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.	0.18	0.602	0.	0.079	0.281	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.513								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	5	3.	79.2	375.	0.	27376.2	165.458	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	5	0.477	0.941	2.574	0.	1.009	1.005	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.727								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	4	0.195	0.228	0.5	0.02	0.047	0.217	**	**	**	**

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Annual Analysis for 1983 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	6	1660.	1662.167	1782.	1500.	11315.367	106.374	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	5	8.19	8.068	8.25	7.7	0.051	0.227	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	5	8.19	8.015	8.25	7.7	0.055	0.234	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	5	0.006	0.01	0.02	0.006	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	180.	180.	184.	176.	16.	4.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	3	220.	219.667	224.	215.	20.333	4.509	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	3	1001.	992.333	1007.	969.	417.333	20.429	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	220.	221.	227.	216.	31.	5.568	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	3	53.	53.333	54.	53.	0.333	0.577	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	3	21.	21.	23.	19.	4.	2.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	5	234.	210.8	249.	165.	1738.7	41.698	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	7	255.	254.429	275.	220.	333.619	18.265	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	3	199.	199.333	202.	197.	6.333	2.517	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	3	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	8	3.	36.	264.	0.	8511.429	92.257	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	8	0.477	0.629	2.422	0.	0.681	0.825	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.252								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	6.75	48.	0.	282.214	16.799	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	8	0.	0.307	1.681	0.	0.382	0.618	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.03								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	8	1.5	18.75	135.	0.	2215.929	47.074	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	8	0.239	0.505	2.13	0.	0.552	0.743	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.198								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	3 ##	0.02	0.027	0.04	0.02	0.	0.012	**	**	**	**

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Annual Analysis for 1984 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	3	1984.	2017.	2096.	1971.	4723.	68.724	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	3	8.4	8.367	8.4	8.3	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	3	8.4	8.364	8.4	8.3	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	3	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	188.	186.	191.	179.	39.	6.245	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	3	2.	1.667	3.	0.	2.333	1.528	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	3	222.	222.667	228.	218.	25.333	5.033	**	**	**	**

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Annual Analysis for 1984 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	3	2.	1.667	3.	0.	2.333	1.528	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	3	1116.	1125.667	1165.	1096.	1260.333	35.501	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	223.	233.	260.	216.	559.	23.643	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	3	57.	56.667	61.	52.	20.333	4.509	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	3	21.	22.333	26.	20.	10.333	3.215	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	3	284.	286.333	292.	283.	24.333	4.933	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	5	294.	295.	310.	285.	85.5	9.247	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	3	234.	234.667	243.	227.	64.333	8.021	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	3	0.8	0.767	0.8	0.7	0.003	0.058	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	2	0.628	0.628	0.778	0.477	0.045	0.213	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.243								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	3	0.04	0.05	0.09	0.02	0.001	0.036	**	**	**	**

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Annual Analysis for 1985 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2256.	2153.5	2304.	1798.	57363.667	239.507	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.3	8.297	8.5	8.09	0.028	0.167	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.3	8.273	8.5	8.09	0.029	0.17	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.005	0.005	0.008	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	186.	184.333	188.	179.	22.333	4.726	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	3 ##	0.	1.333	4.	0.	5.333	2.309	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	3	218.	221.333	229.	217.	44.333	6.658	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	3 ##	0.	1.333	4.	0.	5.333	2.309	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	3	1252.	1246.	1258.	1228.	252.	15.875	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	3	257.	253.	259.	243.	76.	8.718	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	3	59.	58.333	60.	56.	4.333	2.082	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	3	26.	26.	27.	25.	1.	1.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	3	324.	321.667	328.	313.	60.333	7.767	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	8	340.	337.5	361.	305.	344.571	18.563	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	3	258.	259.333	263.	257.	10.333	3.215	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	3	0.8	0.767	0.8	0.7	0.003	0.058	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	9	3.	20.667	135.	0.	1918.	43.795	0.	0.	19.5	135.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	9	0.477	0.675	2.13	0.	0.599	0.774	0.	0.	1.255	2.13
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.728								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	17.	144.	0.	2270.25	47.647	0.	0.	3.	144.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.399	2.158	0.	0.489	0.699	0.	0.	0.477	2.158
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.505								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	3.	14.667	102.	0.	1105.75	33.253	0.	0.	12.	102.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.477	0.555	2.009	0.	0.487	0.698	0.	0.	1.017	2.009
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.59								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	3 ##	0.02	0.043	0.09	0.02	0.002	0.04	**	**	**	**

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Annual Analysis for 1986 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	8	2137.	2046.75	2400.	1335.	140355.071	374.64	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	8	8.285	8.211	8.4	7.96	0.025	0.157	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	8	8.285	8.185	8.4	7.96	0.026	0.16	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	8	0.005	0.007	0.011	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	178.	178.5	185.	173.	41.	6.403	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4 ##	0.	0.5	2.	0.	1.	1.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	216.	216.5	223.	211.	41.	6.403	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4 ##	0.	0.5	2.	0.	1.	1.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1187.5	1210.	1286.	1179.	2631.333	51.297	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	250.	250.25	255.	246.	24.25	4.924	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	56.	56.25	60.	53.	14.25	3.775	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	27.	26.75	28.	25.	2.25	1.5	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	6	337.5	306.5	341.	150.	5888.3	76.735	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	10	370.	349.4	380.	230.	2094.933	45.77	240.	333.75	377.	379.7
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	269.	270.25	277.	266.	22.25	4.717	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	1.5	45.3	396.	0.	15350.9	123.899	0.	0.	17.25	360.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.239	0.613	2.598	0.	0.777	0.881	0.	0.	1.121	2.5
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.102								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	33.6	288.	0.	8135.6	90.198	0.	0.	14.25	263.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.531	2.459	0.	0.733	0.856	0.	0.	0.981	2.373
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.393								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	3.	102.9	894.	0.	78040.1	279.357	0.	0.	42.75	813.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.389	0.819	2.951	0.	1.07	1.035	0.	0.	1.562	2.852
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.598								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	3	0.02	0.038	0.09	0.005	0.002	0.045	**	**	**	**

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Annual Analysis for 1987 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	6	2192.	2168.667	2464.	1849.	65287.867	255.515	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	6	8.4	8.312	8.5	7.84	0.056	0.237	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	6	8.4	8.244	8.5	7.84	0.062	0.249	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	6	0.004	0.006	0.014	0.003	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	181.	181.	183.	179.	3.333	1.826	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4	2.5	2.25	3.	1.	0.917	0.957	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	214.5	215.25	221.	211.	21.583	4.646	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4	3.	2.75	4.	1.	2.25	1.5	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1168.	1167.25	1238.	1095.	5142.917	71.714	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	250.5	251.75	258.	248.	22.917	4.787	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	61.	61.25	65.	58.	14.25	3.775	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	24.	24.	27.	21.	6.667	2.582	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	6	306.	301.667	352.	244.	2069.467	45.491	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	6	382.5	373.333	412.	323.	1275.867	35.719	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	269.5	269.25	271.	267.	4.25	2.062	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.75	0.75	0.8	0.7	0.003	0.058	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	6.	7.636	33.	0.	101.455	10.072	0.	0.	9.	30.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.778	0.611	1.519	0.	0.304	0.551	0.	0.	0.954	1.466
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.079								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	4.5	36.	0.	126.5	11.247	0.	0.	3.75	33.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.	0.281	1.556	0.	0.274	0.523	0.	0.	0.552	1.478
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.911								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	6.	11.182	42.	0.	235.964	15.361	0.	0.	15.	41.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.778	0.682	1.623	0.	0.404	0.635	0.	0.	1.176	1.617
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.809								

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Annual Analysis for 1987 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	4 ##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**	**

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Annual Analysis for 1988 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2222.5	1947.25	2448.	896.	513647.583	716.692	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.4	8.325	8.5	8.	0.049	0.222	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.4	8.277	8.5	8.	0.052	0.228	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.004	0.005	0.01	0.003	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	178.	166.25	191.	118.	1114.917	33.39	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4	2.	2.	4.	0.	2.667	1.633	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	210.	198.	228.	144.	1400.667	37.425	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4	2.	2.25	5.	0.	4.25	2.062	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1098.	974.75	1240.	463.	123196.25	350.993	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	273.	230.	283.	91.	8626.	92.876	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	56.	50.	63.	25.	299.333	17.301	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	29.5	25.5	36.	7.	163.	12.767	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	300.	270.25	344.	137.	8562.25	92.532	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	337.5	296.25	388.	122.	14201.583	119.17	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	259.	225.5	293.	91.	8563.667	92.54	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.7	0.625	0.7	0.4	0.022	0.15	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	6.	9.818	48.	0.	196.364	14.013	0.	0.	15.	41.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.778	0.666	1.681	0.	0.363	0.602	0.	0.	1.176	1.58
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.631								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	3.273	12.	0.	31.418	5.605	0.	0.	12.	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.294	1.079	0.	0.254	0.504	0.	0.	1.079	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.969								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	10	3.	8.1	27.	0.	100.1	10.005	0.	0.	15.	26.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	10	0.477	0.628	1.431	0.	0.308	0.555	0.	0.	1.154	1.426
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.243								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	4 ##	0.005	0.054	0.2	0.005	0.01	0.097	**	**	**	**

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Annual Analysis for 1989 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2336.	2348.	2416.	2304.	2453.333	49.531	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.35	8.25	8.4	7.9	0.057	0.238	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.347	8.194	8.4	7.9	0.061	0.247	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.004	0.006	0.013	0.004	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	181.	181.5	187.	177.	23.	4.796	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4 ##	1.	1.	2.	0.	1.333	1.155	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	218.5	219.	223.	216.	10.	3.162	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4 ##	1.	1.	2.	0.	1.333	1.155	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1181.5	1188.25	1230.	1160.	937.583	30.62	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	268.5	268.25	275.	261.	46.25	6.801	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	61.	61.	64.	58.	6.667	2.582	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	28.	28.	29.	27.	1.333	1.155	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	331.	331.75	345.	320.	104.917	10.243	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	372.	371.5	380.	362.	54.333	7.371	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	286.5	293.	331.	268.	766.	27.677	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

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Annual Analysis for 1989 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	13.091	57.	0.	369.491	19.222	0.	0.	30.	52.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.633	1.756	0.	0.52	0.721	0.	0.	1.477	1.708
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.294								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	5.727	30.	0.	128.618	11.341	0.	0.	3.	29.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.	0.351	1.477	0.	0.333	0.577	0.	0.	0.477	1.468
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.245								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	15.273	102.	0.	942.218	30.696	0.	0.	15.	88.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.632	2.009	0.	0.474	0.688	0.	0.	1.176	1.918
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.284								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**

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Annual Analysis for 1990 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2456.	2121.25	2544.	1029.	533014.25	730.078	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.3	8.225	8.4	7.9	0.049	0.222	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.3	8.177	8.4	7.9	0.052	0.228	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.005	0.007	0.013	0.004	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	183.5	165.25	189.	105.	1620.25	40.252	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4 ##	0.	0.5	2.	0.	1.	1.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	221.	200.25	231.	128.	2348.25	48.459	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4 ##	0.	0.5	2.	0.	1.	1.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1257.5	1082.25	1288.	526.	138124.25	371.651	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	282.	237.5	287.	99.	8531.667	92.367	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	62.	53.25	65.	24.	382.917	19.568	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	31.	25.5	31.	9.	121.	11.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	351.	307.	368.	158.	9985.333	99.927	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	401.5	341.	409.	152.	15908.667	126.13	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	290.	250.25	305.	116.	8084.25	89.912	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.7	0.65	0.8	0.4	0.03	0.173	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	3.	25.	232.	0.	5294.	72.76	0.	0.	3.75	209.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.477	0.505	2.365	0.	0.507	0.712	0.	0.	0.552	2.207
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.2								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	48.333	432.	0.	20701.	143.878	0.	0.	1.5	432.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	9	0.	0.346	2.635	0.	0.762	0.873	0.	0.	0.239	2.635
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.217								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	9	0.	2.	12.	0.	15.75	3.969	0.	0.	3.	12.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	9	0.	0.226	1.079	0.	0.145	0.381	0.	0.	0.477	1.079
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.682								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	3 ##	0.005	0.103	0.3	0.005	0.029	0.17	**	**	**	**

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Annual Analysis for 1991 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2652.5	2592.75	2730.	2336.	32200.917	179.446	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.35	8.175	8.5	7.5	0.209	0.457	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.347	7.961	8.5	7.5	0.27	0.52	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.004	0.011	0.032	0.003	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	177.	176.5	186.	166.	91.	9.539	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4 ##	1.5	1.5	3.	0.	3.	1.732	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	214.5	211.75	223.	195.	160.917	12.685	**	**	**	**

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Annual Analysis for 1991 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4 ##	2.	2.	4.	0.	5.333	2.309	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1320.	1302.	1383.	1185.	7488.667	86.537	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	276.5	276.25	298.	254.	426.917	20.662	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	60.5	60.25	63.	57.	10.25	3.202	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	30.5	30.5	34.	27.	9.667	3.109	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	371.	366.75	393.	332.	660.917	25.708	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	439.5	425.5	452.	371.	1392.333	37.314	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	306.	305.75	324.	287.	244.917	15.65	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.75	0.75	0.8	0.7	0.003	0.058	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	1.5	10.5	66.	0.	372.273	19.294	0.	0.	16.5	53.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.239	0.541	1.82	0.	0.446	0.668	0.	0.	1.211	1.688
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.473								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	4.5	15.25	78.	0.	547.295	23.394	0.	0.	20.25	67.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.628	0.742	1.892	0.	0.469	0.685	0.	0.	1.305	1.811
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.521								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	10.5	77.	687.	0.	38026.364	195.003	0.	0.75	35.25	516.9
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	1.017	1.025	2.837	0.	0.797	0.893	0.	0.119	1.547	2.61
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			10.594								

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Annual Analysis for 1992 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2448.	2296.5	2640.	1650.	196683.667	443.49	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.4	8.225	8.5	7.6	0.176	0.419	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.4	8.043	8.5	7.6	0.22	0.469	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.004	0.009	0.025	0.003	0.	0.011	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	179.5	170.75	185.	139.	456.25	21.36	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4	2.	2.	4.	0.	2.667	1.633	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	211.5	203.5	221.	170.	532.333	23.072	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4	2.	2.25	5.	0.	4.25	2.062	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1236.5	1165.	1349.	838.	50840.667	225.479	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	275.	254.5	280.	188.	1987.667	44.583	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	60.	58.	66.	46.	72.667	8.524	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	28.5	26.75	32.	18.	40.917	6.397	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	349.	329.75	384.	237.	4138.25	64.329	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	391.5	373.75	443.	269.	5694.25	75.46	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	291.	268.5	313.	179.	3668.333	60.567	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.7	0.65	0.7	0.5	0.01	0.1	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	10	6.	80.	401.	0.	18714.667	136.802	0.	0.	187.5	380.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	10	0.716	0.954	2.603	0.	1.121	1.059	0.	0.	2.273	2.571
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.998								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	6.	28.364	165.	0.	2558.455	50.581	0.6	3.	48.	145.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.778	0.907	2.217	0.	0.48	0.693	0.095	0.477	1.681	2.142
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.078								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	35.727	159.	0.	3465.818	58.871	0.	0.	75.	153.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.792	2.201	0.	0.837	0.915	0.	0.	1.875	2.185
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.189								

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Annual Analysis for 1993 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2608.5	2629.75	2730.	2572.	4762.917	69.014	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.2	8.1	8.4	7.6	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.2	7.982	8.4	7.6	0.139	0.372	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.006	0.01	0.025	0.004	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	179.	179.5	185.	175.	23.	4.796	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4 ##	0.	0.5	2.	0.	1.	1.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	218.	218.	222.	214.	16.667	4.082	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4 ##	0.	0.5	2.	0.	1.	1.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1319.	1328.75	1375.	1302.	1031.583	32.118	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	290.5	284.	300.	255.	431.333	20.769	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	60.	61.25	68.	57.	24.917	4.992	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	32.5	32.	35.	28.	10.	3.162	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	377.	377.75	393.	364.	146.917	12.121	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	440.	436.	459.	405.	518.	22.76	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	304.5	307.75	340.	282.	588.25	24.254	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	12.	23.182	111.	0.	1440.164	37.949	0.	0.	18.	105.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	1.079	0.785	2.045	0.	0.658	0.811	0.	0.	1.255	2.021
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.1								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	3.	22.091	108.	0.	1330.691	36.479	0.	0.	54.	99.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.477	0.707	2.033	0.	0.662	0.814	0.	0.	1.732	1.987
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.091								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	3.	21.273	108.	0.	1664.018	40.792	0.	0.	9.	106.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.477	0.697	2.033	0.	0.52	0.721	0.	0.	0.954	2.026
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.98								

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Annual Analysis for 1994 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	5	2592.	2676.4	2898.	2528.	23628.8	153.717	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	5	8.3	8.18	8.4	7.9	0.067	0.259	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	5	8.3	8.117	8.4	7.9	0.072	0.268	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	5	0.005	0.008	0.013	0.004	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	5	189.	192.4	205.	177.	151.8	12.321	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	5 ##	0.	0.8	2.	0.	1.2	1.095	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	5	231.	232.8	245.	216.	154.2	12.418	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	5 ##	0.	0.8	2.	0.	1.2	1.095	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	5	1293.	1341.	1424.	1273.	5670.5	75.303	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	5	292.	286.	293.	268.	111.5	10.559	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	5	56.	59.4	65.	56.	21.8	4.669	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	5	32.	33.4	37.	30.	11.3	3.362	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	5	371.	382.6	408.	356.	554.3	23.544	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	5	406.	425.8	478.	385.	2216.7	47.082	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	5	314.	297.	323.	214.	2181.5	46.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	5	0.8	0.65	0.8	0.05	0.113	0.335	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	18.	20.333	76.	0.	443.879	21.068	0.9	3.	29.25	64.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	1.255	1.052	1.881	0.	0.317	0.563	0.143	0.477	1.466	1.783
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.268								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	3.	2.1	6.	0.	4.1	2.025	0.	0.	3.	5.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	10	0.477	0.316	0.778	0.	0.083	0.287	0.	0.	0.477	0.748
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.072								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	7.5	13.583	44.	0.	219.174	14.805	0.9	3.	26.	41.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.866	0.879	1.643	0.	0.268	0.518	0.143	0.477	1.394	1.617
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.561								

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Annual Analysis for 1995 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2437.5	2479.	2849.	2192.	109351.333	330.683	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.4	8.375	8.4	8.3	0.002	0.05	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.4	8.373	8.4	8.3	0.003	0.05	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	178.5	181.5	196.	173.	100.333	10.017	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4	3.	2.75	5.	0.	4.25	2.062	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	214.	214.75	227.	204.	99.583	9.979	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4	4.	3.5	6.	0.	6.333	2.517	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1236.5	1243.5	1404.	1097.	21233.667	145.718	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	308.5	309.25	320.	300.	104.917	10.243	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	60.5	60.25	64.	56.	10.917	3.304	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	39.	38.5	40.	36.	3.	1.732	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	340.	335.5	390.	272.	3310.333	57.535	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	332.	329.75	410.	245.	4640.25	68.119	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	346.	362.75	442.	317.	3194.25	56.518	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.6	0.625	0.8	0.5	0.016	0.126	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	16.545	101.	0.	889.073	29.817	0.	0.	21.	86.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.724	2.004	0.	0.466	0.683	0.	0.	1.322	1.899
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.3								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	3.	6.545	27.	0.	105.873	10.289	0.	0.	6.	27.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.477	0.504	1.431	0.	0.281	0.53	0.	0.	0.778	1.431
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.195								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	6.	12.273	36.	3.	141.218	11.884	3.	3.	18.	35.4
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.778	0.921	1.556	0.477	0.155	0.394	0.477	0.477	1.255	1.549
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.334								

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Annual Analysis for 1996 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	2	2520.	2520.	2688.	2352.	56448.	237.588	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	2	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	2	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	2	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	2	180.5	180.5	182.	179.	4.5	2.121	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	2	220.	220.	222.	218.	8.	2.828	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	2	1275.	1275.	1361.	1189.	14792.	121.622	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	2	303.5	303.5	328.	279.	1200.5	34.648	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	2	57.5	57.5	67.	48.	180.5	13.435	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	2	39.	39.	39.	39.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	2	348.	348.	365.	331.	578.	24.042	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	2	385.	385.	418.	352.	2178.	46.669	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	2	335.	335.	365.	305.	1800.	42.426	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	11	3.	102.182	960.	0.	81931.564	286.237	0.	0.	48.	788.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	11	0.477	0.807	2.982	0.	0.986	0.993	0.	0.	1.681	2.787
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.413								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	3.	10.091	60.	0.	338.891	18.409	0.	0.	9.	53.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	11	0.477	0.552	1.778	0.	0.414	0.643	0.	0.	0.954	1.709
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.565								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	11	6.	34.091	270.	0.	6296.891	79.353	0.	0.	33.	223.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	11	0.778	0.862	2.431	0.	0.583	0.764	0.	0.	1.519	2.263
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.279								

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Annual Analysis for 1997 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	4	2408.	2416.5	2562.	2288.	19819.667	140.782	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.2	8.225	8.3	8.2	0.003	0.05	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	4	8.2	8.223	8.3	8.2	0.003	0.05	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	4	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	185.5	185.75	189.	183.	10.25	3.202	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	4	226.	226.5	231.	223.	17.	4.123	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	4	1209.	1210.75	1260.	1165.	1994.25	44.657	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	4	292.	292.75	309.	278.	273.583	16.54	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	4	64.	69.25	86.	63.	125.583	11.206	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	4	29.	29.25	36.	23.	28.917	5.377	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	4	322.	328.	348.	320.	181.333	13.466	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	4	357.5	356.75	382.	330.	611.583	24.73	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	4	308.	308.5	314.	304.	19.667	4.435	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	4	0.55	0.5	0.6	0.3	0.02	0.141	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	12	9.	14.	57.	0.	270.545	16.448	0.9	3.	23.25	48.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	12	0.954	0.901	1.756	0.	0.25	0.5	0.143	0.477	1.343	1.672
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.967								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	3.	2.5	9.	0.	7.909	2.812	0.	0.	3.	8.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	12	0.477	0.343	0.954	0.	0.113	0.336	0.	0.	0.477	0.901
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.204								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	12	4.5	7.75	33.	0.	95.659	9.781	0.	0.	11.25	28.5
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	12	0.628	0.624	1.519	0.	0.295	0.543	0.	0.	1.048	1.44
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.212								

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Annual Analysis for 1998 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	6	2006.	2150.5	2541.	1914.	73029.1	270.239	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/66-06/01/98	6	8.32	8.235	8.41	7.8	0.05	0.224	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	6	8.32	8.176	8.41	7.8	0.054	0.233	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	6	0.005	0.007	0.016	0.004	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	2	193.	193.	193.	193.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	2	235.	235.	235.	235.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	1	1245.	1245.	1245.	1245.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	2	235.5	235.5	315.	156.	12640.5	112.43	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	2	36.	36.	65.	7.	1682.	41.012	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	2	35.5	35.5	37.	34.	4.5	2.121	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	6	243.5	279.5	398.	228.	4565.5	67.568	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	6	370.5	370.833	375.	365.	14.567	3.817	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	6	313.5	317.	400.	275.	2103.6	45.865	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	6	0.	1.	3.	0.	2.4	1.549	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	6	0.	0.159	0.477	0.	0.061	0.246	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.442								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	3.	3.	6.	0.	7.2	2.683	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	6	0.477	0.418	0.778	0.	0.123	0.351	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.621								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.732								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	93	1984.	1982.505	4495.	668.	273484.861	522.958	1333.2	1734.	2264.	2537.6
00400p	PH (STANDARD UNITS)	12/20/66-06/01/98	104	8.2	8.077	8.55	2.	0.428	0.654	7.7	7.9	8.3	8.4
00400p	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	104	8.2	4.017	8.55	2.	17.075	4.132	7.7	7.9	8.3	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	104	0.006	96.163	10000.	0.003	961536.774	980.58	0.004	0.005	0.013	0.02
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	94	174.	170.681	205.	105.	363.747	19.072	141.5	164.5	183.	190.5
00415p	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	94 ##	0.	0.638	8.	0.	2.04	1.428	0.	0.	0.	3.
00440p	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	90	211.5	206.022	250.	128.	584.471	24.176	170.1	198.75	221.	231.9
00445p	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	90 ##	0.	0.9	16.	0.	5.731	2.394	0.	0.	0.	3.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	88	1098.5	1084.136	2228.	424.	60771.774	246.519	769.	985.	1207.5	1293.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/86-01/20/98	16 ##	0.005	0.021	0.09	0.005	0.001	0.026	0.005	0.005	0.03	0.076
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	96	257.	249.979	459.	91.	3392.673	58.247	174.5	225.75	279.75	295.4
00916p	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	93	58.	61.602	140.	24.	356.503	18.881	43.4	53.5	65.5	78.8
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	92	27.	26.957	59.	7.	77.383	8.797	17.3	22.	30.	37.
00929p	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	97	267.	269.66	608.	89.	5480.373	74.03	175.6	233.5	311.5	358.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	111	288.	296.829	822.	71.	8916.27	94.426	189.4	253.	342.	401.
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	102	260.5	251.686	471.	82.	3951.208	62.859	163.1	225.	286.	315.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	87	0.8	0.795	1.3	0.	0.057	0.239	0.58	0.7	0.9	1.1
01045	IRON, TOTAL (UG/L AS FE)	12/20/66-07/19/93	42	365.	878.81	4400.	0.	1361435.134	1166.806	10.	115.	1305.	2340.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/20/66-07/19/93	45 ##	10.	15.347	40.	0.	132.781	11.523	1.2	3.	25.	25.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	162	11.	44.29	960.	0.	12550.095	112.027	0.	1.5	33.	119.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	162	1.041	0.973	2.982	0.	0.604	0.777	0.	0.226	1.519	2.075
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.399								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	151	3.	17.841	432.	0.	2429.001	49.285	0.	0.	12.	49.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	151	0.477	0.608	2.635	0.	0.46	0.679	0.	0.	1.079	1.695
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.059								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	130	6.	39.577	894.	0.	12112.417	110.056	0.	0.	33.	101.7
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	130	0.778	0.904	2.951	0.	0.581	0.762	0.	0.	1.519	2.007
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.023								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	70 ##	0.2	0.519	5.5	0.005	1.009	1.004	0.011	0.173	0.525	0.89

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0059

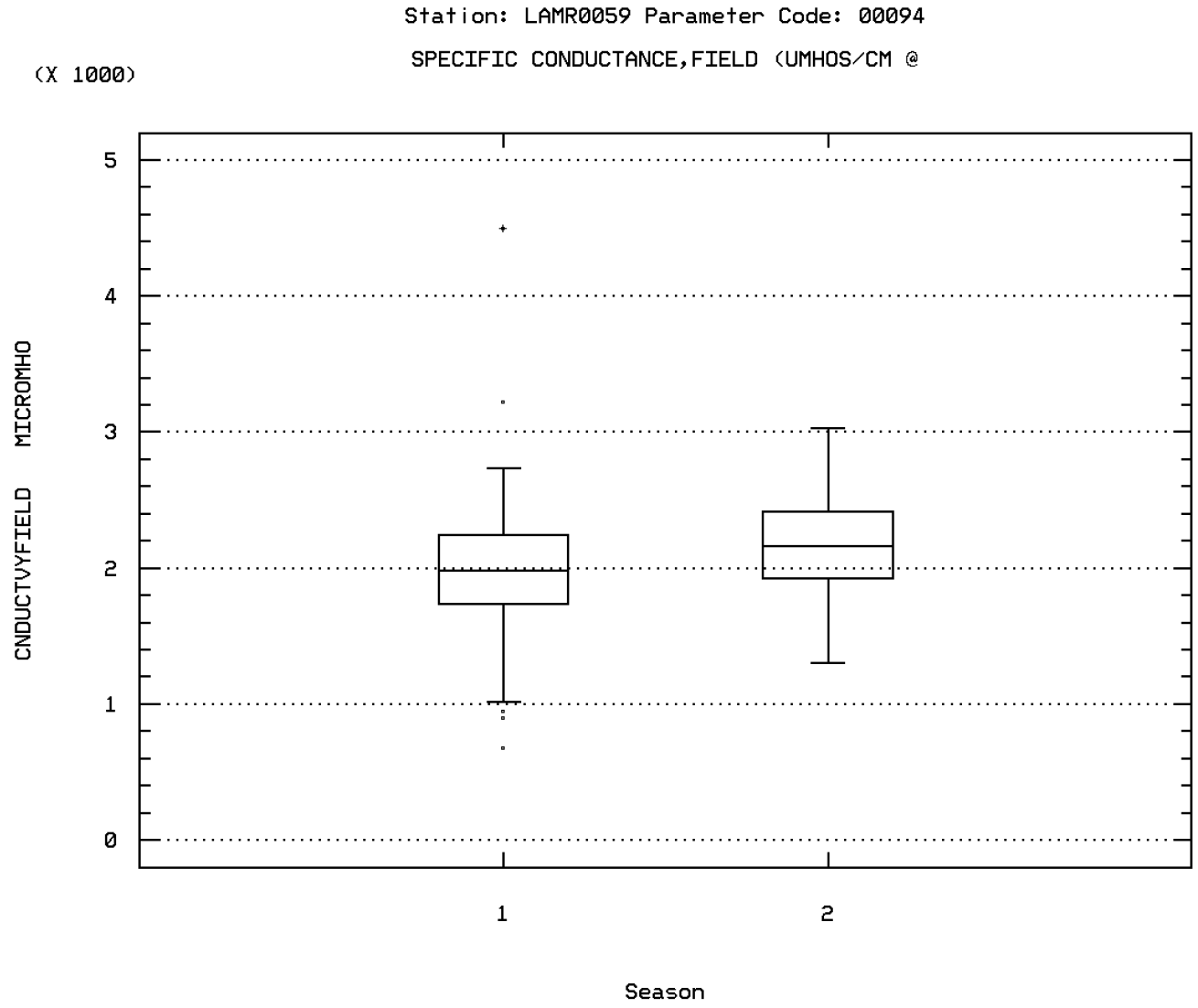
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/66-06/01/98	79	2160.	2187.089	3024.	1300.	131130.774	362.12	1769.	1925.	2416.	2701.
00400p	PH (STANDARD UNITS)	12/20/66-06/01/98	85	8.3	8.241	8.6	7.5	0.052	0.229	7.9	8.1	8.4	8.5
00400p	CONVERTED PH (STANDARD UNITS)	12/20/66-06/01/98	85	8.3	8.174	8.6	7.5	0.057	0.239	7.9	8.1	8.4	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/66-06/01/98	85	0.005	0.007	0.032	0.003	0.	0.004	0.003	0.004	0.008	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	73	182.	182.301	208.	156.	87.491	9.354	170.4	176.5	188.	194.8
00415p	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12/20/66-06/01/98	73 ##	0.	1.205	8.	0.	3.416	1.848	0.	0.	2.	4.
00440p	BICARBONATE ION (MG/L AS HCO3)	12/20/66-05/05/98	73	220.	219.233	254.	190.	134.292	11.588	205.4	211.	225.5	232.6
00445p	CARBONATE ION (MG/L AS CO3)	12/20/66-05/05/98	72 ##	0.	1.5	16.	0.	6.93	2.632	0.	0.	2.	4.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/66-01/20/98	70	1193.5	1212.2	1670.	920.	20984.684	144.861	1032.	1127.5	1289.5	1420.2
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/15/86-01/20/98	14 ##	0.005	0.012	0.05	0.005	0.	0.015	0.005	0.005	0.009	0.045
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/66-05/05/98	73	277.	281.178	443.	156.	1788.898	42.295	244.4	260.	292.5	323.6
00916p	CALCIUM, TOTAL (MG/L AS CA)	12/20/66-05/05/98	73	63.	65.301	120.	7.	180.519	13.436	56.4	60.	68.	78.8
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	12/20/66-05/05/98	73	28.	28.603	44.	21.	22.576	4.751	23.	26.	31.	35.6
00929p	SODIUM, TOTAL (MG/L AS NA)	12/20/66-06/01/98	80	288.5	298.363	408.	165.	3181.323	56.403	241.	260.	340.75	377.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/20/66-06/01/98	93	317.	329.946	510.	32.	5104.617	71.447	256.2	284.	375.	427.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/20/66-06/01/98	75	279.	282.133	442.	184.	2355.658	48.535	230.	250.	305.	329.2
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/20/66-05/05/98	70	0.8	0.849	1.5	0.3	0.043	0.206	0.7	0.7	0.925	1.1
01045	IRON, TOTAL (UG/L AS FE)	12/20/66-07/19/93	32	100.	332.188	2430.	10.	339566.028	582.723	13.	40.	215.	1404.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/20/66-07/19/93	33 ##	20.	17.755	29.	2.	68.907	8.301	5.74	10.	25.	25.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-06/01/98	129	3.	10.333	140.	0.	497.396	22.302	0.	0.	9.	24.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-06/01/98	129	0.477	0.557	2.146	0.	0.348	0.59	0.	0.	0.954	1.38
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.608								

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

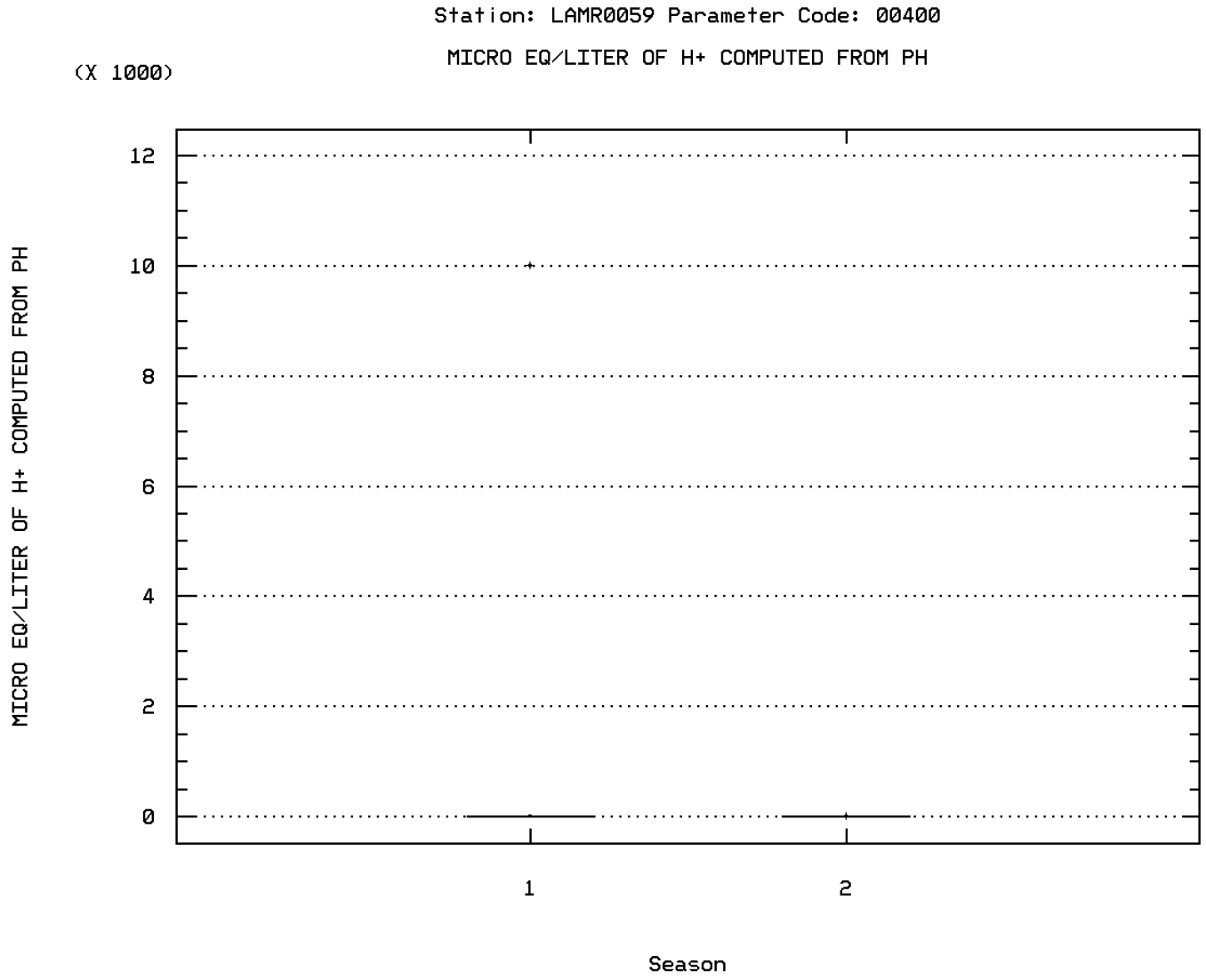
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0059

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	12/10/68-06/01/98	125	0.	3.744	71.	0.	114.853	10.717	0.	0.	3.	9.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/68-06/01/98	125	0.	0.262	1.851	0.	0.201	0.449	0.	0.	0.477	0.973
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.828								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/02/71-02/09/98	105	0.	5.267	90.	0.	143.755	11.99	0.	0.	6.	15.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/02/71-02/09/98	105	0.	0.397	1.954	0.	0.244	0.494	0.	0.	0.778	1.176
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.495								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/20/66-10/01/90	56 ##	0.2	0.366	4.8	0.005	0.527	0.726	0.009	0.06	0.2	0.8

** - 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



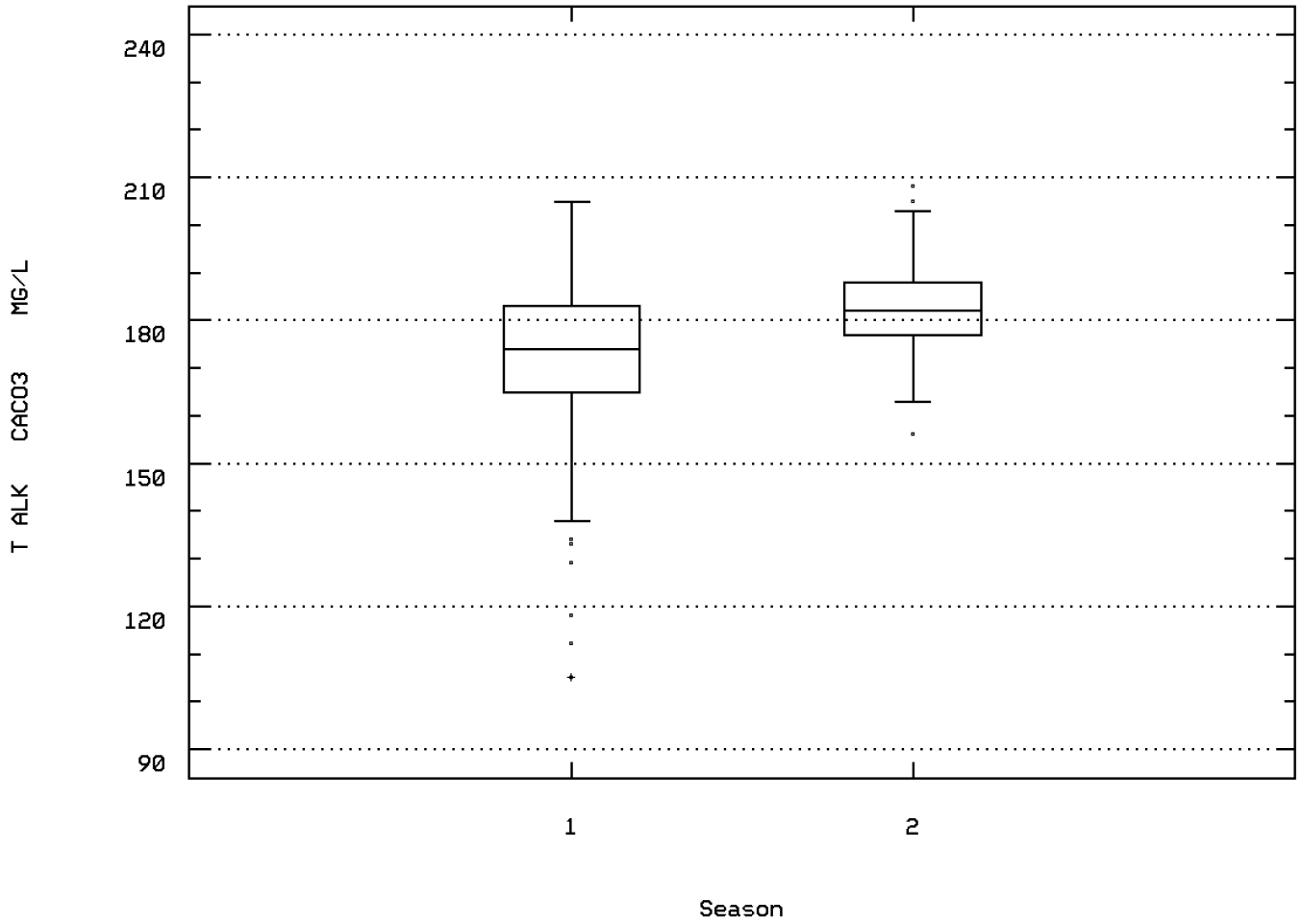
LAKE MEREDITH-ALIBATES



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00410

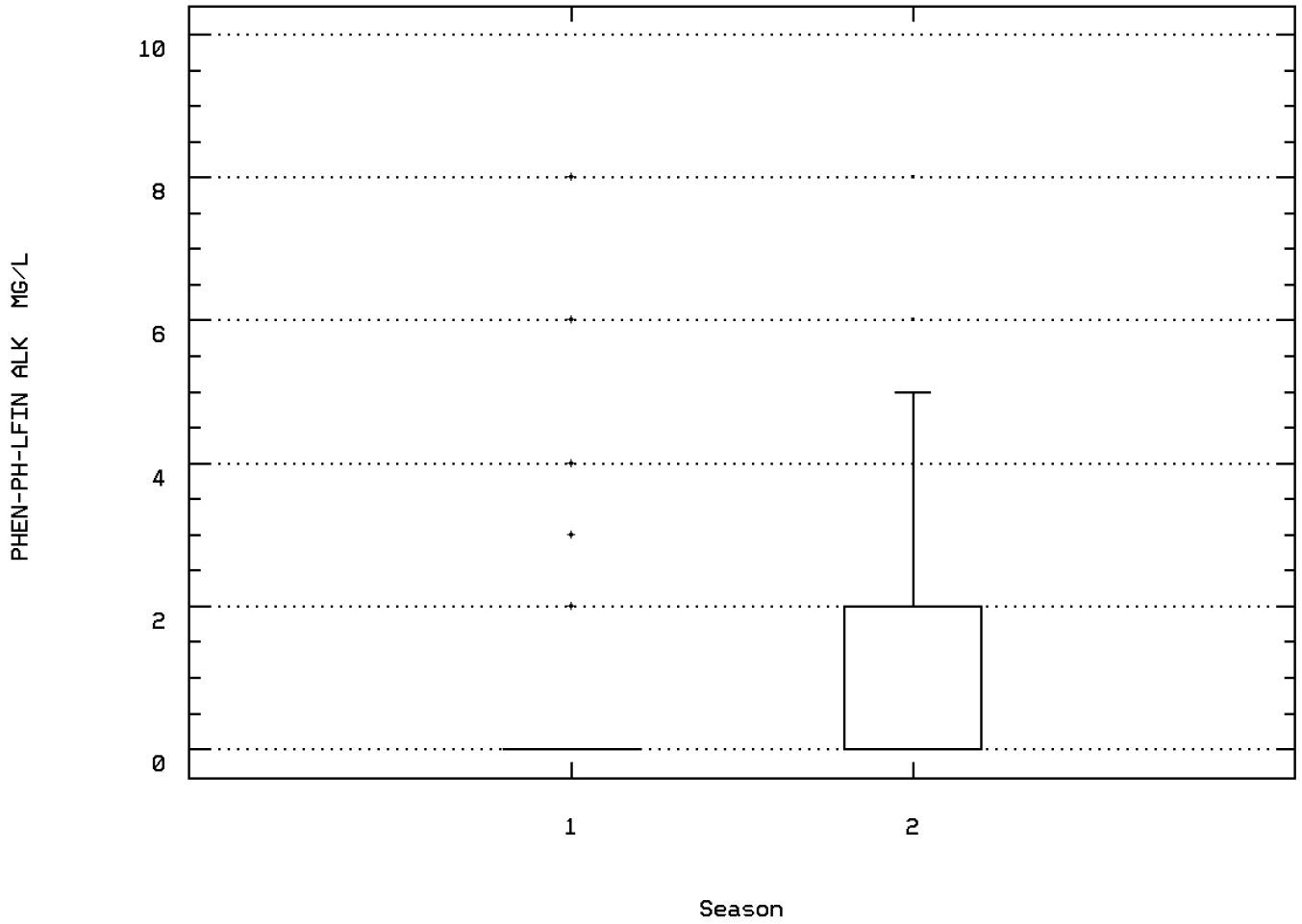
ALKALINITY, TOTAL (MG/L AS CACO3)



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00415

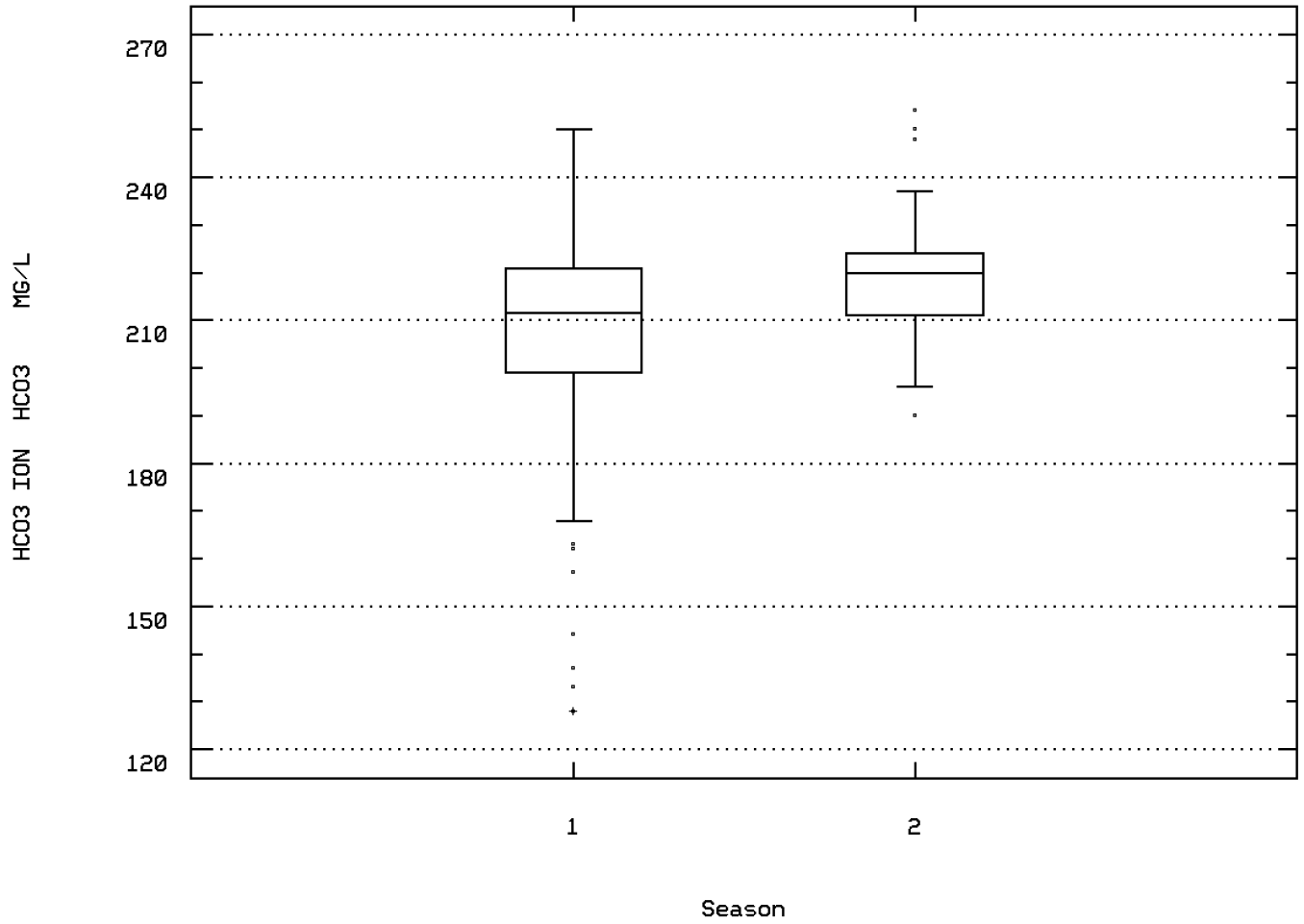
ALKALINITY, PHENOLPHTHALEIN (MG/L)



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00440

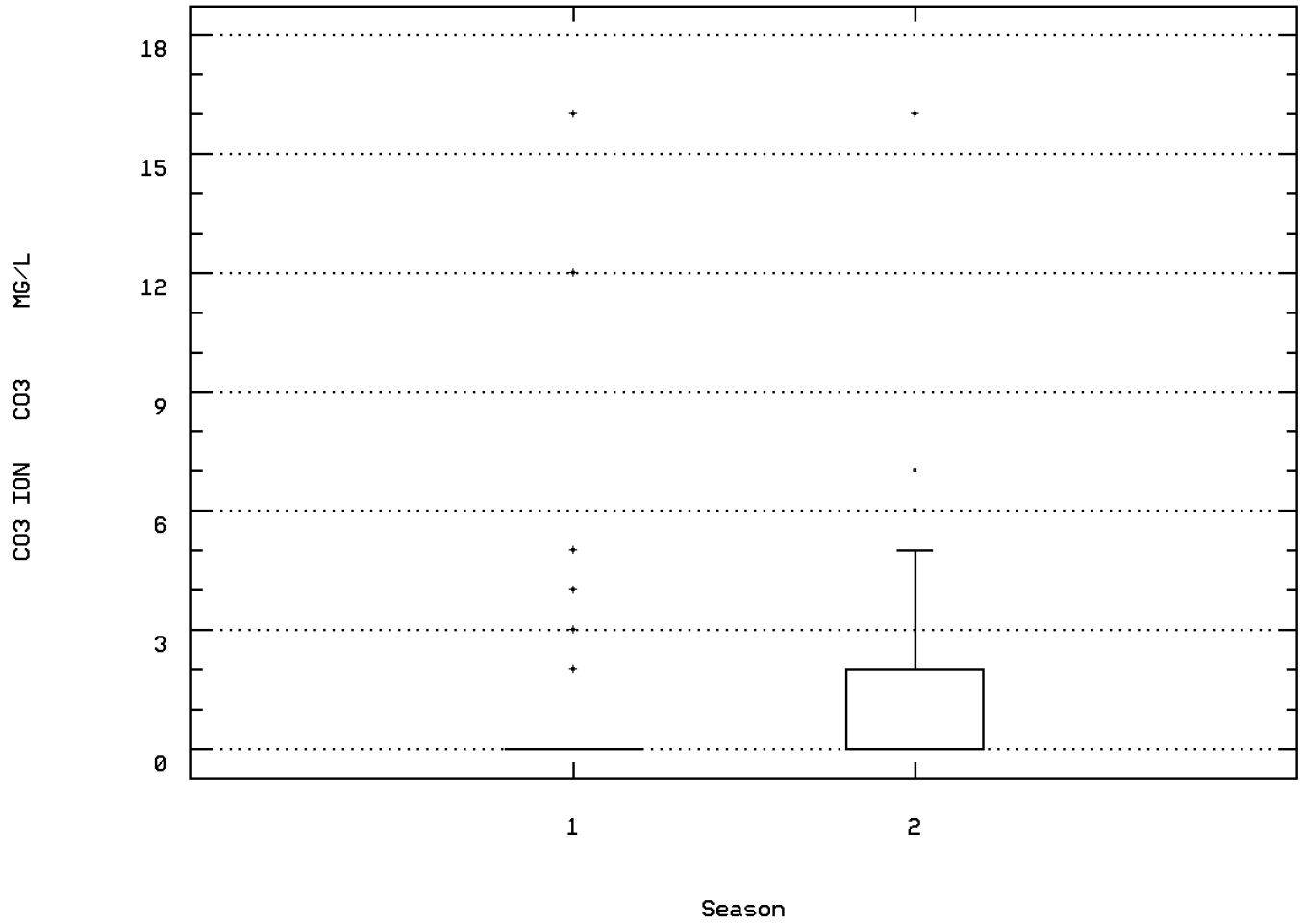
BICARBONATE ION (MG/L AS HCO3)



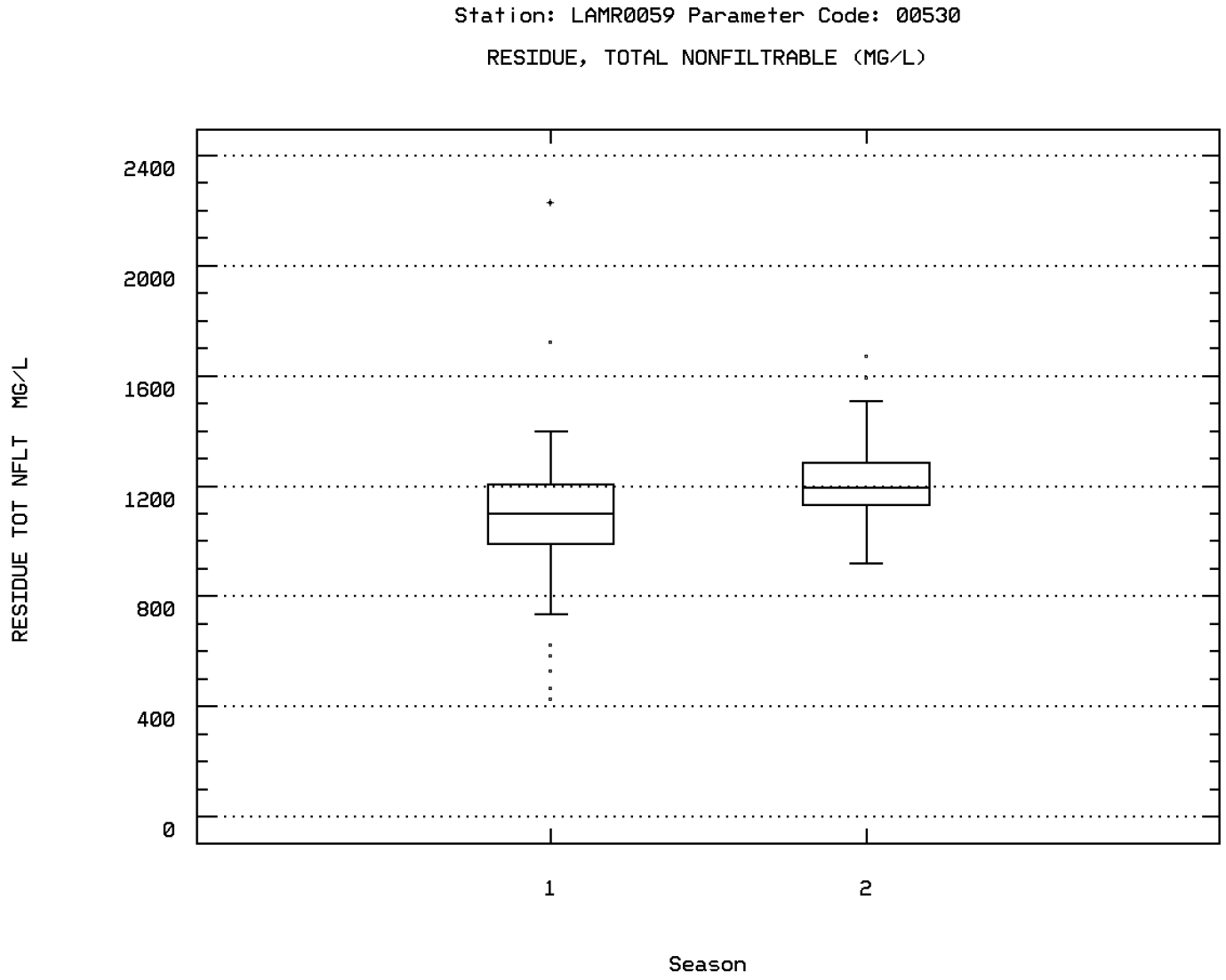
LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00445

CARBONATE ION (MG/L AS CO3)



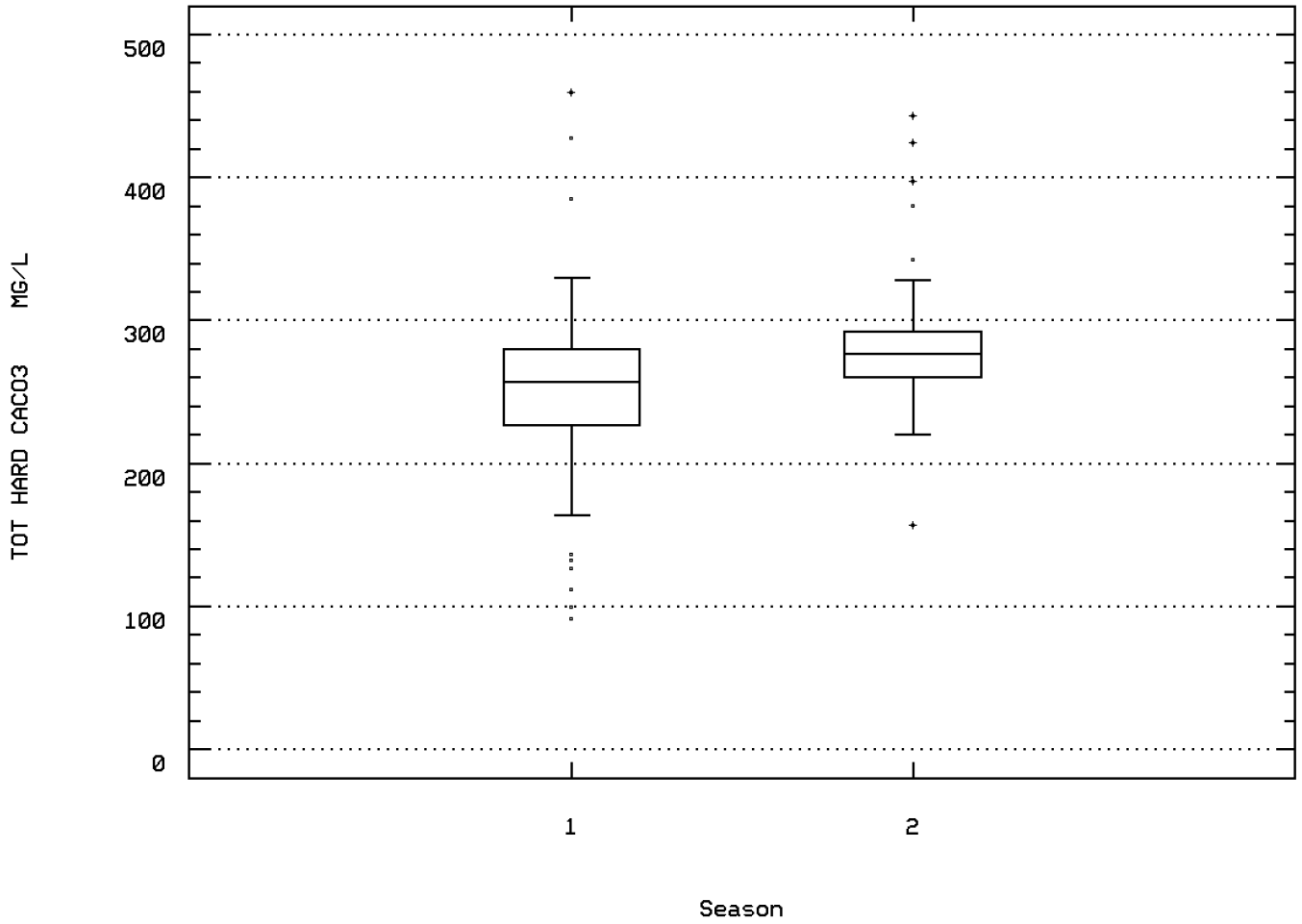
LAKE MEREDITH-ALIBATES



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00900

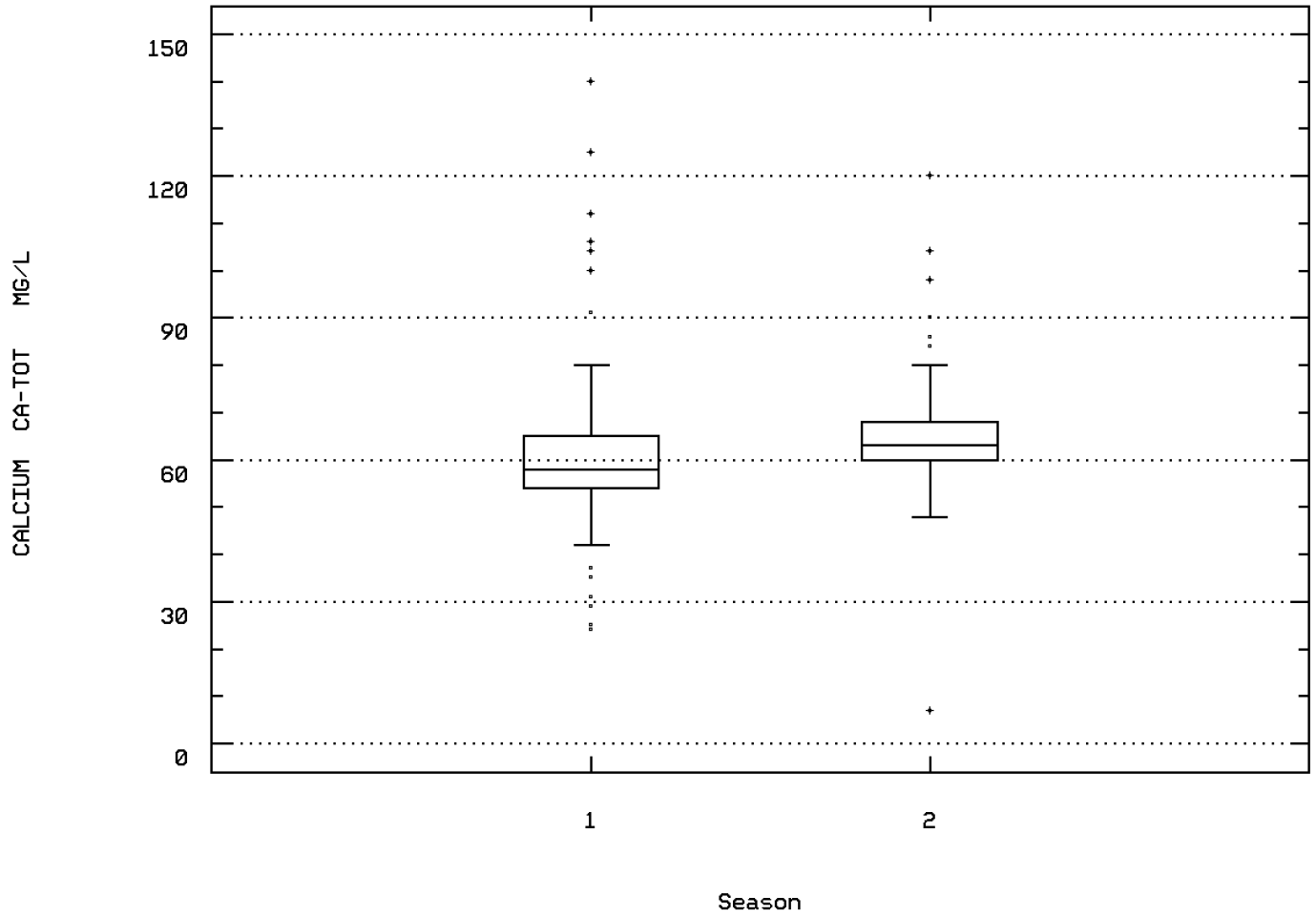
HARDNESS, TOTAL (MG/L AS CACO3)



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00916

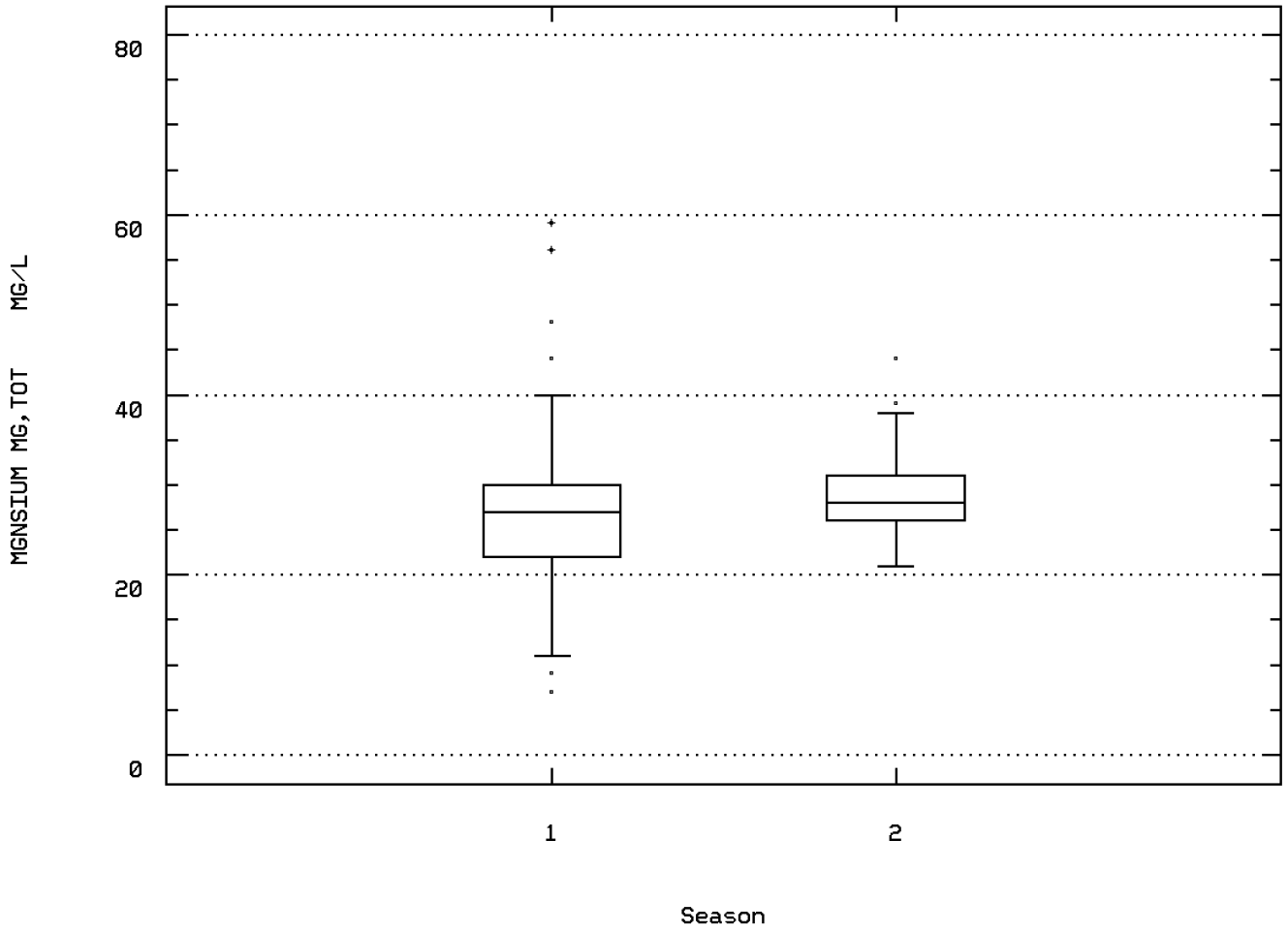
CALCIUM, TOTAL (MG/L AS CA)



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00927

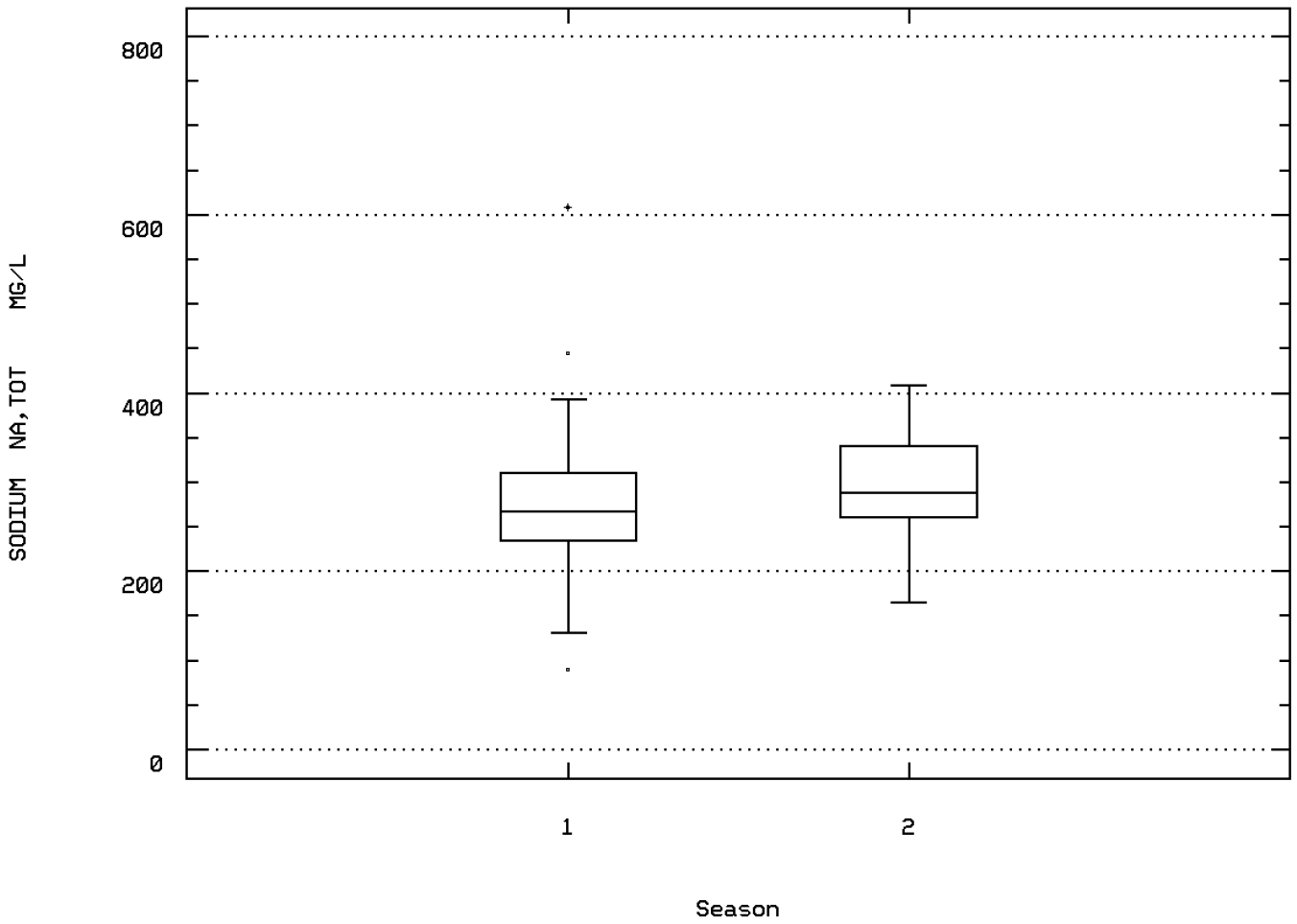
MAGNESIUM, TOTAL (MG/L AS MG)



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00929

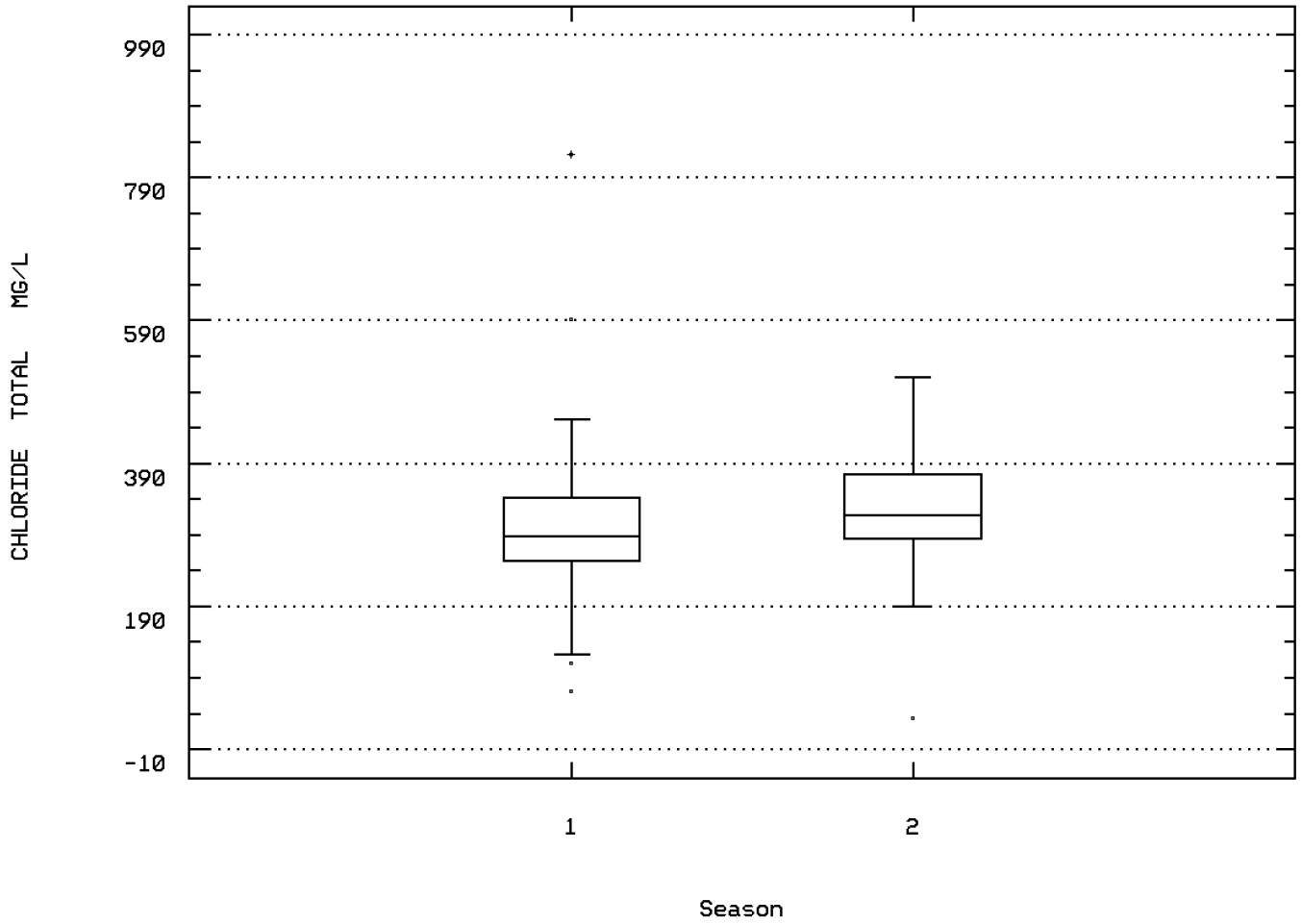
SODIUM, TOTAL (MG/L AS NA)



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00940

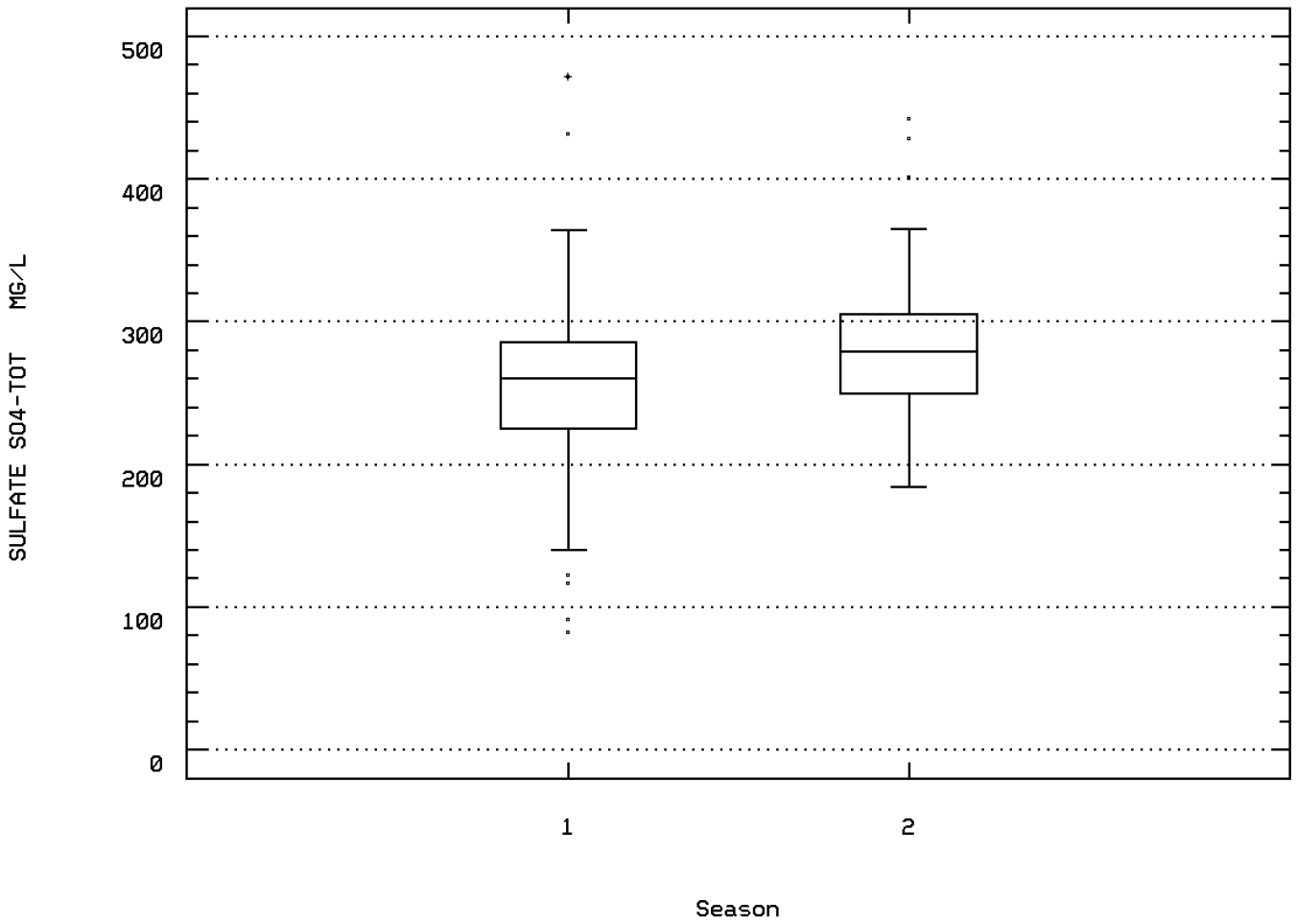
CHLORIDE,TOTAL IN WATER



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00945

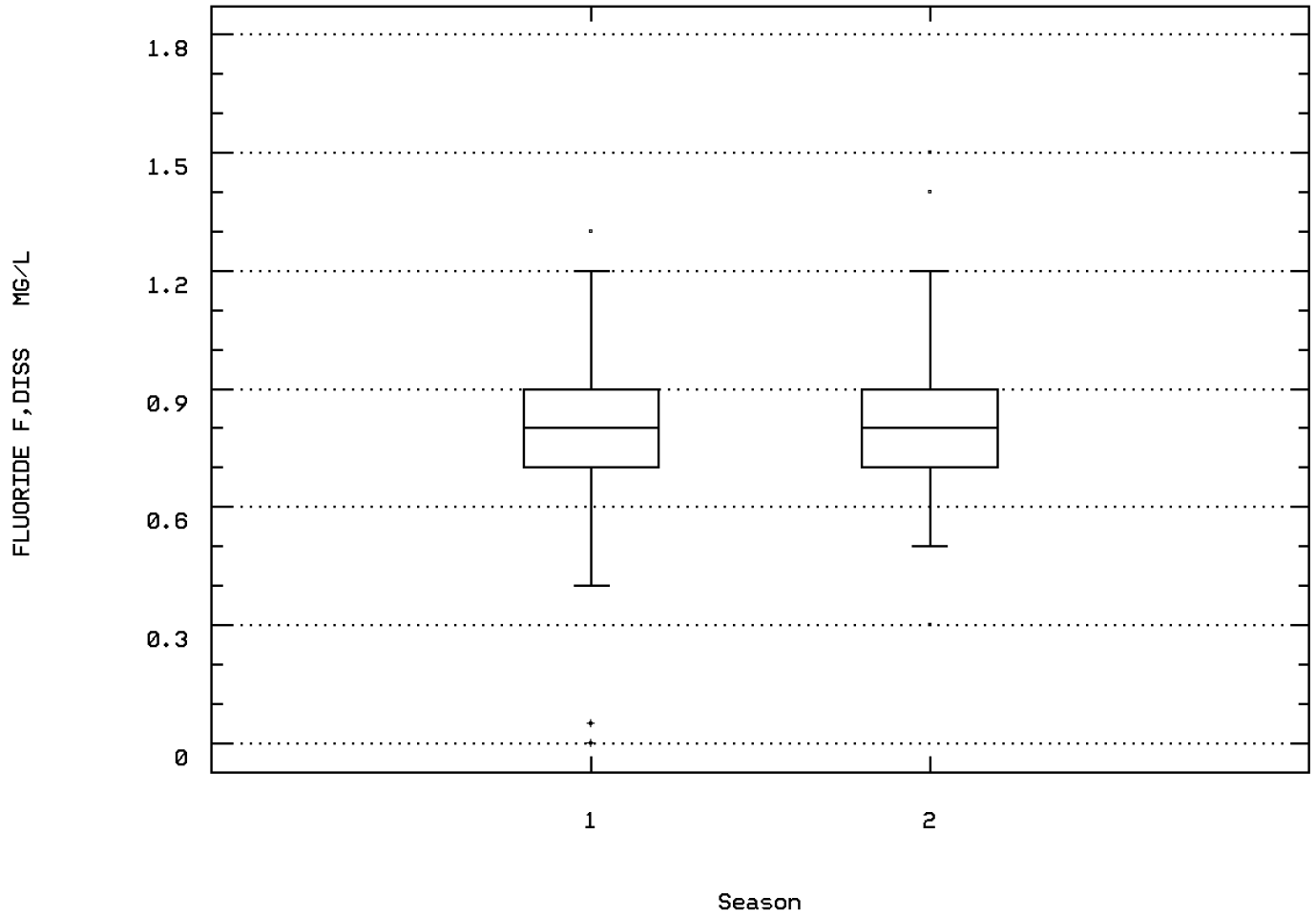
SULFATE, TOTAL (MG/L AS SO4)



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 00950

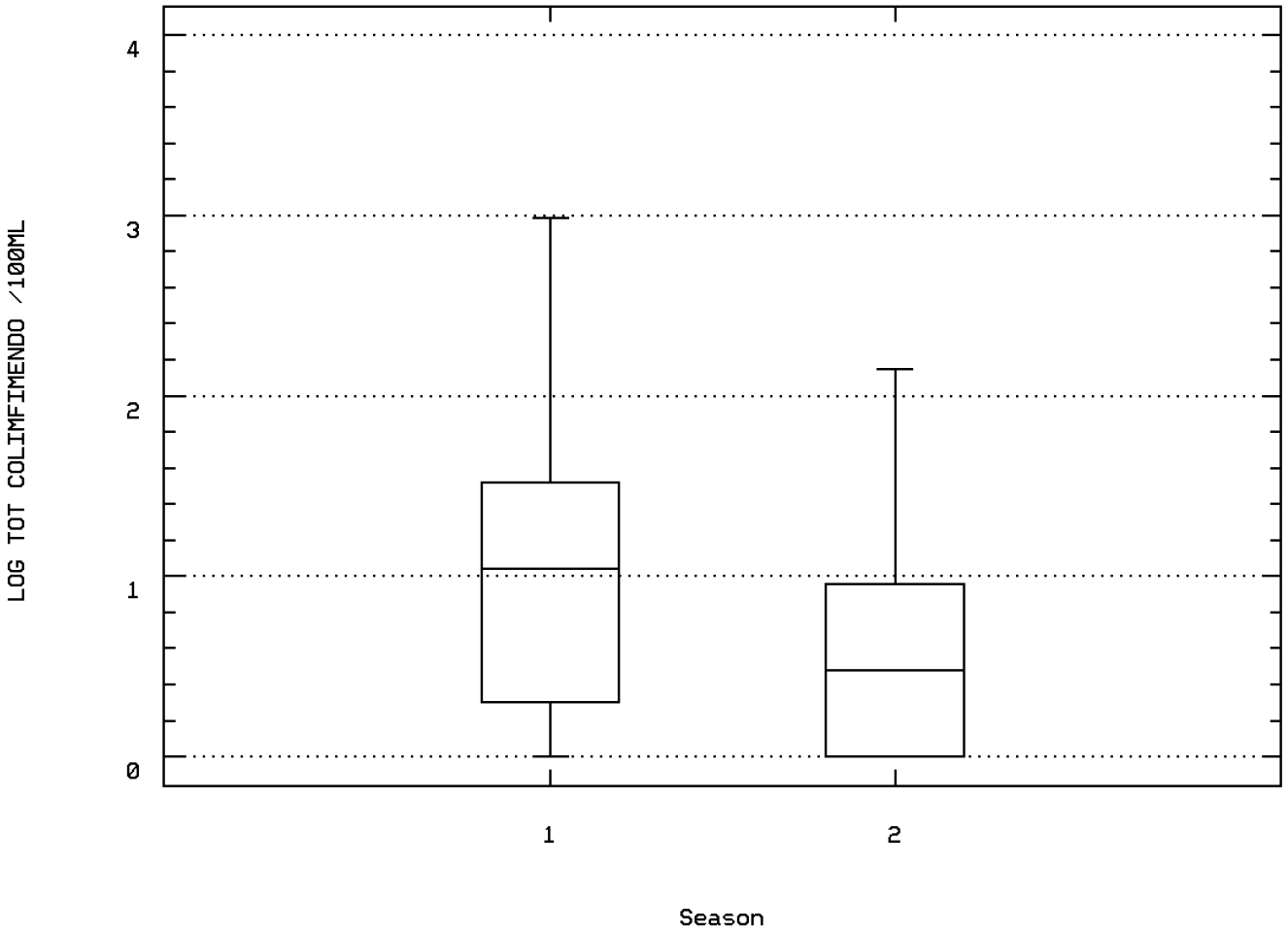
FLUORIDE, DISSOLVED (MG/L AS F)



LAKE MEREDITH-ALIBATES

Station: LAMR0059 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



LAKE MEREDITH-ALIBATES

Station Inventory for Station: LAMR0060

NPS Station ID: LAMR0060 | LAT/LON: 35.743059/-101.711116 | Agency: 11EPALES | Date Created: / /
Location: BIG BLUE CREEK | FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 4823F1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: T/LAKE MEREDITH | Elevation: 0 | Water Body Id:
Minor Basin: UNIMP RD XING 5 MI NW JCT 2NDRY RD 1913 | ECO Region:
RF1 Index: 11090105007 | RF1 Mile Point: 3.330 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
UNIMPROVED ROAD CROSSING 5 MI NW OF JCT WITH 2NDRY RD 1913 LU

Parameter Inventory for Station: LAMR0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	13	0.01	0.016	0.04	0.003	0.	0.01	0.004	0.01	0.024	0.034
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	2 ##	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/04/74	2	0.044	0.044	0.056	0.032	0.	0.017	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	13	0.25	0.446	1.4	0.05	0.188	0.434	0.07	0.125	0.65	1.32
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	13	0.08	0.122	0.37	0.01	0.014	0.117	0.014	0.03	0.23	0.33
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	12	0.01	0.014	0.03	0.005	0.	0.01	0.005	0.005	0.024	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	13 ##	0.003	0.004	0.016	0.003	0.	0.004	0.003	0.003	0.005	0.012

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

EPA Water Quality Criteria Analysis for Station: LAMR0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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: LAMR0061

NPS Station ID: LAMR0061
LAT/LON: 35.597587/-101.713115
Agency: 11NPSWRD
Date Created: 06/20/98
Location: LAKE MEREDITH-PLUM CREEK
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): LAMR_CRMWA_25
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2915
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALIBATES RANCH TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE PLUM CREEK AREA OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	05/12/69-07/15/69	2	69.	69.	74.	64.	50.	7.071	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/12/69-07/15/69	2	664.	664.	1200.	128.	574592.	758.018	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/15/69-07/15/69	1	1176.	1176.	1176.	1176.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/68-07/15/69	3	8.	7.733	8.	7.2	0.213	0.462	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/68-08/19/68	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/69-07/15/69	2	8.2	8.2	8.5	7.9	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/69-07/15/69	2	8.104	8.104	8.5	7.9	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/69-07/15/69	2	0.008	0.008	0.013	0.003	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/69-07/15/69	1	149.	149.	149.	149.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/15/69-07/15/69	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/15/69-07/15/69	1	182.	182.	182.	182.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/15/69-07/15/69	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/15/69-07/15/69	1	710.	710.	710.	710.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/15/69-07/15/69	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/15/69-07/15/69	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/15/69-07/15/69	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/15/69-07/15/69	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/15/69-07/15/69	1	169.	169.	169.	169.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/68-07/15/69	3	244.	219.667	287.	128.	6764.333	82.246	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/69-07/15/69	1	179.	179.	179.	179.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/15/69-07/15/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/15/69-07/15/69	1	300.	300.	300.	300.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	07/15/69-07/15/69	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/03/68-04/07/77	14	14.	90.786	350.	0.	19520.027	139.714	0.	3.	210.	350.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/03/68-04/07/77	14	1.146	1.207	2.544	0.	0.889	0.943	0.	0.452	2.311	2.544
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.115								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/12/69-09/09/70	7	8.	15.571	57.	0.	403.952	20.099	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/12/69-09/09/70	7	0.903	0.838	1.756	0.	0.426	0.652	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.88								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/15/69-07/15/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	2	1.00	2	2	1.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	1	0.33	3	1	0.33									
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									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	0	0.00	9	0	0.00	5	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	7	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: LAMR0062

NPS Station ID: LAMR0062 LAT/LON: 35.596670/-101.713338 Agency: 21TXWQB Date Created: 07/23/94
Location: LAKE MEREDITH MID-LAKE BETWEEN PLUM CREEK BOAT R FIPS State/County: 48375 TEXAS/POTTER
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 10042 /0102.0500 /102.5000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Canadian River Basin ECO Region: 26M
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LAKE MEREDITH MID-LAKE BETWEEN PLUM CREEK BOAT RAMP AND BATES BOAT RAMP

Parameter Inventory for Station: LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	164	1.	1.152	4.	1.	0.191	0.437	1.	1.	1.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/74-08/06/74	5	28.3	26.36	29.4	22.5	10.258	3.203	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/18/74-08/06/74	5	78.	78.5	85.	72.5	29.75	5.454	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	05/03/76-09/01/92	33	85.5	84.939	89.9	74.6	13.299	3.647	79.74	83.	88.	89.12
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/06/74-08/06/74	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-06/01/98	20	1879.5	1874.75	2187.	1700.	14627.25	120.943	1700.	1791.	1935.25	2010.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	83	2046.	2024.639	4495.	890.	248410.819	498.408	1437.6	1771.	2320.	2492.8
00300	OXYGEN, DISSOLVED MG/L	06/18/74-08/06/74	5	8.5	9.12	11.6	8.2	1.967	1.402	**	**	**	**
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/18/74-06/18/74	2	6420.	6420.	6420.	6420.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/74-06/01/98	16	8.39	8.386	8.52	8.29	0.005	0.069	8.304	8.33	8.432	8.513
00400	CONVERTED PH (STANDARD UNITS)	08/06/74-06/01/98	16	8.39	8.381	8.52	8.29	0.005	0.069	8.304	8.33	8.432	8.513
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/74-06/01/98	16	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.004	0.005	0.005
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	87	8.3	8.244	8.6	7.5	0.049	0.22	7.9	8.2	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	87	8.3	8.174	8.6	7.5	0.053	0.231	7.9	8.2	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	87	0.005	0.007	0.032	0.003	0.	0.005	0.004	0.004	0.006	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	66	180.	177.076	220.	105.	413.21	20.328	147.9	171.	186.	200.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/03/76-06/01/98	56	0.	0.902	4.	0.	1.504	1.226	0.	0.	2.	3.
00440	BICARBONATE ION (MG/L AS HCO3)	05/03/76-06/01/98	54	215.	208.352	235.	128.	462.761	21.512	172.	204.75	221.	226.
00445	CARBONATE ION (MG/L AS CO3)	05/03/76-06/01/98	54	0.	0.991	5.	0.	2.118	1.455	0.	0.	2.	4.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/74-08/06/74	2 ##	31.5	31.5	58.	5.	1404.5	37.477	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/18/74-08/06/74	2 ##	6.	6.	7.	5.	2.	1.414	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/18/74-06/18/74	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	06/18/74-06/18/74	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/74-08/06/74	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/20/98-01/20/98	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-06/01/98	56 ##	0.02	0.106	0.9	0.005	0.029	0.169	0.005	0.005	0.2	0.344
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/18/74-06/18/74	2	730.	730.	730.	730.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/18/74-08/06/74	2	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/74-08/06/74	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/74-08/06/74	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/18/74-06/18/74	2	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/74-08/06/74	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/74-08/06/74	2	9.	9.	12.	6.	18.	4.243	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	54	262.5	249.148	459.	91.	3326.544	57.676	170.	224.25	278.25	287.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/03/76-06/01/98	54	59.	56.667	104.	7.	186.038	13.64	42.5	53.	63.	65.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/03/76-06/01/98	54	27.	26.111	48.	7.	50.78	7.126	15.5	22.	30.	33.

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

Parameter Inventory for Station: LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	96	257.	269.92	608.	0.65	5508.265	74.218	195.6	228.	320.	349.2
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	99	352.	346.222	822.	109.	7734.828	87.948	246.	316.	380.	431.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/74-08/06/74	1	285.	285.	285.	285.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/74-06/01/98	71	280.	266.127	471.	38.	4529.455	67.301	164.	250.	300.	315.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/03/76-06/01/98	54	0.7	0.724	1.2	0.4	0.016	0.126	0.6	0.7	0.8	0.8
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/18/74-06/18/74	2	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/74-06/18/74	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/74-06/18/74	2	21.	21.	21.	21.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/74-06/18/74	2	15.	15.	15.	15.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/74-06/18/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/74-06/18/74	2	280.	280.	280.	280.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/74-06/18/74	2	26.	26.	26.	26.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/18/74-06/18/74	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/74-06/18/74	2	61.	61.	61.	61.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	150	3.	27.743	710.	0.	6877.241	82.929	0.	0.5	15.	48.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	150	0.477	0.6	2.851	-0.301	0.68	0.824	0.	-0.301	1.176	1.681
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.982								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	150 ##	4.5	14.907	432.	0.5	2243.76	47.368	0.5	0.5	6.	29.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	150 ##	0.651	0.504	2.635	-0.301	0.486	0.697	-0.301	-0.301	0.778	1.473
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.191								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	143	3.	28.86	894.	0.	10686.325	103.375	0.	0.5	12.	69.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	143	0.477	0.552	2.951	-0.301	0.654	0.809	0.	-0.301	1.079	1.836
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.561								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/74-08/06/74	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/06/74-08/06/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/06/74-08/06/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/06/74-08/06/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/06/74-08/06/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1 ##	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/06/74-08/06/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/06/74-08/06/74	1	21.	21.	21.	21.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1 ##	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/74-08/06/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/06/74-08/06/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/06/74-08/06/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/18/74-06/18/74	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/06/74-08/06/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	01/12/87-11/09/92	22	1214.	1141.773	1383.	463.	57083.708	238.922	619.6	1141.5	1270.	1348.7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/15/97-06/01/98	4	1208.5	1206.75	1245.	1165.	1538.917	39.229	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/18/74-06/18/74	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	01/18/77-03/21/79	7	83.1	83.071	85.9	80.17	3.38	1.838	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a 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	5	0	0.00									
00400	PH	Fresh Chronic	9.	16	0	0.00	11	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	16	0	0.00	11	0	0.00	5	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	87	0	0.00	49	0	0.00	38	0	0.00						
		Other-Lo Lim.	6.5	87	0	0.00	49	0	0.00	38	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.	56	0	0.00	32	0	0.00	24	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	99	0	0.00	57	0	0.00	42	0	0.00						
		Drinking Water	250.	99	88	0.89	57	49	0.86	42	39	0.93						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	71	54	0.76	40	30	0.75	31	24	0.77						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	54	0	0.00	30	0	0.00	24	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	150	0	0.00	83	0	0.00	67	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	150	2	0.01	84	2	0.02	66	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	0 &	0	0.00												
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									

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

Annual Analysis for 1974 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	8	2.	2.125	4.	1.	1.268	1.126	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	2	2018.5	2018.5	2046.	1991.	1512.5	38.891	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	2	8.4	8.4	8.5	8.3	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	2	8.389	8.389	8.5	8.3	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	2	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	2	298.5	298.5	301.	296.	12.5	3.536	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	1	16.	16.	16.	16.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	1	1.204	1.204	1.204	1.204	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.								

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

Annual Analysis for 1976 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	6	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	3	2187.	1928.667	2240.	1359.	244092.333	494.057	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	3	8.	7.933	8.1	7.7	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	3	8.	7.899	8.1	7.7	0.045	0.212	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	3	0.01	0.013	0.02	0.008	0.	0.006	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	3	297.	265.667	310.	190.	4336.333	65.851	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	3	328.	286.	329.	201.	5419.	73.614	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	6	12.	129.333	710.	6.	80956.267	284.528	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	6	1.079	1.375	2.851	0.778	0.56	0.748	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.688								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	6 ##	5.	24.917	132.	0.5	2755.642	52.494	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	6 ##	0.699	0.703	2.121	-0.301	0.636	0.797	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.046								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	5	0.	17.4	84.	0.	1387.8	37.253	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	5	0.	0.48	1.924	0.	0.694	0.833	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.022								

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

Annual Analysis for 1977 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	8	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	3	2160.	2050.	2208.	1782.	54444.	233.332	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	3	8.4	8.2	8.4	7.8	0.12	0.346	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	3	8.4	8.1	8.4	7.8	0.135	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	3	0.004	0.008	0.016	0.004	0.	0.007	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	3	299.	282.667	304.	245.	1070.333	32.716	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	3	326.	300.	328.	246.	2188.	46.776	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	7	0.	27.857	123.	0.	2048.143	45.256	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	7	0.	0.743	2.09	0.	0.891	0.944	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.536								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	8 ##	5.	5.375	9.	3.	2.839	1.685	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	8 ##	0.699	0.713	0.954	0.477	0.017	0.13	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.165								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	7	0.	47.571	288.	0.	11413.286	106.833	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	7	0.	0.71	2.459	0.	0.975	0.988	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.129								

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Annual Analysis for 1978 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	4	2140.	2144.75	2187.	2112.	1234.25	35.132	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	4	8.3	8.3	8.4	8.2	0.007	0.082	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	4	8.3	8.294	8.4	8.2	0.007	0.082	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	4	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	4	298.5	298.	305.	290.	38.	6.164	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	4	319.	321.5	332.	316.	57.	7.55	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	11	3.	12.545	48.	0.	300.273	17.328	0.	0.	33.	45.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	11	0.477	0.666	1.681	0.	0.463	0.68	0.	0.	1.519	1.649
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.634								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	11	5.	6.182	15.	3.	16.564	4.07	3.	3.	9.	14.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	11	0.699	0.719	1.176	0.477	0.063	0.251	0.477	0.477	0.954	1.157
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.241								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	11	3.	6.273	30.	0.	99.818	9.991	0.	0.	6.	28.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	11	0.477	0.483	1.477	0.	0.303	0.551	0.	0.	0.778	1.446
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.039								

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

Annual Analysis for 1979 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	2	2399.5	2399.5	2625.	2174.	101700.5	318.905	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	2	8.35	8.35	8.4	8.3	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	2	8.347	8.347	8.4	8.3	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	2	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	2	334.	334.	361.	307.	1458.	38.184	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	2	386.5	386.5	431.	342.	3960.5	62.933	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	10	12.	22.8	126.	0.	1356.4	36.829	0.3	9.75	17.25	115.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	10	1.079	1.053	2.1	0.	0.296	0.544	0.048	0.929	1.227	2.028
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.297								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	5.	14.4	66.	5.	376.267	19.398	5.	5.	15.75	62.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	0.699	0.948	1.82	0.699	0.154	0.392	0.699	0.699	1.167	1.781
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.868								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	9	0.	9.	60.	0.	400.5	20.012	0.	0.	10.5	60.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	9	0.	0.39	1.778	0.	0.449	0.67	0.	0.	0.866	1.778
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.455								

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Annual Analysis for 1980 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	2	3431.5	3431.5	4495.	2368.	2262064.5	1504.016	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	2	8.35	8.35	8.4	8.3	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	2	8.347	8.347	8.4	8.3	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	2	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	2	468.	468.	608.	328.	39200.	197.99	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	2	592.5	592.5	822.	363.	105340.5	324.562	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	4	1.5	3.	9.	0.	18.	4.243	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	4	0.239	0.358	0.954	0.	0.209	0.457	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.28								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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Annual Analysis for 1980 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	4 ##	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1981 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	2	1501.	1501.	1730.	1272.	104882.	323.855	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	2	8.15	8.15	8.3	8.	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	2	8.125	8.125	8.3	8.	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	2	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	2	209.5	209.5	249.	170.	3120.5	55.861	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	2	221.5	221.5	266.	177.	3960.5	62.933	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	2	15.	15.	24.	6.	162.	12.728	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	2	1.079	1.079	1.38	0.778	0.181	0.426	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	2 ##	10.	10.	15.	5.	50.	7.071	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	2 ##	0.938	0.938	1.176	0.699	0.114	0.337	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.66								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.								

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Annual Analysis for 1982 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	8	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	4	1336.5	1382.25	1914.	942.	168692.25	410.722	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	4	8.25	8.2	8.3	8.	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	4	8.247	8.182	8.3	8.	0.02	0.143	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	4	0.006	0.007	0.01	0.005	0.	0.002	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	4	185.5	190.75	261.	131.	3161.583	56.228	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	4	181.5	192.25	297.	109.	6352.917	79.705	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	6	1.5	6.833	24.	0.	100.167	10.008	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	6	0.239	0.501	1.38	0.	0.389	0.623	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.166								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	6 ##	5.	6.167	15.	3.	19.367	4.401	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	6 ##	0.699	0.725	1.176	0.477	0.056	0.238	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.313								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	5	6.	79.8	375.	0.	27263.7	165.117	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	5	0.778	1.001	2.574	0.	0.958	0.979	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			10.025								

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Annual Analysis for 1983 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	5	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	3	1771.	1741.	1782.	1670.	3811.	61.733	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	3	8.	7.967	8.2	7.7	0.063	0.252	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	3	8.	7.918	8.2	7.7	0.067	0.259	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	3	0.01	0.012	0.02	0.006	0.	0.007	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	3	240.	241.	249.	234.	57.	7.55	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	3	258.	258.667	272.	246.	169.333	13.013	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	5	0.	53.4	264.	0.	13861.8	117.736	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	5	0.	0.58	2.422	0.	1.103	1.05	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.8								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	5 ##	5.	13.8	48.	5.	365.7	19.123	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	5 ##	0.699	0.911	1.681	0.699	0.186	0.432	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.152								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	5	0.	27.6	135.	0.	3606.3	60.052	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	5	0.	0.521	2.13	0.	0.852	0.923	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.323								

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Annual Analysis for 1984 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	1	2096.	2096.	2096.	2096.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	1	292.	292.	292.	292.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	1	310.	310.	310.	310.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			9.								

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Annual Analysis for 1985 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	2	2264.	2264.	2304.	2224.	3200.	56.569	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	2	8.4	8.4	8.5	8.3	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	2	8.389	8.389	8.5	8.3	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	2	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	2	320.5	320.5	328.	313.	112.5	10.607	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	2	355.5	355.5	361.	350.	60.5	7.778	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	9	3.	20.167	135.	0.	1932.063	43.955	0.	0.5	19.5	135.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	9	0.477	0.521	2.13	-0.301	0.754	0.868	0.	-0.301	1.255	2.13
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.322								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##	3.	18.278	144.	0.5	2225.882	47.179	0.5	0.5	5.	144.

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Annual Analysis for 1985 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##	0.477	0.454	2.158	-0.301	0.592	0.769	-0.301	-0.301	0.699	2.158
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.843								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	9	3.	14.778	102.	0.	1102.132	33.198	0.	0.25	12.	102.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	9	0.477	0.488	2.009	-0.301	0.588	0.767	0.	-0.151	1.017	2.009
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.078								

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Annual Analysis for 1986 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	2	2336.	2336.	2352.	2320.	512.	22.627	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	2	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	2	336.5	336.5	340.	333.	24.5	4.95	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	2	376.	376.	377.	375.	2.	1.414	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	10 ##	1.75	45.55	396.	0.5	15325.803	123.797	0.5	0.5	17.25	360.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	10 ##	0.088	0.462	2.598	-0.301	1.007	1.004	-0.301	-0.301	1.121	2.5
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.9								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	0.5	33.9	288.	0.5	8113.267	90.074	0.5	0.5	14.25	263.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	-0.301	0.35	2.459	-0.301	0.97	0.985	-0.301	-0.301	0.981	2.373
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.238								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	10 ##	3.25	103.95	894.	0.5	77827.358	278.976	0.5	0.5	42.75	813.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	10 ##	0.239	0.691	2.951	-0.301	1.395	1.181	-0.301	-0.301	1.562	2.852
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.91								

** - Less than 9 observations ## - Computed 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 LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	8	1874.	1943.625	2464.	1535.	135105.982	367.568	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	8	8.4	8.362	8.4	8.2	0.006	0.074	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	8	8.4	8.356	8.4	8.2	0.006	0.075	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	8	0.004	0.004	0.006	0.004	0.	0.001	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	7	211.	249.857	352.	153.	6761.81	82.23	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	8	324.	334.625	412.	235.	3869.411	62.205	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	11	6.	7.818	33.	0.5	98.464	9.923	0.5	0.5	9.	30.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	11	0.778	0.501	1.519	-0.301	0.474	0.689	-0.301	-0.301	0.954	1.466
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.17								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	0.5	4.6	36.	0.5	124.711	11.167	0.5	0.5	1.875	33.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	10 ##	-0.301	-0.007	1.556	-0.301	0.417	0.646	-0.301	-0.301	-0.031	1.478
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.983								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	11	6.	8.091	39.	0.5	128.791	11.349	0.5	0.5	12.	34.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	11	0.778	0.496	1.591	-0.301	0.478	0.692	-0.301	-0.301	1.079	1.508
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.132								

** - Less than 9 observations ## - Computed 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 LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	9	1925.	1904.	2448.	896.	204048.75	451.718	896.	1743.	2222.5	2448.
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	9	8.3	8.189	8.5	7.7	0.076	0.276	7.7	7.95	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	9	8.3	8.105	8.5	7.7	0.084	0.29	7.7	7.95	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	9	0.005	0.008	0.02	0.003	0.	0.006	0.003	0.004	0.011	0.02
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	9	228.	245.778	344.	137.	3754.944	61.278	137.	224.	300.	344.
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	9	345.	325.	388.	122.	6079.5	77.971	122.	334.	353.5	388.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	11	3.	9.5	48.	0.5	199.65	14.13	0.5	0.5	15.	41.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	11	0.477	0.458	1.681	-0.301	0.604	0.777	-0.301	-0.301	1.176	1.58
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.871								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	11 ##	0.5	6.364	42.	0.5	160.855	12.683	0.5	0.5	12.	36.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	11 ##	-0.301	0.125	1.623	-0.301	0.552	0.743	-0.301	-0.301	1.079	1.514
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.333								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	10	6.	15.75	78.	0.5	572.458	23.926	0.5	0.5	24.75	72.9
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	10	0.716	0.679	1.892	-0.301	0.636	0.798	-0.301	-0.301	1.393	1.846
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.773								

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Annual Analysis for 1989 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	10	1871.5	1911.3	2416.	1430.	129089.122	359.29	1436.	1583.75	2328.	2409.6
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	10	8.35	8.37	8.6	8.3	0.009	0.095	8.3	8.3	8.4	8.58
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	10	8.347	8.362	8.6	8.3	0.009	0.095	8.3	8.3	8.4	8.58
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	10	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.004	0.005	0.005
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	10	244.	263.2	345.	211.	2398.622	48.976	212.7	228.	322.75	343.6
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	10	366.	362.9	380.	325.	309.878	17.603	327.5	350.	380.	380.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	11	3.	13.318	57.	0.5	363.014	19.053	0.5	0.5	30.	52.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	11	0.477	0.496	1.756	-0.301	0.735	0.857	-0.301	-0.301	1.477	1.708
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.133								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	11 ##	0.5	6.045	30.	0.5	124.673	11.166	0.5	0.5	3.	29.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	11 ##	-0.301	0.16	1.477	-0.301	0.504	0.71	-0.301	-0.301	0.477	1.468
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.444								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	11	3.	15.455	102.	0.5	936.173	30.597	0.5	0.5	15.	88.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	11	0.477	0.522	2.009	-0.301	0.649	0.806	-0.301	-0.301	1.176	1.918
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.33								

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Annual Analysis for 1990 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	9	2046.	2025.444	2544.	890.	226583.278	476.008	890.	1939.	2360.	2544.
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	9	8.3	8.233	8.4	7.9	0.02	0.141	7.9	8.2	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	9	8.3	8.21	8.4	7.9	0.021	0.144	7.9	8.2	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	9	0.005	0.006	0.013	0.004	0.	0.003	0.004	0.005	0.006	0.013
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	9	263.	252.961	368.	0.65	11775.814	108.516	0.65	226.	336.5	368.
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	9	395.	369.444	410.	160.	6299.528	79.37	160.	381.	406.	410.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	10 ##	0.5	24.7	232.	0.5	5308.733	72.861	0.5	0.5	3.75	209.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	10 ##	-0.301	0.229	2.365	-0.301	0.742	0.861	-0.301	-0.301	0.552	2.207
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.695								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##	0.5	48.722	432.	0.5	20658.757	143.732	0.5	0.5	1.75	432.

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Annual Analysis for 1990 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	9 ##	-0.301	0.112	2.635	-0.301	0.962	0.981	-0.301	-0.301	0.088	2.635
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.293								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	9 ##	0.5	2.333	12.	0.5	14.313	3.783	0.5	0.5	3.	12.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	9 ##	-0.301	0.025	1.079	-0.301	0.27	0.519	-0.301	-0.301	0.477	1.079
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.06								

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Annual Analysis for 1991 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	11	2316.	2197.909	2730.	1029.	234919.491	484.685	1182.4	1946.	2604.	2724.2
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	11	8.3	8.209	8.5	7.5	0.087	0.295	7.58	8.	8.4	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	11	8.3	8.09	8.5	7.5	0.102	0.32	7.58	8.	8.4	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	11	0.005	0.008	0.032	0.003	0.	0.008	0.003	0.004	0.01	0.028
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	11	309.	304.727	393.	158.	4595.818	67.792	175.2	267.	366.	389.6
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	11	435.	409.909	520.	152.	9077.691	95.277	195.8	375.	452.	511.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	12 ##	1.75	10.75	66.	0.5	366.614	19.147	0.5	0.5	16.5	53.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	12 ##	0.088	0.39	1.82	-0.301	0.648	0.805	-0.301	-0.301	1.211	1.688
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.456								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	12	4.5	15.417	78.	0.5	541.811	23.277	0.5	0.5	20.25	67.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	12	0.628	0.642	1.892	-0.301	0.653	0.808	-0.301	-0.301	1.305	1.811
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.382								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	12	10.5	77.125	687.	0.5	38005.415	194.95	0.5	1.125	35.25	516.9
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	12	1.017	0.95	2.837	-0.301	0.984	0.992	-0.301	-0.106	1.547	2.61
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.909								

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Annual Analysis for 1992 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	6	2122.	2096.167	2640.	1531.	225154.567	474.505	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	6	8.35	8.233	8.5	7.6	0.107	0.327	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	6	8.347	8.101	8.5	7.6	0.128	0.357	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	6	0.004	0.008	0.025	0.003	0.	0.008	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	6	300.5	303.833	384.	237.	4120.567	64.192	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	6	387.5	378.333	443.	269.	3529.467	59.409	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	11	9.	91.091	401.	0.5	18115.991	134.596	0.5	0.5	192.	360.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	11	0.954	0.967	2.603	-0.301	1.456	1.207	-0.301	-0.301	2.283	2.543
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.271								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	11	6.	28.409	165.	0.5	2555.641	50.553	1.	3.	48.	145.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	11	0.778	0.88	2.217	-0.301	0.543	0.737	-0.145	0.477	1.681	2.142
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.585								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	11	3.	35.955	159.	0.5	3448.023	58.72	0.5	0.5	75.	153.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	11	0.477	0.655	2.201	-0.301	1.1	1.049	-0.301	-0.301	1.875	2.185
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4.516								

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

Annual Analysis for 1997 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	10	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	2	8.25	8.25	8.3	8.2	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	2	8.247	8.247	8.3	8.2	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	2	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	10	222.5	237.92	320.	198.2	1981.442	44.513	198.88	209.5	253.25	320.
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	10	337.5	334.7	355.	305.	266.456	16.323	306.	322.5	347.5	355.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	7	9.	15.929	57.	0.5	401.536	20.038	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	7	0.954	0.864	1.756	-0.301	0.441	0.664	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.316								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	7	3.	3.214	9.	0.5	10.571	3.251	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	7	0.477	0.255	0.954	-0.301	0.298	0.546	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.798								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	7	3.	7.5	33.	0.5	137.	11.705	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	7	0.477	0.404	1.519	-0.301	0.53	0.728	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.533								

** - 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 box-and-whisker plot

Annual Analysis for 1998 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	6	2.	2.	2.	2.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	2	8.	8.	8.2	7.8	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	2	7.955	7.955	8.2	7.8	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	2	0.011	0.011	0.016	0.006	0.	0.007	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	6	243.875	256.075	324.	237.2	1118.544	33.445	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	6	372.5	372.333	380.	365.	28.667	5.354	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	6 ##	0.5	1.333	3.	0.5	1.667	1.291	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	6 ##	-0.301	-0.042	0.477	-0.301	0.161	0.402	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.909								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	6	3.	3.167	6.	0.5	6.067	2.463	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	6	0.477	0.318	0.778	-0.301	0.248	0.498	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.08								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	5	3.	4.3	9.	0.5	10.7	3.271	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	5	0.477	0.477	0.954	-0.301	0.231	0.481	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	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 #1: 4/15 to 10/31 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	96	1.	1.208	4.	1.	0.272	0.521	1.	1.	1.	2.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	05/03/76-09/01/92	21	85.5	84.752	89.9	74.6	16.172	4.021	78.74	82.3	88.	88.96
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-06/01/98	15	1845.	1866.733	2187.	1700.	19093.638	138.18	1700.	1760.	1988.	2082.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	46	2046.	2018.848	4495.	890.	341946.799	584.762	1257.6	1717.	2317.	2562.
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	49	8.3	8.253	8.5	7.6	0.038	0.195	8.	8.2	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	49	8.3	8.197	8.5	7.6	0.041	0.203	8.	8.2	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	49	0.005	0.006	0.025	0.003	0.	0.004	0.004	0.004	0.006	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	36	182.5	175.694	220.	118.	500.275	22.367	138.7	163.25	190.25	200.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/03/76-06/01/98	30	0.	0.767	3.	0.	1.082	1.04	0.	0.	2.	2.
00440	BICARBONATE ION (MG/L AS HCO3)	05/03/76-06/01/98	30	216.5	206.2	235.	144.	543.2	23.307	168.2	195.	223.	228.
00445	CARBONATE ION (MG/L AS CO3)	05/03/76-06/01/98	30	0.	0.767	4.	0.	1.495	1.223	0.	0.	2.	2.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-06/01/98	32 ##	0.02	0.119	0.9	0.005	0.04	0.2	0.005	0.005	0.2	0.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	30	264.	247.367	459.	91.	4435.344	66.598	169.2	192.5	280.	288.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/03/76-06/01/98	30	59.5	57.	104.	25.	183.172	13.534	42.1	46.75	63.25	65.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/03/76-06/01/98	30	27.5	25.467	48.	7.	68.671	8.287	15.	18.75	30.25	31.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	55	249.	264.584	608.	0.65	7559.434	86.945	167.6	211.	320.	357.6
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	57	345.	338.93	822.	109.	10829.531	104.065	196.2	303.	380.	436.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/74-06/01/98	40	279.	264.625	471.	97.	4786.958	69.188	147.5	244.75	300.75	315.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/03/76-06/01/98	30	0.7	0.71	0.9	0.4	0.014	0.118	0.51	0.6	0.8	0.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	83	9.	45.47	710.	0.	11704.612	108.188	0.5	0.5	30.	165.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	83	0.954	0.836	2.851	-0.301	0.791	0.89	-0.301	-0.301	1.477	2.214
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.85								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	84	5.	23.435	432.	0.5	3827.818	61.869	0.5	3.	12.	57.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	84	0.699	0.706	2.635	-0.301	0.533	0.73	-0.301	0.477	1.079	1.75
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.081								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	78	6.	48.179	894.	0.	18709.675	136.783	0.	0.5	28.5	121.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	78	0.778	0.825	2.951	-0.301	0.726	0.852	0.	-0.301	1.453	2.083
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.685								

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/74-06/01/98	68	1.	1.074	2.	1.	0.069	0.263	1.	1.	1.	1.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	05/03/76-09/01/92	12	84.8	85.267	89.2	80.4	9.102	3.017	80.76	83.1	88.325	89.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/74-06/01/98	5	1915.	1898.8	1936.	1848.	1687.7	41.082	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/74-12/07/92	37	2093.	2031.838	2701.	1029.	138295.029	371.88	1522.8	1776.5	2344.	2435.2
00403	PH, LAB, STANDARD UNITS SU	06/18/74-06/01/98	38	8.3	8.232	8.6	7.5	0.063	0.252	7.8	8.15	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/74-06/01/98	38	8.3	8.145	8.6	7.5	0.071	0.266	7.8	8.15	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/74-06/01/98	38	0.005	0.007	0.032	0.003	0.	0.006	0.003	0.004	0.007	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	30	179.5	178.733	220.	105.	317.168	17.809	170.	174.75	183.	198.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/03/76-06/01/98	26	0.	1.058	4.	0.	2.007	1.417	0.	0.	2.	4.
00440	BICARBONATE ION (MG/L AS HCO3)	05/03/76-06/01/98	24	215.	211.042	235.	128.	367.868	19.18	203.5	207.5	219.25	223.5
00445	CARBONATE ION (MG/L AS CO3)	05/03/76-06/01/98	24	0.25	1.271	5.	0.	2.847	1.687	0.	0.	2.	4.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/74-06/01/98	24 ##	0.02	0.089	0.4	0.005	0.014	0.118	0.005	0.005	0.2	0.295
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/76-06/01/98	24	260.	251.375	317.	99.	2063.81	45.429	188.	232.25	276.75	290.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/03/76-06/01/98	24	59.	56.25	80.	7.	197.413	14.05	38.	53.25	62.75	65.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/03/76-06/01/98	24	27.	26.917	36.	9.	29.21	5.405	21.5	25.25	29.75	34.
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/76-06/01/98	41	261.	277.078	376.	158.	2785.22	52.775	219.2	235.6	329.5	346.8
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/74-06/01/98	42	364.	356.119	520.	152.	3522.303	59.349	279.5	325.75	390.	410.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/74-06/01/98	31	280.	268.065	400.	38.	4338.796	65.87	197.4	258.	297.	317.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/03/76-06/01/98	24	0.7	0.742	1.2	0.4	0.018	0.135	0.65	0.7	0.8	0.85
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/03/76-06/01/98	67	0.5	5.784	48.	0.	99.093	9.955	0.	0.5	9.	15.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/03/76-06/01/98	67	-0.301	0.308	1.681	-0.301	0.395	0.629	0.	-0.301	0.954	1.192
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.033								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	66 ##	3.	4.053	39.	0.5	41.963	6.478	0.5	0.5	5.	9.9

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/74-06/01/98	66 ##	0.477	0.247	1.591	-0.301	0.314	0.56	-0.301	-0.301	0.699	0.992
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.765								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/03/76-05/04/98	65	0.5	5.677	90.	0.	199.464	14.123	0.	0.5	6.	18.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/03/76-05/04/98	65	-0.301	0.223	1.954	-0.301	0.378	0.614	0.	-0.301	0.778	1.255
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.672								

** - Less than 9 observations ## - Computed 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: LAMR0063

NPS Station ID: LAMR0063 | LAT/LON: 35.594031/-101.716170 | Agency: 11NPSWRD | Date Created: 04/25/98
Location: ALIBATES AREA | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): LAMR_COOPER_4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 2915 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALIBATES RANCH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE ALIBATES AREA OF THE LAKE MEREDITH NATIONAL RECREATION AREA. THE SAMPLING STATION IS ON LAKE MEREDITH AT THE MIDPOINT FROM THE SHORELINE ALONG BUREAU OF RECLAMATION SURVEY SEDIMENTATION RANGE LINE R-25. DATA WERE COLLECTED AT THIS SITE FROM 1967 THROUGH 1974 BY WILLIAM A. COOPER OF WEST TEXAS STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; TO ASSESS THE WATER QUALITY OF LAKE MEREDITH. DATA WERE SUMMARIZED IN ANNUAL REPORTS TITLED "WATER QUALITY AND LIMNOLOGY OF LAKE MEREDITH." FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS 79036-1460; TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250 FORT COLLINS COLORADO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/69-12/03/74	57	1.	2.596	92.	1.	145.281	12.053	1.	1.	1.	1.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/27/69-04/22/75	64	58.5	58.02	81.	35.6	203.748	14.274	40.	43.25	71.	76.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/69-04/22/75	64	33.5	64.688	325.	0.	5297.806	72.786	8.	20.	80.	190.
00080	COLOR (PLATINUM-COBALT UNITS)	02/27/69-04/22/75	63	80.	147.302	700.	0.	27938.569	167.148	17.	45.	180.	472.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/27/69-04/22/75	63	1700.	1886.111	4000.	750.	449914.875	670.757	1240.	1500.	2200.	2740.
00300	OXYGEN, DISSOLVED MG/L	09/11/69-04/22/75	63	10.	10.165	14.	0.	5.349	2.313	8.	9.	12.	13.
00400	PH (STANDARD UNITS)	09/11/69-04/22/75	63	8.4	8.437	8.9	7.7	0.069	0.263	8.08	8.3	8.6	8.8
00400	CONVERTED PH (STANDARD UNITS)	09/11/69-04/22/75	63	8.4	8.348	8.9	7.7	0.077	0.278	8.08	8.3	8.6	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/69-04/22/75	63	0.004	0.004	0.02	0.001	0.	0.004	0.002	0.003	0.005	0.009
00405	CARBON DIOXIDE (MG/L AS CO2)	09/11/69-12/11/73	44 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/69-04/22/75	63	182.	177.667	248.	118.	465.71	21.58	144.	168.	190.	196.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/11/69-04/22/75	63	8.	8.698	32.	0.	56.279	7.502	0.	2.	14.	19.2
00440	BICARBONATE ION (MG/L AS HCO3)	09/11/69-04/22/75	63	200.	198.159	298.	132.	889.749	29.829	159.	181.	215.	228.2
00445	CARBONATE ION (MG/L AS CO3)	09/11/69-04/22/75	63	10.	10.476	39.	0.	84.253	9.179	0.	2.	17.	23.2
00655	PHOSPHATE, POLY (MG/L AS PO4)	09/11/69-04/22/75	60	0.8	0.951	4.4	0.2	0.517	0.719	0.305	0.5	1.175	1.79
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/69-04/22/75	63	248.	258.508	500.	106.	4912.125	70.087	150.8	222.	296.	350.8
00916	CALCIUM, TOTAL (MG/L AS CA)	09/11/69-04/22/75	63	60.	62.73	140.	24.	326.168	18.06	38.8	54.	72.	81.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/11/69-04/22/75	63	25.	25.905	65.	9.	103.023	10.15	15.4	20.	30.	36.4
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/11/69-04/22/75	63	290.	282.762	491.	70.	6446.959	80.293	171.4	247.	322.	366.8
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/69-04/22/75	63	274.	277.095	626.	80.	9794.41	98.967	136.	230.	315.	367.6
00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/69-04/22/75	63	300.	296.127	475.	100.	6677.435	81.716	174.	250.	345.	398.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/11/69-04/22/75	62	0.945	0.937	1.3	0.6	0.026	0.161	0.7	0.82	1.093	1.1

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

Parameter Inventory for Station: LAMR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	09/11/69-04/22/75	45	100.	163.778	900.	0.	30005.859	173.222	12.	50.	200.	408.
01142	SILICON, TOTAL (UG/L AS SI)	09/11/69-12/16/69	7	6.	8.429	30.	0.	101.619	10.081	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/69-04/22/75	63	1155.	1152.444	2014.	506.	82409.154	287.07	721.	1050.	1286.	1451.2
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/70-12/03/74	53	0.6	0.653	1.8	0.	0.151	0.389	0.2	0.4	0.85	1.
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/11/69-04/22/75	63	0.4	1.059	6.8	0.	1.899	1.378	0.094	0.3	1.4	3.38

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

EPA Water Quality Criteria Analysis for Station: LAMR0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	64	27	0.42	38	17	0.45	26	10	0.38						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	62 &	0	0.00	37	0	0.00	25	0	0.00						
00400	PH	Fresh Chronic	9.	63	0	0.00	38	0	0.00	25	0	0.00						
		Other-Lo Lim.	6.5	63	0	0.00	38	0	0.00	25	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	63	0	0.00	38	0	0.00	25	0	0.00						
		Drinking Water	250.	63	44	0.70	38	22	0.58	25	22	0.88						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	63	48	0.76	38	26	0.68	25	22	0.88						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	62	0	0.00	37	0	0.00	25	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	63	0	0.00	38	0	0.00	25	0	0.00						

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

Annual Analysis for 1969 - Station LAMR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/69-12/03/74	9	1.	11.111	92.	1.	920.111	30.333	1.	1.	1.	92.

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

Annual Analysis for 1970 - Station LAMR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/69-12/03/74	18	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

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

Annual Analysis for 1972 - Station LAMR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/69-12/03/74	8	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 box-and-whisker plot

Annual Analysis for 1973 - Station LAMR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/69-12/03/74	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

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

Annual Analysis for 1974 - Station LAMR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/69-12/03/74	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/27/69-04/22/75	38	70.	68.211	81.	50.	67.306	8.204	53.35	64.25	74.	77.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/69-04/22/75	38	40.	75.474	325.	0.	6826.364	82.622	4.5	24.75	90.	206.
00080	COLOR (PLATINUM-COBALT UNITS)	02/27/69-04/22/75	37	100.	173.378	700.	0.	35144.52	187.469	14.	50.	195.	500.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/27/69-04/22/75	37	1525.	1722.973	3500.	750.	378832.583	615.494	890.	1362.5	2100.	2680.

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/27/69-04/22/75	26	41.5	43.127	56.	35.6	25.308	5.031	37.34	40.	46.	51.65
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/69-04/22/75	26	27.5	48.923	230.	0.	2812.154	53.03	8.8	18.75	62.5	129.4
00080	COLOR (PLATINUM-COBALT UNITS)	02/27/69-04/22/75	26	65.	110.192	600.	0.	16240.962	127.44	18.5	37.5	140.	266.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/27/69-04/22/75	26	2062.5	2118.269	4000.	1400.	474827.885	689.078	1470.	1618.75	2312.5	3300.

** - Less than 9 observations ## - Computed 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: LAMR0064

NPS Station ID: LAMR0064 | LAT/LON: 35.523003/-101.726003 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: 018328 | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): LAMR_NURE_1 /6026912
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALIBATES RANCH TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE LAKE MEREDITH NATIONAL RECREATION AREA PARK BOUNDARIES. THE SAMPLES WERE NOT TREATED PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "ORNLID" FIELD ENTRY (OAK RIDGE GASEOUS DIFFUSION PLANT SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY OAK RIDGE GASEOUS DIFFUSION PLANT. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON AT NPS-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/78-09/14/78	1	18.2	18.2	18.2	18.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/78-09/14/78	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/78-09/14/78	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/78-09/14/78	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/78-09/14/78	2	233.	233.	234.	232.	2.	1.414	**	**	**	**
00411	ALKALINITY,METHYLORANGE MG/L	09/14/78-09/14/78	1	234.	234.	234.	234.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/78-09/14/78	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/14/78-09/14/78	1	41.3	41.3	41.3	41.3	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/14/78-09/14/78	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/14/78-09/14/78	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/14/78-09/14/78	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/78-09/14/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/78-09/14/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/14/78-09/14/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/14/78-09/14/78	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/14/78-09/14/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	09/14/78-09/14/78	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/14/78-09/14/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	09/14/78-09/14/78	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: LAMR0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	09/14/78-09/14/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/14/78-09/14/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/14/78-09/14/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	09/14/78-09/14/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/14/78-09/14/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/14/78-09/14/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	09/14/78-09/14/78	1	429.	429.	429.	429.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	09/14/78-09/14/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/78-09/14/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/14/78-09/14/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	09/14/78-09/14/78	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	09/14/78-09/14/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	09/14/78-09/14/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/78-09/14/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	09/14/78-09/14/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	09/14/78-09/14/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	09/14/78-09/14/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	09/14/78-09/14/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	09/14/78-09/14/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	09/14/78-09/14/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	09/14/78-09/14/78	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
50588	URANIUM TOTAL UG/L	09/14/78-09/14/78	1	1.51	1.51	1.51	1.51	0.	0.	**	**	**	**
50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	09/14/78-09/14/78	1	9699.	9699.	9699.	9699.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	09/14/78-09/14/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	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									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: LAMR0065

NPS Station ID: LAMR0065 | LAT/LON: 35.496003/-101.729003 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: 018955 | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): LAMR_NURE_4 /6027495
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BERRY SAND DRAW TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE LAKE MEREDITH NATIONAL RECREATION AREA PARK BOUNDARIES. THE SAMPLES WERE NOT TREATED PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "ORNLID" FIELD ENTRY (OAK RIDGE GASEOUS DIFFUSION PLANT SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY OAK RIDGE GASEOUS DIFFUSION PLANT. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON AT NPS-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/78-10/17/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/78-10/17/78	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/78-10/17/78	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/78-10/17/78	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/78-10/17/78	2	179.5	179.5	182.	177.	12.5	3.536	**	**	**	**
00411	ALKALINITY,METHYLORANGE MG/L	10/17/78-10/17/78	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/78-10/17/78	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/17/78-10/17/78	1	48.4	48.4	48.4	48.4	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/17/78-10/17/78	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/17/78-10/17/78	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/17/78-10/17/78	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/78-10/17/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/17/78-10/17/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/17/78-10/17/78	1	139.	139.	139.	139.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/17/78-10/17/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	10/17/78-10/17/78	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/78-10/17/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	10/17/78-10/17/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/17/78-10/17/78	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: LAMR0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	10/17/78-10/17/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/78-10/17/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/17/78-10/17/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/17/78-10/17/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/17/78-10/17/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	10/17/78-10/17/78	1	368.	368.	368.	368.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	10/17/78-10/17/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/17/78-10/17/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/17/78-10/17/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	10/17/78-10/17/78	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	10/17/78-10/17/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	10/17/78-10/17/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/17/78-10/17/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	10/17/78-10/17/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	10/17/78-10/17/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	10/17/78-10/17/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	10/17/78-10/17/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	10/17/78-10/17/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	10/17/78-10/17/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	10/17/78-10/17/78	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
50588	URANIUM TOTAL UG/L	10/17/78-10/17/78	1	1.97	1.97	1.97	1.97	0.	0.	**	**	**	**
50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	10/17/78-10/17/78	1	8899.	8899.	8899.	8899.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	10/17/78-10/17/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: LAMR0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	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									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: LAMR0066

NPS Station ID: LAMR0066
LAT/LON: 35.504003/-101.734003
Agency: 11NPSWRD
Date Created: 08/08/98
Location: COETAS CREEK ON ALIBATES RANCH
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): LAMR_RRA_3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 3005
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALIBATES RANCH TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON COETAS CREEK ON ALIBATES RANCH APPROXIMATELY 2.9 MILES UPSTREAM OF CONFLUENCE WITH CANADIAN RIVER; 20 MILES NORTH OF AMARILLO AND 5.5 MILES WEST OF STATE HIGHWAY 136. THE DATA WERE COLLECTED BY THE RED RIVER AUTHORITY OF TEXAS. SURFACE WATER QUALITY MONITORING DATA COLLECTED BY THE RED RIVER AUTHORITY OF TEXAS AND OTHER TEXAS WATER AGENCIES CAN BE ACCESSED ON THE INTERNET AT WWW.RRA.DST.TX.US. GRANT PHILLIPS OF THE RED RIVER AUTHORITY IS THE RRA CONTACT FOR THE SURFACE WATER QUALITY MONITORING WEBSITE. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE; WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/09/97-07/09/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/09/97-07/09/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/09/97-07/09/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/97-07/09/97	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/97-07/09/97	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/97-07/09/97	1	8.17	8.17	8.17	8.17	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/97-07/09/97	1	8.17	8.17	8.17	8.17	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/97-07/09/97	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/97-07/09/97	1	182.	182.	182.	182.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/97-07/09/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/97-07/09/97	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/09/97-07/09/97	1	45.9	45.9	45.9	45.9	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/09/97-07/09/97	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/09/97-07/09/97	1	23.29	23.29	23.29	23.29	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/97-07/09/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/97-07/09/97	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/09/97-07/09/97	1	284.	284.	284.	284.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/09/97-07/09/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: LAMR0067

NPS Station ID: LAMR0067 | LAT/LON: 35.428004/-101.740004 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: 018957 | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): LAMR_NURE_5 /6027497
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BERRY SAND DRAW TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE LAKE MEREDITH NATIONAL RECREATION AREA PARK BOUNDARIES. THE SAMPLES WERE NOT TREATED PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "ORNLID" FIELD ENTRY (OAK RIDGE GASEOUS DIFFUSION PLANT SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY OAK RIDGE GASEOUS DIFFUSION PLANT. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON AT NPS-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/78-10/18/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/78-10/18/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/78-10/18/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/78-10/18/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/78-10/18/78	2	191.	191.	192.	190.	2.	1.414	**	**	**	**
00411	ALKALINITY,METHYLORANGE MG/L	10/18/78-10/18/78	1	192.	192.	192.	192.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/78-10/18/78	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/18/78-10/18/78	1	52.2	52.2	52.2	52.2	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/18/78-10/18/78	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/18/78-10/18/78	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/18/78-10/18/78	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/18/78-10/18/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/78-10/18/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/78-10/18/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/18/78-10/18/78	1	595.	595.	595.	595.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/18/78-10/18/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	10/18/78-10/18/78	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/78-10/18/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	10/18/78-10/18/78	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: LAMR0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	10/18/78-10/18/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/18/78-10/18/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/18/78-10/18/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/18/78-10/18/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/18/78-10/18/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/18/78-10/18/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	10/18/78-10/18/78	1	455.	455.	455.	455.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	10/18/78-10/18/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/18/78-10/18/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/18/78-10/18/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	10/18/78-10/18/78	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	10/18/78-10/18/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	10/18/78-10/18/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/18/78-10/18/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	10/18/78-10/18/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	10/18/78-10/18/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	10/18/78-10/18/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	10/18/78-10/18/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	10/18/78-10/18/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	10/18/78-10/18/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	10/18/78-10/18/78	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
50588	URANIUM TOTAL UG/L	10/18/78-10/18/78	1	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	10/18/78-10/18/78	1	8699.	8699.	8699.	8699.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	10/18/78-10/18/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	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									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: LAMR0068

NPS Station ID: LAMR0068
LAT/LON: 35.505227/-101.750699
Agency: 11NPSWRD
Date Created: 06/20/98
Location: COETAS CREEK
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): LAMR_CRMWA_28
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 3005
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE MCDOWELL CREEK TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON COETAS CREEK A TRIBUTARY OF THE CANADIAN RIVER AND IS OUTSIDE THE PARK BOUNDARIES OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036- 1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/10/69-01/20/70	6	54.	57.5	74.	46.	98.3	9.915	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/10/69-08/05/69	2	8.	8.	12.	4.	32.	5.657	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-06/16/74	2	462.5	462.5	525.	400.	7812.5	88.388	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/03/68-01/20/70	8	8.05	8.088	9.	7.	0.616	0.785	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/03/68-02/10/69	3 ##	0.	0.167	0.5	0.	0.083	0.289	**	**	**	**
00400	PH (STANDARD UNITS)	02/10/69-06/16/74	14	7.9	7.95	8.3	7.6	0.03	0.174	7.7	7.875	8.025	8.25
00400	CONVERTED PH (STANDARD UNITS)	02/10/69-06/16/74	14	7.9	7.918	8.3	7.6	0.031	0.177	7.7	7.875	8.025	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/69-06/16/74	14	0.013	0.012	0.025	0.005	0.	0.005	0.006	0.009	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/70-10/25/73	11	190.	188.091	200.	175.	46.891	6.848	176.	182.	192.	198.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/10/70-08/23/71	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/10/70-10/25/73	8	230.5	224.625	244.	192.	255.696	15.991	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/10/70-08/23/71	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/71-08/23/71	6	406.5	400.333	411.	367.	283.867	16.848	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/10/70-06/10/70	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/10/70-06/16/74	11	178.	178.727	213.	140.	454.218	21.312	144.4	164.	190.	213.
00916	CALCIUM, TOTAL (MG/L AS CA)	06/10/70-06/16/74	12	92.	94.25	134.	56.	544.386	23.332	56.6	84.75	116.	129.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/10/70-10/25/73	11	28.	32.455	94.	10.	562.273	23.712	10.2	16.	34.	85.8
00929	SODIUM, TOTAL (MG/L AS NA)	06/10/70-08/23/71	9	23.	17.444	30.	3.	105.278	10.26	3.	6.	25.	30.
00937	POTASSIUM, TOTAL MG/L AS K)	06/10/70-10/13/70	2 ##	4.	4.	8.	0.	32.	5.657	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-06/16/74	16	18.	16.5	24.	6.	24.8	4.98	7.4	15.	20.	21.2
00945	SULFATE, TOTAL (MG/L AS SO4)	06/10/70-06/16/74	11	10.	10.273	14.	7.	3.618	1.902	7.2	9.	11.	13.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/70-06/16/74	3	0.55	0.533	0.6	0.45	0.006	0.076	**	**	**	**

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Parameter Inventory for Station: LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	10/25/73-10/25/73	1	310.	310.	310.	310.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/13/70-10/25/73	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	64	120.	409.031	3870.	0.	519017.332	720.429	0.	20.25	390.	1635.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	64	2.079	1.873	3.588	0.	1.056	1.028	0.	1.306	2.591	3.212
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			74.594								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	66	24.	131.348	936.	0.	46810.354	216.357	0.	0.	155.	465.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	66	1.38	1.277	2.971	0.	1.103	1.05	0.	0.	2.19	2.667
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.916								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	42	90.	283.048	930.	0.	107352.339	327.647	0.	17.25	602.25	899.1
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	42	1.954	1.818	2.968	0.	1.047	1.023	0.	1.214	2.78	2.954
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			65.79								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	1	420.	420.	420.	420.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	1	2.623	2.623	2.623	2.623	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			420.								
50979	E.COLI,MPN,COLI-COMPLETE #/100ML	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/10/70-10/13/70	2	371.	371.	413.	329.	3528.	59.397	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	06/10/70-10/13/70	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/10/70-10/13/70	2 ##	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/10/70-10/25/73	3	7.	15.533	39.6	0.	446.653	21.134	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a 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.	8	0	0.00	4	0	0.00	4	0	0.00						
00400	PH	Fresh Chronic	9.	14	0	0.00	13	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	14	0	0.00	13	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	16	0	0.00	15	0	0.00	1	0	0.00						
		Drinking Water	250.	16	0	0.00	15	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	11	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	64	9	0.14	41	9	0.22	23	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	66	15	0.23	43	14	0.33	23	1	0.04						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	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

Annual Analysis for 1968 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	2	1470.	1470.	2400.	540.	1729800.	1315.219	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	2	3.056	3.056	3.38	2.732	0.21	0.458	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1138.42								

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

Annual Analysis for 1969 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	6	21.5	55.333	215.	0.	6448.667	80.304	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	6	1.331	1.333	2.332	0.	0.591	0.769	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.533								

** - 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 box-and-whisker plot

Annual Analysis for 1970 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	10	35.	72.1	288.	0.	10064.1	100.32	0.	0.	100.5	281.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	10	1.521	1.273	2.459	0.	0.9	0.949	0.	0.	1.92	2.448
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.738								

** - 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 1971 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	10	115.	187.7	540.	0.	39708.011	199.269	0.	6.	400.	526.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	10	2.04	1.692	2.732	0.	1.1	1.049	0.	0.677	2.602	2.719
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			49.259								

** - 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

Annual Analysis for 1972 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	4	150.	195.75	420.	63.	24632.25	156.947	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	4	2.167	2.189	2.623	1.799	0.119	0.345	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			154.618								

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

Annual Analysis for 1973 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	11	1200.	1042.909	2100.	15.	618343.691	786.348	36.	300.	1800.	2058.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	11	3.079	2.759	3.322	1.176	0.441	0.664	1.357	2.477	3.255	3.313
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			573.759								

** - 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

Annual Analysis for 1974 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	12	138.	260.5	1500.	0.	170546.455	412.973	0.	0.75	335.25	1158.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	12	2.138	1.661	3.176	0.	1.392	1.18	0.	0.119	2.522	2.99
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			45.791								

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

Annual Analysis for 1975 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	6	120.	790.5	3870.	6.	2323784.7	1524.397	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	6	2.065	2.118	3.588	0.778	0.979	0.989	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			131.105								

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

Annual Analysis for 1976 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	2	90.5	90.5	117.	64.	1404.5	37.477	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	2	1.937	1.937	2.068	1.806	0.034	0.185	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			86.533								

** - 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 box-and-whisker plot

Annual Analysis for 1977 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	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 #1: 4/15 to 10/31 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	41	240.	585.561	3870.	0.	721793.802	849.584	0.	35.	616.5	1872.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	41	2.38	2.108	3.588	0.	1.069	1.034	0.	1.521	2.79	3.272
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			128.336								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	43	80.	186.721	936.	0.	61993.301	248.985	0.	0.	300.	588.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	43	1.903	1.553	2.971	0.	1.132	1.064	0.	0.	2.477	2.768
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.698								

** - 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 box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	23	60.	94.348	400.	0.	12321.692	111.003	0.	3.	150.	284.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	23	1.778	1.453	2.602	0.	0.792	0.89	0.	0.477	2.176	2.452
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.356								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	23	3.	27.826	208.	0.	2755.605	52.494	0.	0.	30.	122.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	23	0.477	0.761	2.318	0.	0.672	0.82	0.	0.	1.477	2.088
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.77								

** - Less than 9 observations ## - Computed 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: LAMR0069

NPS Station ID: LAMR0069 | LAT/LON: 35.558337/-101.753337 | Agency: 11EPALES | Date Created: / /
Location: LAKE MEREDITH | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 482304
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105 | Depth of Water: 34 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 11090105004 | RF1 Mile Point: 5.120 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
OFF LONG, LOW PENINSULA ON SE SHORE; 2 MILES FR SW END, 230 DEGREES FR HYDROSPHERE IN DISTANCE.
COMMENTS: 3-5 ULE 17; TURBIDITY (RED CLAY PLUME) FR INLET RIVER CAN BE SEEN IN DISTANCE. 5-14 ULE 19, WATER LEVEL EXTREMELY LOW, COULD NOT FIND DEEPER WATER; INTEGRATE FR 8 FT; DEPTH 12 FT. 8-7 ULE 14, NO VISIBLE ALGAE OR MACROPHYTES; INTEGRATE 15 FT; DEPTH 30 FT. 10-28 ULE 21, NO VISIBLE AQUATICS; NO DEVELOPMENT; COULD NOT LOCATE DEEPER H2O; INTEG 12 FT; DEPTH 15 FT. MAP: MCDOWELL CREEK QUAD

Parameter Inventory for Station: LAMR0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/74-10/28/74	14	5.	8.929	30.	0.	96.533	9.825	0.	0.	15.	28.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/28/74	13	14.9	15.462	24.6	7.	43.241	6.576	7.04	7.65	21.05	24.56
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	10/28/74-10/28/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/28/74	13	82.2	81.769	92.6	74.	46.454	6.816	74.	74.5	87.8	92.56
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/28/74	4	35.	36.	60.	14.	570.	23.875	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/28/74	13	1391.	1484.231	1894.	1180.	72343.359	268.967	1182.	1200.	1724.	1891.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/28/74	13	1787.	1788.923	1899.	1708.	4869.244	69.78	1708.8	1727.5	1850.	1897.4
00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/28/74	11	8.	7.945	10.	6.	1.689	1.3	6.08	7.	8.6	10.
00400	PH (STANDARD UNITS)	03/05/74-10/28/74	13	8.53	8.334	8.6	7.6	0.118	0.344	7.68	8.1	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	03/05/74-10/28/74	13	8.53	8.18	8.6	7.6	0.144	0.379	7.68	8.1	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/74-10/28/74	13	0.003	0.007	0.025	0.003	0.	0.007	0.003	0.003	0.009	0.021
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/28/74	13	188.	186.154	200.	165.	154.474	12.429	165.8	176.5	199.	199.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/28/74	13	0.04	0.042	0.09	0.02	0.	0.019	0.024	0.03	0.055	0.078
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/28/74	13	0.5	0.469	0.7	0.3	0.011	0.103	0.34	0.4	0.5	0.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/28/74	13	0.04	0.064	0.14	0.02	0.002	0.048	0.02	0.025	0.125	0.136
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/28/74	13	0.04	0.05	0.144	0.02	0.001	0.036	0.02	0.022	0.067	0.121
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/28/74	13	0.012	0.014	0.029	0.001	0.	0.01	0.001	0.007	0.022	0.029
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/28/74	4	5.	5.4	9.7	1.9	11.02	3.32	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/28/74	4	22.5	22.75	34.	12.	118.25	10.874	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	8	0	0.00	3	0	0.00						
00400	PH	Fresh Chronic	9.	13	0	0.00	9	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	13	0	0.00	9	0	0.00	4	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	9	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: LAMR0070

NPS Station ID: LAMR0070 | LAT/LON: 35.474865/-101.759837 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: CHICKEN CREEK | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): LAMR_CRMWA_26
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R | Elevation: 3020 | Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CHUNKY TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON CHICKEN CREEK A TRIBUTARY OF THE CANADIAN RIVER AND IS OUTSIDE THE PARK BOUNDARIES OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036- 1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/10/69-01/20/70	6	49.	51.333	70.	36.	186.667	13.663	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/10/69-08/05/69	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-06/16/74	2	462.5	462.5	525.	400.	7812.5	88.388	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/03/68-01/20/70	8	8.5	8.225	10.	5.	3.545	1.883	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/03/68-02/10/69	3 ##	0.	0.1	0.3	0.	0.03	0.173	**	**	**	**
00400	PH (STANDARD UNITS)	02/10/69-06/16/74	14	7.9	8.	8.4	7.7	0.049	0.222	7.75	7.8	8.225	8.35
00400	CONVERTED PH (STANDARD UNITS)	02/10/69-06/16/74	14	7.9	7.953	8.4	7.7	0.052	0.227	7.75	7.8	8.225	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/69-06/16/74	14	0.013	0.011	0.02	0.004	0.	0.005	0.004	0.006	0.016	0.018
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/70-10/25/73	11	230.	226.	240.	206.	88.2	9.391	208.	220.	230.	239.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/10/70-08/23/71	7 ##	0.	0.857	6.	0.	5.143	2.268	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/10/70-10/25/73	8	278.	269.375	303.	216.	748.268	27.354	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/10/70-08/23/71	7 ##	0.	1.714	12.	0.	20.571	4.536	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/71-08/23/71	7	459.	456.286	470.	433.	165.238	12.854	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/10/70-06/10/70	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/10/70-06/16/74	11	195.	189.455	212.	124.	738.673	27.179	130.4	185.	210.	211.6
00916	CALCIUM, TOTAL (MG/L AS CA)	06/10/70-06/16/74	12	114.	113.5	168.	62.	916.273	30.27	63.2	100.	137.25	160.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/10/70-10/25/73	11	22.	26.909	100.	10.	624.091	24.982	10.2	16.	24.	86.
00929	SODIUM, TOTAL (MG/L AS NA)	06/10/70-08/23/71	9	16.	19.111	27.	12.	37.111	6.092	12.	14.	26.5	27.
00937	POTASSIUM, TOTAL MG/L AS K)	10/13/70-10/13/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-06/16/74	16	8.	10.094	24.	0.5	46.474	6.817	2.95	5.	14.5	22.6
00945	SULFATE, TOTAL (MG/L AS SO4)	06/10/70-06/16/74	11	3.	5.136	20.	0.	30.605	5.532	0.2	2.	6.	17.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/70-06/16/74	3	0.6	0.617	0.73	0.52	0.011	0.106	**	**	**	**

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

Parameter Inventory for Station: LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	10/25/73-10/25/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/13/70-10/25/73	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	70	84.	287.857	3600.	0.	373035.168	610.766	0.	5.25	300.	672.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	70	1.923	1.614	3.556	0.	1.147	1.071	0.	0.703	2.477	2.827
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			41.13								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	69	4.	79.377	990.	0.	33756.032	183.728	0.	0.	72.	267.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	69	0.602	0.898	2.996	0.	0.982	0.991	0.	0.	1.856	2.427
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.905								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	43	66.	169.628	951.	0.	61257.382	247.502	0.	0.	186.	618.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	43	1.82	1.435	2.978	0.	1.227	1.108	0.	0.	2.27	2.791
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			27.216								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	1	370.	370.	370.	370.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	1	2.568	2.568	2.568	2.568	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			370.								
50979	E.COLI,MPN,COLI-COMPLETE #/100ML	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/10/70-10/13/70	2	382.5	382.5	410.	355.	1512.5	38.891	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	06/10/70-10/13/70	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/10/70-10/13/70	2 ##	0.15	0.15	0.3	0.	0.045	0.212	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/10/70-10/25/73	3	0.8	7.6	22.	0.	155.68	12.477	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	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.	8	0	0.00	4	0	0.00	4	0	0.00						
00400	PH	Fresh Chronic	9.	14	0	0.00	13	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	14	0	0.00	13	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	16	0	0.00	15	0	0.00	1	0	0.00						
		Drinking Water	250.	16	0	0.00	15	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	11	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	70	5	0.07	42	5	0.12	28	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	69	7	0.10	43	7	0.16	26	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	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

Annual Analysis for 1968 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	2	134.5	134.5	220.	49.	14620.5	120.915	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	2	2.016	2.016	2.342	1.69	0.213	0.461	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			103.827								

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

Annual Analysis for 1969 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	8	8.	23.	100.	0.	1256.	35.44	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	8	0.724	0.8	2.	0.	0.678	0.823	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.312								

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

Annual Analysis for 1970 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	10	46.5	94.6	330.	0.	14651.822	121.045	0.	0.	169.5	325.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	10	1.603	1.325	2.519	0.	1.051	1.025	0.	0.	2.203	2.512
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.137								

** - Less than 9 observations ## - Computed 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 1971 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	12	21.5	116.583	680.	0.	40656.447	201.634	0.	0.	180.	566.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	12	1.318	1.234	2.833	0.	1.137	1.066	0.	0.	2.246	2.726
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.121								

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

Annual Analysis for 1972 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	4	84.	72.	90.	30.	816.	28.566	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	4	1.923	1.819	1.954	1.477	0.053	0.23	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			65.982								

** - Less than 9 observations ## - Computed 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 1973 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	13	180.	642.692	3600.	0.	998469.231	999.234	0.	30.	885.	2724.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	13	2.255	2.098	3.556	0.	1.271	1.127	0.	1.439	2.923	3.393
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			125.364								

** - Less than 9 observations ## - Computed 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 1974 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	12	255.	308.25	930.	0.	76953.477	277.405	5.4	98.25	532.5	831.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	12	2.4	2.158	2.968	0.	0.667	0.817	0.377	1.988	2.713	2.911
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			143.801								

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

Annual Analysis for 1975 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	6	259.5	802.	3090.	0.	1477813.2	1215.653	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	6	1.831	1.785	3.49	0.	2.204	1.485	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			60.909								

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

Annual Analysis for 1976 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	2	99.	99.	186.	12.	15138.	123.037	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	2	1.674	1.674	2.27	1.079	0.708	0.842	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			47.244								

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

Annual Analysis for 1977 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	42	159.	431.643	3600.	0.	561828.382	749.552	0.	21.75	532.5	1191.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	42	2.199	1.939	3.556	0.	1.098	1.048	0.	1.335	2.725	3.076
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			86.876								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	43	18.	119.256	990.	0.	49374.576	222.204	0.	0.	150.	318.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	43	1.255	1.166	2.996	0.	1.162	1.078	0.	0.	2.176	2.502
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.668								

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	28	15.	72.179	680.	0.	19765.115	140.588	0.	0.	97.5	210.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	28	1.175	1.127	2.833	0.	0.853	0.924	0.	0.	1.989	2.319
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.398								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	26	0.	13.423	180.	0.	1607.854	40.098	0.	0.	6.	39.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	26	0.	0.454	2.255	0.	0.388	0.623	0.	0.	0.778	1.28
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.843								

** - Less than 9 observations ## - Computed 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: LAMR0071

NPS Station ID: LAMR0071
LAT/LON: 35.475003/-101.760004
Agency: 11NPSWRD
Date Created: 08/08/98
Location: CHICKEN CREEK ON LX RANCH
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): LAMR_RRA_4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 3020
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CHUNKY TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON CHICKEN CREEK ON LX RANCH APPROXIMATELY 570 METERS UPSTREAM OF CONFLUENCE WITH CANADIAN RIVER; 18 MILES NORTH OF AMARILLO AND 7 MILES WEST OF STATE HIGHWAY 136. THE DATA WERE COLLECTED BY THE RED RIVER AUTHORITY OF TEXAS. SURFACE WATER QUALITY MONITORING DATA COLLECTED BY THE RED RIVER AUTHORITY OF TEXAS AND OTHER TEXAS WATER AGENCIES CAN BE ACCESSED ON THE INTERNET AT WWW.RRA.DST.TX.US. GRANT PHILLIPS OF THE RED RIVER AUTHORITY IS THE RRA CONTACT FOR THE SURFACE WATER QUALITY MONITORING WEBSITE. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE; WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/08/97-07/08/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/97-07/08/97	1	30.2	30.2	30.2	30.2	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/97-07/08/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/97-07/08/97	1	519.	519.	519.	519.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/08/97-07/08/97	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/97-07/08/97	1	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/97-07/08/97	1	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/97-07/08/97	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/97-07/08/97	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/97-07/08/97	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/08/97-07/08/97	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/08/97-07/08/97	1	43.9	43.9	43.9	43.9	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/08/97-07/08/97	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/08/97-07/08/97	1	21.45	21.45	21.45	21.45	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/97-07/08/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/97-07/08/97	1	21.	21.	21.	21.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/08/97-07/08/97	1	208.	208.	208.	208.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/97-07/08/97	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: LAMR0072

NPS Station ID: LAMR0072 | LAT/LON: 35.657003/-101.764003 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: 018960 | FIPS State/County: 48341 TEXAS/MOORE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): LAMR_NURE_2 /6027500
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: S CENTRAL LOWER MISS. R | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN R--BELOW TX-OK STATE LINE | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SPENCER DRAW TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE LAKE MEREDITH NATIONAL RECREATION AREA PARK BOUNDARIES. THE SAMPLES WERE NOT TREATED PRIOR TO ANALYSIS. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "ORNLID" FIELD ENTRY (OAK RIDGE GASEOUS DIFFUSION PLANT SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY OAK RIDGE GASEOUS DIFFUSION PLANT. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON AT NPS-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/78-10/19/78	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/78-10/19/78	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/78-10/19/78	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/78-10/19/78	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/78-10/19/78	2	207.5	207.5	210.	205.	12.5	3.536	**	**	**	**
00411	ALKALINITY,METHYLORANGE MG/L	10/19/78-10/19/78	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/19/78-10/19/78	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/19/78-10/19/78	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/19/78-10/19/78	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/19/78-10/19/78	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/19/78-10/19/78	1	54.1	54.1	54.1	54.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/19/78-10/19/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/78-10/19/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/78-10/19/78	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/19/78-10/19/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/19/78-10/19/78	1	135.	135.	135.	135.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/19/78-10/19/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	10/19/78-10/19/78	1	143.	143.	143.	143.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/78-10/19/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01037	COBALT, TOTAL (UG/L AS CO)	10/19/78-10/19/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/19/78-10/19/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/19/78-10/19/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/19/78-10/19/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/19/78-10/19/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/19/78-10/19/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/19/78-10/19/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	10/19/78-10/19/78	1	516.	516.	516.	516.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	10/19/78-10/19/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/19/78-10/19/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/19/78-10/19/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	10/19/78-10/19/78	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	10/19/78-10/19/78	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	10/19/78-10/19/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/19/78-10/19/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	10/19/78-10/19/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	10/19/78-10/19/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	10/19/78-10/19/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	10/19/78-10/19/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	10/19/78-10/19/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	10/19/78-10/19/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	10/19/78-10/19/78	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
50588	URANIUM TOTAL UG/L	10/19/78-10/19/78	1	2.54	2.54	2.54	2.54	0.	0.	**	**	**	**
50799	OXYGEN, TOTAL ELEMENTAL, WATER UG/L	10/19/78-10/19/78	1	14399.	14399.	14399.	14399.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	10/19/78-10/19/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: LAMR0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	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									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: LAMR0073

NPS Station ID: LAMR0073
LAT/LON: 35.453282/-101.783170
Agency: 11NPSWRD
Date Created: 06/20/98
Location: BONITA CREEK
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): LAMR_CRMWA_27
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 3010
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CHUNKY TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BONITA CREEK A TRIBUTARY OF THE CANADIAN RIVER AND IS OUTSIDE THE PARK BOUNDARIES OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036- 1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/05/69-01/20/70	5	52.	53.6	70.	40.	174.8	13.221	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/05/69-08/05/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-06/16/74	2	462.5	462.5	525.	400.	7812.5	88.388	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/03/68-01/20/70	7	8.	8.743	10.8	7.	1.956	1.399	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/03/68-08/30/68	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/05/69-06/16/74	11	7.8	7.882	8.4	7.4	0.068	0.26	7.46	7.8	8.	8.36
00400	CONVERTED PH (STANDARD UNITS)	08/05/69-06/16/74	11	7.8	7.814	8.4	7.4	0.073	0.269	7.46	7.8	8.	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/69-06/16/74	11	0.016	0.015	0.04	0.004	0.	0.009	0.004	0.01	0.016	0.036
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/70-10/25/73	9	210.	219.778	260.	178.	707.194	26.593	178.	206.	242.5	260.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/13/70-08/23/71	5 ##	0.	0.8	4.	0.	3.2	1.789	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/13/70-10/25/73	6	255.	258.167	317.	208.	1330.167	36.471	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/13/70-08/23/71	5 ##	0.	1.6	8.	0.	12.8	3.578	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/71-08/23/71	6	459.	465.833	525.	412.	2515.367	50.153	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/29/71-06/16/74	9	175.	180.111	200.	152.	318.361	17.843	152.	166.	197.5	200.
00916	CALCIUM, TOTAL (MG/L AS CA)	10/13/70-06/16/74	10	109.	99.4	120.	52.	548.489	23.42	54.4	82.	118.5	120.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/13/70-10/25/73	9	24.	34.667	76.	11.	489.	22.113	11.	23.	51.	76.
00929	SODIUM, TOTAL (MG/L AS NA)	10/13/70-08/23/71	7	25.	28.714	40.	22.	60.905	7.804	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/13/70-10/13/70	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-06/16/74	12	15.5	15.625	40.	2.5	91.96	9.59	3.25	10.	19.5	34.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/70-06/16/74	9	6.	7.222	13.	3.	12.194	3.492	3.	5.	11.	13.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/70-06/16/74	3	0.9	0.877	0.93	0.8	0.005	0.068	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/25/73-10/25/73	1	80.	80.	80.	80.	0.	0.	**	**	**	**

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Parameter Inventory for Station: LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	10/13/70-10/25/73	3 ##	0.	6.667	20.	0.	133.333	11.547	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	72	48.	286.333	3480.	0.	339124.366	582.344	0.	0.	278.	1011.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	72	1.681	1.526	3.542	0.	1.238	1.113	0.	0.	2.439	3.004
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33.548								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	71	3.	108.127	2280.	0.	105572.655	324.919	0.	0.	60.	288.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	71	0.477	0.936	3.358	0.	1.04	1.02	0.	0.	1.778	2.458
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.625								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	42	64.5	256.667	1560.	0.	165169.642	406.411	0.	0.	315.	921.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	42	1.809	1.558	3.193	0.	1.267	1.125	0.	0.	2.497	2.964
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			36.163								
50979	E.COLI,MPN,COLI-COMPLETE #/100ML	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/70-10/13/70	1	341.	341.	341.	341.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	10/13/70-10/13/70	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/13/70-10/13/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/29/71-10/25/73	2 ##	11.	11.	22.	0.	242.	15.556	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: LAMR0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- 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.	7	0	0.00	4	0	0.00	3	0	0.00						
00400	PH	Fresh Chronic	9.	11	0	0.00	11	0	0.00									
		Other-Lo Lim.	6.5	11	0	0.00	11	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	12	0	0.00									
		Drinking Water	250.	12	0	0.00	12	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	9	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	72	7	0.10	43	7	0.16	29	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	71	8	0.11	44	8	0.18	27	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

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

Annual Analysis for 1968 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	2	730.	730.	920.	540.	72200.	268.701	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	2	2.848	2.848	2.964	2.732	0.027	0.164	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			704.84								

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

Annual Analysis for 1969 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	7	3.	80.	520.	0.	37745.667	194.282	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	7	0.477	0.799	2.716	0.	1.023	1.011	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.298								

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

Annual Analysis for 1970 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	10	23.5	76.9	374.	0.	15255.656	123.514	0.	0.	126.5	357.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	10	1.366	1.207	2.573	0.	0.918	0.958	0.	0.	2.075	2.548
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.106								

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

Annual Analysis for 1971 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	15	8.	35.533	140.	0.	2148.124	46.348	0.	0.	66.	115.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	15	0.903	0.901	2.146	0.	0.852	0.923	0.	0.	1.82	2.056
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.966								

** - Less than 9 observations ## - Computed 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 1972 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	3	42.	59.	105.	30.	1623.	40.286	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	3	1.623	1.707	2.021	1.477	0.079	0.282	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			50.955								

** - Less than 9 observations ## - Computed 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 1973 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	13	150.	454.385	1800.	0.	410432.423	640.65	0.	4.5	829.5	1740.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	13	2.176	1.828	3.255	0.	1.492	1.222	0.	0.477	2.903	3.24
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			67.288								

** - Less than 9 observations ## - Computed 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 1974 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	13	210.	377.077	1230.	0.	171278.077	413.858	6.	76.5	555.	1218.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	13	2.322	2.17	3.09	0.	0.727	0.853	0.47	1.799	2.743	3.086
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			147.84								

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

Annual Analysis for 1975 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	6	279.	1023.	3480.	0.	2100726.	1449.388	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	6	2.194	1.875	3.542	0.	2.527	1.59	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			75.065								

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

Annual Analysis for 1976 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	2	80.5	80.5	123.	38.	3612.5	60.104	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	2	1.835	1.835	2.09	1.58	0.13	0.361	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			68.367								

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

Annual Analysis for 1977 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	43	168.	456.14	3480.	0.	498715.599	706.198	0.	9.	540.	1482.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	43	2.225	1.853	3.542	0.	1.389	1.178	0.	0.954	2.732	3.166
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			71.304								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	44	36.5	171.114	2280.	0.	161115.591	401.392	0.	0.	159.	420.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	44	1.56	1.297	3.358	0.	1.164	1.079	0.	0.	2.196	2.605
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.796								

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	29	16.	34.552	150.	0.	1910.042	43.704	0.	0.	49.	123.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	29	1.204	1.04	2.176	0.	0.647	0.805	0.	0.	1.69	2.09
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.968								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	27	0.	5.481	36.	0.	118.413	10.882	0.	0.	3.	30.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	27	0.	0.348	1.556	0.	0.296	0.544	0.	0.	0.477	1.485
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.228								

** - Less than 9 observations ## - Computed 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: LAMR0074

NPS Station ID: LAMR0074
LAT/LON: 35.452781/-101.783338
Agency: 11EPALES
Date Created: / /
Location: BONITA CREEK
FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4823D1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: T/LAKE MEREDITH
Elevation: 0
Water Body Id:
Minor Basin: 2NDRY RD XING 0.6 MI S OF LX RANCH
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
SECONDARY ROAD CROSSING 0.6 MI S OF LX RANCH & 5 MI NW OF JCT WITH US 87/287 LU

Parameter Inventory for Station: LAMR0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	13	0.015	0.028	0.095	0.01	0.001	0.027	0.01	0.01	0.04	0.083
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/07/74-10/07/74	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-10/07/74	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	13	0.45	0.523	1.	0.15	0.07	0.265	0.17	0.325	0.75	0.96
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	13	0.03	0.074	0.58	0.01	0.024	0.154	0.01	0.015	0.055	0.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	13	0.01	0.017	0.06	0.005	0.	0.017	0.005	0.005	0.024	0.052
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	13 ##	0.003	0.006	0.02	0.003	0.	0.006	0.003	0.003	0.01	0.018

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

EPA Water Quality Criteria Analysis for Station: LAMR0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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: LAMR0075

NPS Station ID: LAMR0075
LAT/LON: 35.471003/-101.786004
Agency: 11NPSWRD
Date Created: 08/08/98
Location: BONITA CREEK ON LX RANCH
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): LAMR_RRA_2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 3010
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CHUNKY TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BONITA CREEK ON LX RANCH APPROXIMATELY 1.1 MILES UPSTREAM OF CONFLUENCE WITH THE CANADIAN RIVER; 17 MILES NORTH OF AMARILLO AND 5 MILES EAST OF U.S. 287. THE SITE IS INSIDE LAKE MEREDITH NATIONAL RECREATION AREA BOUNDARIES. THE DATA WERE COLLECTED BY THE RED RIVER AUTHORITY OF TEXAS. SURFACE WATER QUALITY MONITORING DATA COLLECTED BY THE RED RIVER AUTHORITY OF TEXAS AND OTHER TEXAS WATER AGENCIES CAN BE ACCESSED ON THE INTERNET AT WWW.RRA.DST.TX.US. GRANT PHILLIPS OF THE RED RIVER AUTHORITY IS THE RRA CONTACT FOR THE SURFACE WATER QUALITY MONITORING WEBSITE. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036-1460; TEL. 807-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/08/97-07/08/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/97-07/08/97	1	23.7	23.7	23.7	23.7	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/97-07/08/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/97-07/08/97	1	519.	519.	519.	519.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/08/97-07/08/97	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/97-07/08/97	1	7.76	7.76	7.76	7.76	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/97-07/08/97	1	7.76	7.76	7.76	7.76	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/97-07/08/97	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/97-07/08/97	1	253.	253.	253.	253.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/97-07/08/97	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/08/97-07/08/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/08/97-07/08/97	1	53.7	53.7	53.7	53.7	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/08/97-07/08/97	1	15.2	15.2	15.2	15.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/08/97-07/08/97	1	36.99	36.99	36.99	36.99	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/97-07/08/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/97-07/08/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/08/97-07/08/97	1	364.	364.	364.	364.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/97-07/08/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: LAMR0076

NPS Station ID: LAMR0076
LAT/LON: 35.395559/-101.834171
Agency: 21TXWQB
Date Created: 04/29/95
Location: EAST AMARILLO CREEK AT US 287
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 10018
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Canadian River Basin
ECO Region: 26M
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EAST AMARILLO CREEK AT US 287 NORTH OF AMARILLO

Parameter Inventory for Station: LAMR0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-06/23/98	41	1.	1.293	2.	1.	0.212	0.461	1.	1.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-03/25/98	35	17.1	16.337	30.6	0.5	64.119	8.007	4.18	9.3	22.2	27.68
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/85-04/24/85	5	65.7	60.6	70.2	47.7	90.155	9.495	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/28/94-06/23/98	24	3.	6.458	36.	0.	68.916	8.302	0.35	0.925	10.5	18.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/91-10/22/97	20	0.265	0.313	0.9	0.05	0.034	0.185	0.137	0.2	0.4	0.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-03/25/98	35	856.	980.114	1916.	270.	325890.045	570.868	291.8	472.	1580.	1886.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/85-04/23/85	1	2080.	2080.	2080.	2080.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/85-03/25/98	35	9.	9.874	16.6	5.5	8.395	2.897	6.46	7.6	12.4	14.1
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	2.75	2.75	3.5	2.	1.125	1.061	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	11.75	11.75	19.	4.5	105.125	10.253	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	8.	8.	12.	4.	32.	5.657	**	**	**	**
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/85-03/25/98	35	8.32	8.359	9.3	7.58	0.166	0.408	7.892	8.09	8.53	9.096
00400	CONVERTED PH (STANDARD UNITS)	04/23/85-03/25/98	35	8.32	8.205	9.3	7.58	0.191	0.437	7.892	8.09	8.53	9.096
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-03/25/98	35	0.005	0.006	0.026	0.001	0.	0.005	0.001	0.003	0.008	0.013
00403	PH, LAB, STANDARD UNITS SU	04/23/85-04/23/85	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/23/85-04/23/85	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-04/23/85	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/85-01/28/98	20	148.	162.95	296.	81.	3649.629	60.412	83.7	111.75	207.5	248.8
00480	SALINITY - PARTS PER THOUSAND	02/28/94-02/28/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-07/15/97	18	17.5	53.861	231.	0.5	5264.053	72.554	0.95	4.5	88.75	195.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-07/15/97	18	3.5	6.972	32.	0.5	69.161	8.316	0.5	1.	10.5	21.2
00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	03/14/96-07/15/97	5	0.65	1.012	2.3	0.34	0.681	0.825	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/85-01/28/98	21	0.05	0.791	12.38	0.005	7.211	2.685	0.01	0.023	0.185	1.43
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-10/13/94	7	0.18	0.254	0.56	0.01	0.043	0.206	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/85-10/13/94	7	2.38	3.32	13.6	0.03	21.681	4.656	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-07/15/97	16	0.985	1.801	12.8	0.43	8.821	2.97	0.591	0.755	1.585	5.387
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/95-01/28/98	9	5.06	4.857	9.29	0.4	11.611	3.407	0.4	1.05	7.975	9.29
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/23/85-04/23/85	1	14.23	14.23	14.23	14.23	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/23/85-04/23/85	1	12.67	12.67	12.67	12.67	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-07/15/97	18	0.435	0.867	4.65	0.06	1.347	1.161	0.105	0.168	1.055	3.003
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/23/85-12/09/96	13	0.47	0.968	4.14	0.06	1.418	1.191	0.064	0.18	1.09	3.584
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/21/91-07/15/97	16	7.	7.438	13.	4.	5.463	2.337	4.7	6.	8.75	11.6
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-06/27/89	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/05/95-07/05/95	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/95-07/05/95	1	27.9	27.9	27.9	27.9	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	04/17/97-01/28/98	3	56.9	52.467	74.5	26.	602.803	24.552	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/95-01/28/98	3	17.2	18.7	32.9	6.	182.59	13.513	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/17/97-04/17/97	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	04/17/97-04/17/97	1	49.6	49.6	49.6	49.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/22/97-01/28/98	2	115.6	115.6	137.6	93.6	968.	31.113	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/85-01/28/98	21	107.	128.905	288.	20.	8528.29	92.349	22.	50.5	230.	266.8
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/85-01/28/98	21	68.	94.429	241.	14.	5245.057	72.423	18.	32.5	172.5	206.8
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/05/95-07/05/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/05/95-07/05/95	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/05/95-07/05/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/05/95-07/05/95	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/05/95-07/05/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/05/95-07/05/95	1 ##	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/05/95-07/05/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/05/95-07/05/95	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/05/95-07/05/95	1 ##	17.	17.	17.	17.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/05/95-07/05/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	07/05/95-07/05/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/91-03/25/98	26	51.	191.308	1080.	1.	91962.682	303.253	1.5	15.	197.75	834.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/91-03/25/98	26	1.705	1.677	3.033	0.	0.766	0.875	0.176	1.161	2.287	2.918
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.496								
31648	E. COLI - MTEC-MF N0/100ML	04/17/97-03/25/98	10	64.5	256.3	1000.	2.	121828.011	349.039	4.2	42.	420.	976.8
31648	LOG E. COLI - MTEC-MF N0/1	04/17/97-03/25/98	10	1.81	1.941	3.	0.301	0.63	0.794	0.409	1.606	2.583	2.989
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			87.323								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-07/15/97	17	5.	10.018	33.	0.5	130.78	11.436	0.5	0.5	17.4	31.88
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-07/15/97	17	1.6	4.174	16.3	0.	31.968	5.654	0.	0.5	5.5	16.22
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/05/95-07/05/95	1	94.	94.	94.	94.	0.	0.	**	**	**	**
50088	ACID VOLATILE SULFIDE TOT SED MMOL/KG	07/11/97-07/11/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-07/15/97	16	450.	638.063	1150.	142.	135400.329	367.968	217.6	327.	1030.5	1073.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/17/97-01/28/98	3	552.	598.	950.	292.	109828.	331.403	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/14/96-01/28/98	8 ##	0.05	0.114	0.36	0.005	0.016	0.128	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/05/95-07/05/95	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/05/95-07/05/95	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
72053	DAYS SINCE PRECIPITATION EVENT DAYS	08/21/91-07/15/97	15	5.	8.067	43.	2.	100.21	10.01	2.	4.	9.	23.2
74069	FLOW, ESTIMATED STREAM CFS	08/21/91-03/17/93	3	2.95	7.983	20.	1.	109.251	10.452	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	07/11/97-07/11/97	1	84.4	84.4	84.4	84.4	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/20/97-03/25/98	5	6.	18.28	67.9	2.7	781.927	27.963	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: LAMR0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	35	0	0.00	23	0	0.00	12	0	0.00						
00400	PH	Fresh Chronic	9.	35	4	0.11	23	1	0.04	12	3	0.25						
		Other-Lo Lim.	6.5	35	0	0.00	23	0	0.00	12	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	7	0	0.00	5	0	0.00	2	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	1	0.14	5	0	0.00	2	1	0.50						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	4	0	0.00	5	0	0.00						
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	21	0	0.00	13	0	0.00	8	0	0.00						
		Drinking Water	250.	21	3	0.14	13	2	0.15	8	1	0.13						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	21	0	0.00	13	0	0.00	8	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									
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									

& - 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: LAMR0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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									
01220	CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	26	6	0.23	14	6	0.43	12	0	0.00						
31648	E. COLI, MTEC, MF	Other-Hi Lim.	126.	10	4	0.40	5	4	0.80	5	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	5	1	0.20				5	1	0.20						

& - 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: 4/15 to 10/31 - Station LAMR0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-06/23/98	29	1.	1.241	2.	1.	0.19	0.435	1.	1.	1.5	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-03/25/98	23	21.2	19.983	30.6	8.7	37.525	6.126	10.38	16.1	23.9	29.12
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/91-10/22/97	13	0.25	0.316	0.9	0.05	0.048	0.22	0.082	0.2	0.45	0.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-03/25/98	23	659.	884.957	1916.	270.	413577.498	643.1	282.2	370.	1810.	1889.2
00300	OXYGEN, DISSOLVED MG/L	04/23/85-03/25/98	23	8.8	8.378	12.8	5.5	2.61	1.616	6.28	7.1	9.3	10.16
00400	PH (STANDARD UNITS)	04/23/85-03/25/98	23	8.2	8.222	9.12	7.58	0.113	0.336	7.88	7.92	8.44	8.656
00400	CONVERTED PH (STANDARD UNITS)	04/23/85-03/25/98	23	8.2	8.113	9.12	7.58	0.125	0.354	7.88	7.92	8.44	8.656
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-03/25/98	23	0.006	0.008	0.026	0.001	0.	0.006	0.002	0.004	0.012	0.013
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-07/15/97	11	55.	82.636	231.	5.	6531.855	80.82	5.	17.	172.	223.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-07/15/97	11	9.	10.136	32.	0.5	87.705	9.365	0.6	3.	14.	29.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-07/15/97	9	0.87	2.268	12.8	0.43	15.738	3.967	0.43	0.77	1.46	12.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-07/15/97	11	0.91	1.176	4.65	0.12	1.939	1.392	0.122	0.2	1.32	4.284
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/91-03/25/98	14	164.	342.286	1080.	45.	123504.066	351.431	51.	109.5	520.75	1040.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/91-03/25/98	14	2.214	2.331	3.033	1.653	0.192	0.438	1.705	2.039	2.703	3.017
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			214.06								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-07/15/97	10	5.67	11.126	33.	0.5	139.953	11.83	0.5	2.075	21.65	32.54
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-07/15/97	10	1.815	2.205	7.	0.	5.628	2.372	0.	0.	3.693	6.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-07/15/97	10	354.	462.9	1040.	142.	99479.656	315.404	152.8	259.	608.	1039.4

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-06/23/98	12	1.	1.417	2.	1.	0.265	0.515	1.	1.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-03/25/98	12	8.9	9.35	20.8	0.5	42.09	6.488	0.68	3.025	14.3	19.69
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/91-10/22/97	7	0.3	0.307	0.5	0.2	0.012	0.11	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-03/25/98	12	1140.5	1162.5	1750.	547.	124919.727	353.44	639.7	881.	1521.75	1702.
00300	OXYGEN, DISSOLVED MG/L	04/23/85-03/25/98	12	12.8	12.742	16.6	7.1	7.081	2.661	8.03	11.05	14.625	16.57
00400	PH (STANDARD UNITS)	04/23/85-03/25/98	12	8.48	8.621	9.3	8.09	0.174	0.417	8.093	8.333	9.04	9.267
00400	CONVERTED PH (STANDARD UNITS)	04/23/85-03/25/98	12	8.48	8.467	9.3	8.09	0.2	0.447	8.093	8.333	9.04	9.267
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-03/25/98	12	0.003	0.003	0.008	0.001	0.	0.003	0.001	0.001	0.005	0.008
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-07/15/97	7	3.	8.643	31.	0.5	124.893	11.176	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-07/15/97	7	2.	2.	5.	0.5	2.583	1.607	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-07/15/97	7	0.99	1.201	2.21	0.66	0.324	0.569	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-07/15/97	7	0.21	0.38	1.1	0.06	0.135	0.367	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/91-03/25/98	12	13.	15.167	42.	1.	189.561	13.768	1.15	2.125	26.75	38.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/91-03/25/98	12	1.092	0.914	1.623	0.	0.336	0.579	0.053	0.283	1.426	1.584
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.2								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-07/15/97	7	3.14	8.436	31.6	0.5	133.851	11.569	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-07/15/97	7	1.6	6.986	16.3	0.5	61.121	7.818	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-07/15/97	6	994.	930.	1150.	434.	63500.8	251.994	**	**	**	**

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Station Inventory for Station: LAMR0077

NPS Station ID: LAMR0077
LAT/LON: 35.395865/-101.834226
Agency: 11NPSWRD
Date Created: 06/20/98
Location: EAST AMARILLO CREEK AT 287
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): LAMR_CRMWA_33
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 3200
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE CHUNKY TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON EAST AMARILLO CREEK AT ITS JUNCTION WITH US HIGHWAY 287. THE SAMPLING STATION IS OUTSIDE THE BOUNDARIES OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL; AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460; FRITCH TEXAS; 79036- 1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-11/11/69	8	65.5	62.875	82.	40.	158.696	12.597	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-11/11/69	6	110.5	483.833	1294.	15.	380818.967	617.105	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-06/16/74	4	1700.	1687.5	2100.	1250.	180625.	425.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/04/67-11/11/69	11	7.	7.955	14.2	3.	10.843	3.293	3.2	6.	10.8	13.68
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/67-02/10/69	7	7.2	11.029	32.	2.	120.406	10.973	**	**	**	**
00400	PH (STANDARD UNITS)	01/13/69-06/16/74	24	7.7	7.708	8.2	7.1	0.054	0.232	7.5	7.525	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/13/69-06/16/74	24	7.7	7.646	8.2	7.1	0.058	0.24	7.5	7.525	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/69-06/16/74	24	0.02	0.023	0.079	0.006	0.	0.014	0.008	0.016	0.03	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/70-10/25/73	19	270.	252.474	328.	28.	5428.374	73.678	106.	250.	293.	320.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/12/70-09/04/73	11 ##	0.	0.727	6.	0.	3.418	1.849	0.	0.	0.	5.2
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/70-10/25/73	12	313.	310.083	400.	226.	2727.538	52.226	229.6	275.5	347.75	393.4
00445	CARBONATE ION (MG/L AS CO3)	05/12/70-08/31/71	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/71-08/31/71	10	1393.	1366.2	1564.	1090.	29816.4	172.674	1096.4	1163.75	1502.5	1564.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/70-06/16/74	19	268.	253.842	310.	118.	1714.251	41.404	202.	244.	280.	280.
00916	CALCIUM, TOTAL (MG/L AS CA)	05/12/70-06/16/74	20	160.	153.5	201.	64.	1529.526	39.109	73.3	144.5	184.	198.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/12/70-10/25/73	18	24.	45.111	114.	2.	1219.046	34.915	20.	24.	77.5	106.8
00929	SODIUM, TOTAL (MG/L AS NA)	05/12/70-09/04/73	14	254.5	245.643	330.	82.	6692.863	81.81	82.5	209.	311.25	330.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-06/16/74	32	287.5	295.094	850.	5.	27314.346	165.271	89.5	206.25	350.	427.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/70-06/16/74	19	210.	215.263	330.	110.	4009.649	63.322	130.	170.	270.	300.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/25/73-06/16/74	4	1.35	1.4	2.	0.9	0.205	0.453	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/04/73-10/25/73	4	110.	102.5	130.	60.	958.333	30.957	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/13/70-09/04/73	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	146	300.	6172.788	200000.	0.	571810289.906	23912.555	0.	9.75	3255.	12000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	146	2.477	2.275	5.301	0.	2.245	1.498	0.	0.976	3.513	4.079
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			188.223								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	165	0.	870.697	70000.	0.	31314667.92	5595.951	0.	0.	100.	1600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	165	0.	1.05	4.845	0.	1.674	1.294	0.	0.	2.	3.203
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.208								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	98	0.	1295.735	37800.	0.	26194909.681	5118.096	0.	0.	740.	2673.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	98	0.	1.321	4.577	0.	2.298	1.516	0.	0.	2.869	3.427
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			20.937								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	1	1960.	1960.	1960.	1960.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	1	3.292	3.292	3.292	3.292	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			1960.								
50979	E.COLI,MPN,COLI-COMPLETE #/100ML	05/05/69-08/19/69	3	0.	6.667	20.	0.	133.333	11.547	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/70-10/13/70	2	1300.5	1300.5	1348.	1253.	4512.5	67.175	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/12/70-10/13/70	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/13/70-10/13/70	1	17.4	17.4	17.4	17.4	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/04/73-10/25/73	4	33.	30.8	35.2	22.	38.72	6.223	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: LAMR0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	5	0.83	3	3	1.00	3	2	0.67						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	2	0.18	7	1	0.14	4	1	0.25						
00400	PH	Fresh Chronic	9.	24	0	0.00	21	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	24	0	0.00	21	0	0.00	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	32	0	0.00	29	0	0.00	3	0	0.00						
		Drinking Water	250.	32	20	0.63	29	18	0.62	3	2	0.67						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	19	5	0.26	19	5	0.26									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	4	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	146	54	0.37	91	41	0.45	55	13	0.24						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	165	34	0.21	105	30	0.29	60	4	0.07						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	4	0	0.00	4	0	0.00									

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

Annual Analysis for 1966 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2400.								

** - Less than 9 observations ## - Computed 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 1968 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	4	1201.	1200.5	2400.	0.	1918401.	1385.064	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	4	1.841	1.765	3.38	0.	3.492	1.869	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			58.259								

** - 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

Annual Analysis for 1969 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	10	145.5	21106.6	190000.	1.	3535420783.378	59459.404	1.3	25.	8925.	171960.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	10	2.044	2.436	5.279	0.	2.784	1.669	0.06	1.279	3.95	5.149
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			272.617								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	10	48.	8086.6	70000.	0.	476806485.378	21835.899	0.	6.	4050.	63540.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	10	1.554	2.047	4.845	0.	2.859	1.691	0.	0.677	3.6	4.734
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			111.335								

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

Annual Analysis for 1970 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	26	500.	11298.923	200000.	0.	1549205647.674	39359.95	24.3	126.25	4625.	20910.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	26	2.699	2.828	5.301	0.	1.333	1.155	1.346	2.098	3.655	4.247
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			672.795								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	16	15.5	236.688	3100.	0.	587085.963	766.215	0.	1.5	115.	1070.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	16	1.19	1.245	3.491	0.	1.001	1.001	0.	0.195	2.059	2.658
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.581								

** - 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

Annual Analysis for 1971 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	28	251.	2009.071	20000.	0.	19149694.587	4376.036	0.	4.5	1150.	9100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	28	2.399	2.099	4.301	0.	2.003	1.415	0.	0.314	3.059	3.959
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			125.505								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	47	0.	52.915	1000.	0.	24307.297	155.908	0.	0.	33.	134.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	47	0.	0.641	3.	0.	0.91	0.954	0.	0.	1.519	2.119
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.378								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	9	310.	511.667	2000.	0.	403273.5	635.038	0.	13.5	760.	2000.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	9	2.491	2.005	3.301	0.	1.556	1.247	0.	0.716	2.88	3.301
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			101.268								

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Annual Analysis for 1972 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	9	30.	414.667	2400.	0.	608692.	780.187	0.	3.	495.	2400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	9	1.477	1.579	3.38	0.	1.591	1.261	0.	0.389	2.658	3.38
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			37.89								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	14	0.	41.286	260.	0.	7397.758	86.01	0.	0.	32.25	227.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	14	0.	0.519	2.415	0.	0.912	0.955	0.	0.	0.878	2.353
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.301								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	13	0.	594.308	4800.	0.	1905701.231	1380.471	0.	0.	593.	3576.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	13	0.	0.829	3.681	0.	2.097	1.448	0.	0.	1.925	3.505
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.739								

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Annual Analysis for 1973 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	28	1770.	9368.786	63000.	0.	239929963.952	15489.673	0.	180.	12000.	38790.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	28	3.224	2.897	4.799	0.	2.232	1.494	0.	2.24	4.079	4.588
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			789.667								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	32	15.	598.5	3000.	0.	999631.161	999.816	0.	0.	1038.	2763.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	32	0.739	1.348	3.477	0.	2.144	1.464	0.	0.	3.015	3.441
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.279								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	31	180.	3287.516	37800.	0.	77277392.458	8790.756	0.	0.	2670.	7914.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	31	2.255	1.718	4.577	0.	3.061	1.75	0.	0.	3.427	3.874
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			52.202								

** - Less than 9 observations ## - Computed 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 1974 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	22	42.	1582.909	15600.	0.	12581711.61	3547.071	0.	0.	1612.5	5400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	22	1.193	1.541	4.193	0.	2.627	1.621	0.	0.	3.193	3.732
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.717								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	24	0.	1282.5	11100.	0.	9108254.348	3017.988	0.	0.	690.	6570.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	24	0.	1.147	4.045	0.	2.536	1.592	0.	0.	2.838	3.742
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.033								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	25	0.	280.56	3300.	0.	485172.84	696.543	0.	0.	357.	828.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	25	0.	0.964	3.519	0.	1.779	1.334	0.	0.	2.547	2.861
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			9.206								

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

Annual Analysis for 1975 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	11	90.	2536.909	12000.	0.	16188786.491	4023.529	0.	0.	5700.	11040.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	11	1.954	2.086	4.079	0.	2.589	1.609	0.	0.	3.756	4.035
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			121.887								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	13	3.	360.923	3330.	0.	823236.577	907.324	0.	0.	300.	2190.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	13	0.477	1.155	3.522	0.	1.797	1.341	0.	0.	2.477	3.186
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.303								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	14	196.5	405.214	1530.	0.	240328.335	490.233	0.	0.	832.5	1215.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	14	1.297	1.436	3.185	0.	2.238	1.496	0.	0.	2.92	3.069

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

Annual Analysis for 1975 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			27.301								

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

Annual Analysis for 1976 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	4	103.	198.5	588.	0.	76057.	275.784	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	4	1.54	1.462	2.769	0.	1.673	1.293	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.983								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	5	18.	253.2	1200.	0.	280519.2	529.641	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	5	1.255	1.203	3.079	0.	1.661	1.289	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.964								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	2	18.	18.	33.	3.	450.	21.213	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	2	0.998	0.998	1.519	0.477	0.542	0.736	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			9.95								

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

Annual Analysis for 1977 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	3	60.	1117.	3240.	51.	3380367.	1838.577	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	3	1.778	2.332	3.511	1.708	1.043	1.021	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			214.827								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	4	13.5	14.25	30.	0.	164.25	12.816	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	4	1.105	0.922	1.477	0.	0.423	0.651	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.349								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	4	0.	3.75	15.	0.	56.25	7.5	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	4	0.	0.294	1.176	0.	0.346	0.588	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.968								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	91	500.	4308.385	63000.	0.	90927636.395	9535.598	0.	3.	4000.	12000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	91	2.699	2.333	4.799	0.	2.457	1.568	0.	0.477	3.602	4.079
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			215.49								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	105	0.	668.581	11100.	0.	2992000.4	1729.74	0.	0.	300.	2736.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	105	0.	1.222	4.045	0.	1.937	1.392	0.	0.	2.477	3.437
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.663								

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/66-01/25/77	55	200.	9257.527	200000.	0.	1368320923.365	36990.822	0.	30.	600.	10800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/66-01/25/77	55	2.301	2.177	5.301	0.	1.918	1.385	0.	1.477	2.778	4.032
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			150.473								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	60	0.	1224.4	70000.	0.	81570200.075	9031.622	0.	0.	27.5	99.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/69-01/25/77	60	0.	0.748	4.845	0.	1.093	1.045	0.	0.	1.433	2.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.6								

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

Station Inventory for Station: LAMR0078

NPS Station ID: LAMR0078 LAT/LON: 35.469448/-101.854727 Agency: 21TXWQB Date Created: 07/23/94
Location: CANADIAN RIVER 2400 METERS DOWNSTREAM OF HWY 287 FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 10053 /0103.0080 /103.800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Canadian River Basin ECO Region: 26M
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
CANADIAN RIVER 2400 METERS DOWNSTREAM OF HWY 287

Parameter Inventory for Station: LAMR0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-04/24/85	6	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-04/24/85	5	18.7	17.26	22.2	8.7	31.143	5.581	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/85-04/24/85	5	65.7	63.1	72.	47.7	100.985	10.049	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-04/24/85	5	4850.	4716.	5140.	4160.	164530.	405.623	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/85-04/23/85	1	5576.	5576.	5576.	5576.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/85-04/24/85	5	9.	9.34	10.6	8.7	0.663	0.814	**	**	**	**
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-04/23/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-04/23/85	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-04/23/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-04/23/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/85-04/24/85	5	8.2	8.18	8.3	8.1	0.007	0.084	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/85-04/24/85	5	8.2	8.174	8.3	8.1	0.007	0.084	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-04/24/85	5	0.006	0.007	0.008	0.005	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/23/85-04/23/85	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/23/85-04/23/85	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-04/23/85	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/85-04/23/85	1	185.	185.	185.	185.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-04/23/85	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-04/23/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/85-04/23/85	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-04/23/85	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/85-04/23/85	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-04/23/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/23/85-04/23/85	1	1.29	1.29	1.29	1.29	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/23/85-04/23/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-04/23/85	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/23/85-04/23/85	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-04/23/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/85-04/23/85	1	1068.	1068.	1068.	1068.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/85-04/23/85	1	619.	619.	619.	619.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-04/23/85	1	21.	21.	21.	21.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-04/23/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-04/23/85	1	2808.	2808.	2808.	2808.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	5	0	0.00									
00400	PH	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: LAMR0079

NPS Station ID: LAMR0079 | LAT/LON: 35.468670/-101.867170 | Agency: 11NPSWRD | Date Created: 07/25/98
Location: Fulton Ranch on Canadian River | FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): LAMR_01039901 /01039901
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT | ECO Region:
RF1 Index: 11090105 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
The station is located on the Chunky TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Department of Water Quality. Samples analyzed for toxics. Sample taken from Fulton Ranch on the Canadian River." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01007	BARIUM, TOTAL (UG/L AS BA)	06/09/72-06/09/72	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/09/72-06/09/72	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/72-06/09/72	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	06/09/72-06/09/72	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/09/72-06/09/72	1	200.	200.	200.	200.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/06/71-06/09/72	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	2 ##	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/06/71-06/09/72	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/09/72-06/09/72	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: LAMR0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-10/31---------- Obs	Exceed	Prop.	----------11/01-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00	2	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00	2	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	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: LAMR0080

NPS Station ID: LAMR0080
LAT/LON: 35.469948/-101.879227
Agency: 11NPSWRD
Date Created: 06/20/98
Location: CANADIAN RIVER AT 287
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): LAMR_CRMWA_32
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin: S CEN LOW MISSISSIPPI R
Elevation: 2989
Water Body Id:
Minor Basin: S CANADIAN R-BELOW TX-OK ST LINE
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE PUENTE TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON THE CANADIAN RIVER AT ITS JUNCTION WITH US HIGHWAY 287. THE SAMPLING STATION IS OUTSIDE THE PARK BOUNDARIES OF LAKE MEREDITH NATIONAL RECREATION AREA. DATA HAVE BEEN COLLECTED BY THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY (CRMWA) FROM 1967 TO THE PRESENT TO MONITOR WATER QUALITY FOR THE CANADIAN RIVER PROJECT. ASHBY LEWIS OF THE CANADIAN RIVER MUNICIPAL WATER AUTHORITY IS THE PRINCIPAL ANALYST OF THE WATER QUALITY DATA. THE CRMWA WATER QUALITY MONITORING INCLUDES BACTERIOLOGICAL; CHEMICAL AND PHYSICAL PARAMETERS. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT LAKE MEREDITH NATIONAL RECREATION AREA; P.O. BOX 1460 FRITCH TEXAS; 79063-1460; TEL. 806-857-3151. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO; 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/69-01/20/70	7	52.	53.571	78.	34.	239.952	15.49	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/69-01/20/70	7	95.	514.143	1190.	35.	300520.476	548.197	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/73-04/24/87	7	1350.	1545.571	3240.	787.	726677.619	852.454	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/03/68-01/20/70	8	8.95	8.7	10.7	7.	1.169	1.081	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/03/68-02/10/69	4	1.25	2.875	8.	1.	11.729	3.425	**	**	**	**
00400	PH (STANDARD UNITS)	01/13/69-04/24/87	31	8.1	8.024	8.4	7.4	0.073	0.27	7.488	7.89	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/13/69-04/24/87	31	8.1	7.927	8.4	7.4	0.082	0.287	7.488	7.89	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/69-04/24/87	31	0.008	0.012	0.04	0.004	0.	0.01	0.005	0.006	0.013	0.033
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/28/70-10/25/73	21	180.	181.	260.	100.	1511.7	38.881	131.	151.	200.	232.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/28/70-09/04/73	17 ##	0.	1.176	16.	0.	15.529	3.941	0.	0.	0.	6.4
00440	BICARBONATE ION (MG/L AS HCO3)	02/28/70-10/25/73	17	217.	213.529	278.	159.	1215.89	34.87	163.8	183.5	244.	263.6
00445	CARBONATE ION (MG/L AS CO3)	02/28/70-08/31/71	15 ##	0.	0.533	8.	0.	4.267	2.066	0.	0.	0.	3.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/22/71-08/31/71	9	831.	800.111	927.	596.	11585.611	107.636	596.	729.	863.	927.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/16/69-07/30/70	5	3.02	4.556	11.	1.	14.988	3.871	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/70-06/16/74	19	208.	278.684	580.	97.	23244.45	152.461	105.	170.	440.	540.
00916	CALCIUM, TOTAL (MG/L AS CA)	02/28/70-06/16/74	21	108.	120.667	310.	40.	4242.533	65.135	41.6	84.	153.	220.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/28/70-10/25/73	20	29.	42.05	130.	13.	725.629	26.938	18.4	26.25	53.	76.3
00929	SODIUM, TOTAL (MG/L AS NA)	02/28/70-04/24/87	22	152.	244.227	700.	78.	31878.374	178.545	97.	125.5	376.	549.2
00937	POTASSIUM, TOTAL MG/L AS K)	06/10/70-10/13/70	3 ##	0.	1.667	5.	0.	8.333	2.887	**	**	**	**

** - 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

Parameter Inventory for Station: LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-04/24/87	35	234.	369.	956.	118.	72455.294	269.175	137.	150.	574.	864.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/20/70-06/16/74	21	200.	272.429	625.	126.	18744.357	136.91	150.	177.5	355.	518.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/70-06/16/74	3	1.21	1.19	1.51	0.85	0.109	0.33	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/15/88-02/15/88	1	152.	152.	152.	152.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/15/88-02/15/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/30/70-10/25/73	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/20/70-09/04/73	4 ##	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/30/70-07/30/70	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/15/88-02/15/88	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	75	330.	2280.213	30000.	0.	21344167.116	4619.975	0.	30.	2300.	8200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	75	2.519	2.336	4.477	0.	1.738	1.318	0.	1.477	3.362	3.913
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			216.901								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	85	33.	510.459	4110.	0.	1001803.37	1000.901	0.	0.	335.	2040.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	85	1.519	1.414	3.614	0.	1.784	1.336	0.	0.	2.525	3.31
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.929								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/20/71-01/25/77	51	123.	1115.961	12000.	0.	4268220.558	2065.967	0.	0.	1620.	3000.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/20/71-01/25/77	51	2.09	1.986	4.079	0.	1.804	1.343	0.	0.	3.21	3.477
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			96.823								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	1	1420.	1420.	1420.	1420.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/10/69-02/10/69	1	3.152	3.152	3.152	3.152	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			1420.								
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	02/15/88-02/15/88	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
50979	E.COLI,MPN,COLI-COMPLETE #/100ML	05/05/69-08/19/69	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/28/70-11/17/70	6	1945.5	1771.667	2650.	818.	484670.667	696.183	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	02/28/70-11/17/70	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/10/70-10/13/70	3	0.5	1.467	3.6	0.3	3.423	1.85	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	06/10/70-10/25/73	4	26.35	25.35	44.	4.7	466.43	21.597	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/15/88-02/15/88	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: LAMR0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	6	0.86	2	2	1.00	5	4	0.80						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	3	0	0.00	5	0	0.00						
00400	PH	Fresh Chronic	9.	31	0	0.00	23	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	31	0	0.00	23	0	0.00	8	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	35	3	0.09	28	2	0.07	7	1	0.14						
		Drinking Water	250.	35	16	0.46	28	10	0.36	7	6	0.86						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	21	9	0.43	18	6	0.33	3	3	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	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						
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						

& - 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: LAMR0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	75	27	0.36	47	23	0.49	28	4	0.14						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	85	30	0.35	55	29	0.53	30	1	0.03						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00				1	0	0.00						
		Drinking Water	3.	1	0	0.00				1	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00				1	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00				1	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	4	2	0.50	4	2	0.50									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Annual Analysis for 1968 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	2	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	2	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2400.								

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

Annual Analysis for 1969 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	7	270.	1710.429	8800.	3.	10411457.952	3226.679	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	7	2.431	2.425	3.944	0.477	1.199	1.095	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			266.083								

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

Annual Analysis for 1970 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	12	165.	980.	6900.	3.	3952901.273	1988.19	4.8	18.5	1427.5	5430.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	12	2.207	2.13	3.839	0.477	1.051	1.025	0.62	1.267	3.093	3.678
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			134.932								

** - Less than 9 observations ## - Computed 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 1971 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	10	395.5	874.1	4700.	0.	2062639.211	1436.189	0.	15.	1075.	4390.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	10	2.556	2.114	3.672	0.	1.647	1.284	0.	0.976	3.017	3.625
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			129.879								

** - Less than 9 observations ## - Computed 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 1972 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	4	157.	153.5	300.	0.	19609.	140.032	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	4	2.125	1.682	2.477	0.	1.328	1.152	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			48.044								

** - Less than 9 observations ## - Computed 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 1973 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	16	1245.	4067.25	16500.	0.	26478543.	5145.731	0.	480.75	7957.5	13560.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	16	3.095	2.922	4.217	0.	1.611	1.269	0.	2.678	3.887	4.128
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			836.187								

** - Less than 9 observations ## - Computed 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 1974 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	16	60.	2323.125	30000.	0.	55572236.25	7454.679	0.	0.	757.5	11940.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	16	1.716	1.553	4.477	0.	2.43	1.559	0.	0.	2.845	3.879
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35.733								

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

Annual Analysis for 1975 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	5	3000.	3990.	7800.	450.	12033000.	3468.861	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	5	3.477	3.395	3.892	2.653	0.284	0.533	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2485.045								

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

Annual Analysis for 1976 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	2	4596.	4596.	9000.	192.	38790432.	6228.197	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	2	3.119	3.119	3.954	2.283	1.396	1.182	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1314.534								

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

Annual Analysis for 1977 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	1	1740.	1740.	1740.	1740.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	1	3.241	3.241	3.241	3.241	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1740.								

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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/13/69-04/24/87	23	8.1	7.998	8.4	7.4	0.091	0.301	7.424	7.8	8.2	8.36
00400	CONVERTED PH (STANDARD UNITS)	01/13/69-04/24/87	23	8.1	7.884	8.4	7.4	0.104	0.323	7.424	7.8	8.2	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/69-04/24/87	23	0.008	0.013	0.04	0.004	0.	0.011	0.004	0.006	0.016	0.038
00929	SODIUM, TOTAL (MG/L AS NA)	02/28/70-04/24/87	20	147.	216.35	700.	78.	26040.871	161.372	95.	124.5	275.	499.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-04/24/87	28	218.	298.25	956.	118.	54563.824	233.589	124.5	150.	323.	707.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	47	900.	3190.021	30000.	0.	30029602.195	5479.927	0.	180.	4020.	9240.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	47	2.954	2.64	4.477	0.	1.69	1.3	0.	2.255	3.604	3.965
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			436.601								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	55	270.	775.927	4110.	0.	1353738.846	1163.503	0.	0.	1000.	3120.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	55	2.431	1.837	3.614	0.	1.897	1.377	0.	0.	3.	3.494
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			68.675								

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Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/13/69-04/24/87	8	8.1	8.099	8.3	7.89	0.018	0.133	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/13/69-04/24/87	8	8.1	8.081	8.3	7.89	0.018	0.134	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/69-04/24/87	8	0.008	0.008	0.013	0.005	0.	0.003	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	02/28/70-04/24/87	2	523.	523.	566.	480.	3698.	60.811	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/68-04/24/87	7	650.	652.	900.	234.	48246.333	219.65	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/68-01/25/77	28	161.	753.036	9000.	0.	3477732.999	1864.868	0.	4.5	590.	2036.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/68-01/25/77	28	2.199	1.826	3.954	0.	1.455	1.206	0.	0.596	2.771	3.284
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			67.031								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	30	0.	23.767	200.	0.	2326.392	48.233	0.	0.	35.25	60.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/69-01/25/77	30	0.	0.638	2.301	0.	0.673	0.821	0.	0.	1.545	1.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.348								

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Station Inventory for Station: LAMR0081

NPS Station ID: LAMR0081
LAT/LON: 35.470281/-101.879170
Agency: 21TXWQB
Date Created: 07/23/94
Location: CANADIAN RIVER AT US 87-287
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 10054 /0103.0100 /103.1000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Canadian River Basin
ECO Region: 26M
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
CANADIAN RIVER BRIDGE AT US 87-287 NORTH OF AMARILLO

Parameter Inventory for Station: LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	258	1.	1.047	2.	1.	0.045	0.211	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	147	14.7	14.864	31.7	0.	79.061	8.892	2.2	6.8	22.	27.84
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	114	57.85	57.777	89.	32.	260.228	16.132	36.	42.75	71.225	79.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/12/68-07/29/69	8	12.	16.25	29.	9.	75.071	8.664	**	**	**	**
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	04/28/69-09/14/71	26	57.	55.192	85.	21.	286.322	16.921	30.7	40.	69.5	76.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/23/70-06/23/98	73	21.	74.736	1732.	0.	45261.422	212.747	3.	6.	54.5	193.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	83	90.	1570.217	15000.	2.	12231882.172	3497.411	10.	30.	625.	6300.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/91-10/22/97	22	0.1	0.185	0.8	0.01	0.046	0.213	0.023	0.05	0.238	0.57
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	100	2000.	2586.19	22000.	100.	5704455.145	2388.4	1000.	1300.	3195.	4628.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/68-04/22/87	82	2600.	2852.317	9296.	780.	1996369.306	1412.929	1345.6	1818.75	3706.5	4171.2
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	149	9.	9.305	19.1	4.	6.522	2.554	6.7	7.	11.	12.5
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	9.	9.	14.	4.	50.	7.071	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	2.5	2.5	3.5	1.5	2.	1.414	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/26/68-06/07/73	46	11.	11.576	40.	2.	54.744	7.399	3.	6.	17.625	20.
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	3.25	3.25	5.	1.5	6.125	2.475	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	12/04/80-12/04/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/20/76-07/28/78	2	3188.	3188.	6100.	276.	16959488.	4118.19	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	06/11/74-08/26/75	2	3500.	3500.	6610.	390.	19344200.	4398.204	**	**	**	**
00400	PH (STANDARD UNITS)	02/22/72-03/25/98	95	8.15	8.059	9.1	6.1	0.236	0.486	7.36	7.9	8.33	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/22/72-03/25/98	95	8.15	7.588	9.1	6.1	0.46	0.678	7.36	7.9	8.33	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/22/72-03/25/98	95	0.007	0.026	0.794	0.001	0.008	0.091	0.003	0.005	0.013	0.044
00403	PH, LAB, STANDARD UNITS SU	09/26/68-04/23/85	81	8.	7.977	9.2	7.1	0.146	0.382	7.42	7.7	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/68-04/23/85	81	8.	7.815	9.2	7.1	0.172	0.415	7.42	7.7	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/68-04/23/85	81	0.01	0.015	0.079	0.001	0.	0.015	0.004	0.006	0.02	0.038
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/29/76-01/28/98	44	188.	217.045	1040.	90.	23592.091	153.597	127.	162.	222.75	258.
00480	SALINITY - PARTS PER THOUSAND	12/04/80-12/21/93	3 ##	1.	1.233	1.7	1.	0.163	0.404	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/14/79-09/14/79	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/11/75-02/11/75	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/11/75-02/11/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/72-12/30/97	61	170.	1903.656	22500.	3.	15725725.63	3965.568	13.	34.5	2030.	5828.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/12/72-12/30/97	60	21.5	122.675	1520.	0.5	64828.185	254.614	4.	7.	141.	337.6
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	07/28/78-09/14/79	2	345.	345.	380.	310.	2450.	49.497	**	**	**	**
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	06/11/74-07/20/76	3	110.	140.	250.	60.	9700.	98.489	**	**	**	**
00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	08/05/96-07/15/97	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/15/94-04/30/96	7 ##	0.005	0.009	0.03	0.005	0.	0.009	**	**	**	**

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

Parameter Inventory for Station: LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/72-01/28/98	65	0.1	1.453	15.7	0.005	11.123	3.335	0.016	0.04	0.615	6.34
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/30/96-04/30/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-10/13/94	10	0.06	0.066	0.11	0.01	0.001	0.029	0.013	0.055	0.093	0.109
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/72-10/13/94	49	0.5	1.752	10.8	0.015	7.563	2.75	0.06	0.15	1.6	6.5
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/30/96-04/30/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/04/80-12/30/97	22	0.565	1.476	10.	0.14	5.592	2.365	0.233	0.278	1.443	5.365
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/11/74-07/28/78	4	152.5	158.	310.	17.	19452.667	139.473	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/04/80-01/28/98	15	0.09	0.191	0.64	0.01	0.04	0.2	0.016	0.03	0.37	0.52
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/30/96-04/30/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/12/72-04/23/85	39	6.12	7.631	30.	0.	55.502	7.45	0.09	1.13	10.16	17.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/73-04/23/85	34	0.53	4.709	27.	0.015	48.33	6.952	0.03	0.082	8.483	14.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/72-12/30/97	59	1.3	3.496	79.74	0.01	110.768	10.525	0.03	0.19	3.14	8.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/30/96-04/30/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/11/74-09/14/79	5	300.	425.6	1100.	75.	172009.3	414.74	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/73-12/30/97	55	0.11	1.009	8.82	0.005	3.631	1.906	0.01	0.02	0.94	3.888
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/11/74-12/30/97	51	6.	10.52	102.	0.5	252.77	15.899	0.5	1.	14.	23.
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-06/27/89	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/16/91-08/05/96	2	85.05	85.05	110.	60.1	1245.005	35.285	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	04/17/97-01/28/98	3	97.3	102.7	127.4	83.4	505.87	22.492	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/91-01/28/98	4	52.05	47.075	57.	27.2	187.209	13.682	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/17/97-04/17/97	1	59.1	59.1	59.1	59.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	04/17/97-04/17/97	1	555.4	555.4	555.4	555.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/16/91-01/28/98	3	663.	547.71	700.	280.13	54041.542	232.468	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/91-01/16/91	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/68-01/28/98	108	484.5	526.667	1580.	69.	100297.813	316.698	165.3	283.25	720.	991.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/22/72-08/17/76	32	375.	426.688	850.	65.	50228.738	224.118	164.5	241.25	624.5	816.5
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/68-01/28/98	100	346.	366.7	1340.	69.	33403.081	182.765	183.3	225.75	460.5	558.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/16/91-01/16/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/16/91-01/16/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/05/96-08/05/96	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/11/74-09/14/79	5	1.3	2.	5.5	0.5	4.02	2.005	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/14/79-09/14/79	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/05/96-08/05/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/11/74-09/14/79	5 ##	0.25	0.35	0.5	0.25	0.019	0.137	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/11/74-09/14/79	5	2.9	7.1	16.	2.	41.78	6.464	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/05/96-08/05/96	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/05/96-08/05/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/11/74-09/14/79	5	6.9	6.6	15.	1.5	30.905	5.559	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/05/96-08/05/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/11/74-09/14/79	5	3.4	4.1	9.3	1.5	9.935	3.152	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/11/74-09/14/79	5	140.	160.	270.	100.	4450.	66.708	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/05/96-08/05/96	1 ##	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/11/74-09/14/79	5	14.	13.38	30.	1.9	142.372	11.932	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/05/96-08/05/96	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/11/74-09/14/79	5 ##	0.5	0.42	0.6	0.25	0.026	0.16	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/05/96-08/05/96	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/11/74-09/14/79	5	6.	13.66	32.	4.7	145.118	12.046	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/05/96-08/05/96	1 ##	17.	17.	17.	17.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/05/96-08/05/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/05/96-08/05/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/28/78-09/14/79	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-12/03/73	2	1150.	1150.	2100.	200.	1805000.	1343.503	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/12/73-12/03/73	2	2.812	2.812	3.322	2.301	0.521	0.722	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			648.074								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/20/72-06/12/73	6	800.	1528.333	5400.	10.	4106176.667	2026.37	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/20/72-06/12/73	6	2.889	2.669	3.732	1.	0.931	0.965	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			466.963								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/04/74-03/25/98	50	81.5	290.54	2100.	0.5	246448.09	496.435	1.5	5.	343.75	1186.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/04/74-03/25/98	50	1.911	1.672	3.322	-0.301	1.024	1.012	0.176	0.699	2.533	3.073
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.043								
31648	E. COLI - MTEC-MF N0/100ML	04/17/97-03/25/98	8	27.5	42.25	170.	5.	2933.357	54.16	**	**	**	**
31648	LOG E. COLI - MTEC-MF N0/1	04/17/97-03/25/98	8	1.423	1.372	2.23	0.699	0.249	0.499	**	**	**	**
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			23.568								

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Parameter Inventory for Station: LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/12/72-12/30/97	57	2.04	14.871	359.	0.5	3109.378	55.762	0.5	1.	7.	13.72
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/29/76-12/30/97	39	1.	3.632	22.	0.	29.836	5.462	0.	0.5	4.	10.
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	3 ##	0.5	0.417	0.5	0.25	0.021	0.144	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/11/74-09/14/79	3 ##	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	3 ##	1.	1.75	3.25	1.	1.688	1.299	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	3 ##	2.5	3.	4.	2.5	0.75	0.866	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/11/74-09/14/79	3 ##	1.5	1.333	1.5	1.	0.083	0.289	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/11/74-09/14/79	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	3 ##	0.5	0.417	0.5	0.25	0.021	0.144	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/11/74-09/14/79	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3 ##	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/11/74-09/14/79	3 ##	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/11/74-09/14/79	3 ##	10.	11.667	15.	10.	8.333	2.887	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3 ##	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	3 ##	2.5	2.167	2.5	1.5	0.333	0.577	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/11/74-09/14/79	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	06/11/74-09/14/79	3 ##	2.5	2.167	2.5	1.5	0.333	0.577	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/11/74-09/14/79	3 ##	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/11/74-07/20/76	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/11/74-09/14/79	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	08/05/96-08/05/96	1	261.	261.	261.	261.	0.	0.	**	**	**	**
50088	ACID VOLATILE SULFIDE TOT SED MMOL/KG	07/11/97-07/11/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/08/77-12/30/97	28	1830.	1947.143	3970.	390.	977521.016	988.697	739.6	1072.5	2535.	3420.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/17/97-01/28/98	3	2365.	2436.333	2690.	2254.	51340.333	226.584	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/05/96-01/28/98	5 ##	0.03	0.05	0.16	0.005	0.004	0.064	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/14/89-08/05/96	2 ##	1.803	1.803	3.6	0.005	6.462	2.542	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/05/96-08/05/96	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/11/74-09/14/79	5	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
72053	DAYS SINCE PRECIPITATION EVENT DAYS	08/21/91-10/20/97	18	5.	7.333	43.	1.	86.235	9.286	1.9	3.75	8.25	13.3
74069	FLOW, ESTIMATED STREAM CFS	08/21/91-12/09/96	6	47.5	73.333	150.	30.	2956.667	54.375	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	07/11/97-07/11/97	1	84.4	84.4	84.4	84.4	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/10/97-03/25/98	4	223.95	526.	1625.	31.1	567403.34	753.262	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: LAMR0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	82 &	50	0.61	47	34	0.72	35	16	0.46						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	149	1	0.01	84	0	0.00	65	1	0.02						
00400	PH	Fresh Chronic	9.	95	2	0.02	54	0	0.00	41	2	0.05						
		Other-Lo Lim.	6.5	95	2	0.02	54	0	0.00	41	2	0.05						
00403	PH, LAB	Fresh Chronic	9.	81	1	0.01	47	0	0.00	34	1	0.03						
		Other-Lo Lim.	6.5	81	0	0.00	47	0	0.00	34	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.	10	0	0.00	7	0	0.00	3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	49	1	0.02	30	1	0.03	19	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00	6	0	0.00	9	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.	108	15	0.14	61	3	0.05	47	12	0.26						
		Drinking Water	250.	108	87	0.81	61	40	0.66	47	47	1.00						

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

EPA Water Quality Criteria Analysis for Station: LAMR0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	32	0	0.00	19	0	0.00	13	0	0.00						
		Drinking Water	250.	32	24	0.75	19	11	0.58	13	13	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	100	70	0.70	55	27	0.49	45	43	0.96						
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									
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									
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									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	1	0.50	1	1	1.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	3	0.50	3	2	0.67	3	1	0.33						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	50	14	0.28	25	12	0.48	25	2	0.08						
31648	E. COLI, MTEC, MF	Other-Hi Lim.	126.	8	1	0.13	4	0	0.00	4	1	0.25						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.4	3	0	0.00	3	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	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	0 &	0	0.00												
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	3	0	0.00	3	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	3	0	0.00	3	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	1	0.50	1	0	0.00	1	1	1.00						
		Drinking Water	2.	2	1	0.50	1	0	0.00	1	1	1.00						
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									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	2	0.50				4	2	0.50						

& - 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 1968 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	2	6.	6.	8.	4.	8.	2.828	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	2	42.8	42.8	46.4	39.2	25.92	5.091	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	4	45.	47.5	75.	25.	575.	23.979	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	4	11.5	11.35	14.	8.4	6.757	2.599	**	**	**	**

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

Annual Analysis for 1969 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	13	16.7	13.862	24.	1.7	65.006	8.063	1.9	6.4	21.5	23.28
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	13	62.	56.938	75.2	35.	210.669	14.514	35.4	43.5	70.7	73.92
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	13	500.	2827.154	14750.	40.	20584941.141	4537.063	43.2	80.	5687.5	12100.
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	13	8.	7.923	11.	6.	2.244	1.498	6.	7.	9.	10.6

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

Annual Analysis for 1970 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	11	10.	9.691	22.2	0.	33.245	5.766	0.88	5.6	12.2	20.32
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	11	50.	49.455	72.	32.	107.873	10.386	33.6	42.	54.	68.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	11	60.	1501.636	14000.	25.	17315697.455	4161.213	26.	40.	625.	11440.
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	12	8.	8.167	12.	6.	3.424	1.85	6.	7.	9.	11.7

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

Annual Analysis for 1971 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	12	10.	12.875	28.9	0.	116.271	10.783	0.18	2.9	23.2	28.57
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	12	50.	55.167	84.	32.	376.879	19.413	32.3	37.25	73.75	83.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	12	240.	1913.333	12500.	20.	13860019.697	3722.905	23.	50.	2406.25	10400.
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	12	7.5	8.5	12.	6.	5.	2.236	6.	7.	10.75	12.

** - Less than 9 observations ## - Computed 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 1972 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	12	16.65	13.792	25.6	1.1	72.648	8.523	1.43	4.55	20.975	24.25
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	12	62.	56.833	78.	34.	234.515	15.314	34.6	40.25	69.75	75.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	10	190.	1423.	10000.	20.	9651684.444	3106.716	20.5	25.	1425.	9240.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	10	1825.	3670.	22000.	400.	42046222.222	6484.306	450.	900.	2562.5	20090.
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	12	7.	7.167	11.	4.	2.697	1.642	4.6	6.25	8.	10.1

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

Annual Analysis for 1973 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	12	10.8	15.225	31.7	1.1	125.697	11.211	2.09	5.725	27.05	31.19
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	12	51.5	59.417	89.	34.	406.992	20.174	35.8	42.25	80.75	88.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	12	20.	1364.333	15000.	2.	18518998.97	4303.371	2.9	10.	162.5	10800.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	8	2200.	2175.	3200.	900.	742142.857	861.477	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	12	9.25	9.292	13.	7.	3.657	1.912	7.	7.25	10.	12.7

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

Annual Analysis for 1974 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	9	12.8	11.122	23.3	0.	94.777	9.735	0.	0.55	21.15	23.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	9	55.	52.011	74.	32.	306.976	17.521	32.	33.	70.05	74.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	6	70.	1190.833	6000.	15.	5690834.167	2385.547	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	9	1200.	1374.444	2500.	800.	291877.778	540.257	800.	1000.	1760.	2500.
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	10	10.6	10.	12.	6.8	4.018	2.004	6.8	8.45	12.	12.

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

Annual Analysis for 1975 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	12	16.3	17.075	31.	2.8	93.737	9.682	3.46	9.325	24.75	31.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	12	61.	62.717	88.	37.	305.64	17.483	38.2	48.75	76.55	88.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	7	25.	237.857	1500.	5.	309990.476	556.768	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	11	1300.	1439.091	2150.	1030.	108509.091	329.407	1044.	1250.	1700.	2080.
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	12	12.	11.592	14.	7.	5.932	2.436	7.3	9.5	13.925	14.

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

Annual Analysis for 1976 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	9	19.5	19.244	28.	7.5	48.088	6.935	7.5	13.5	25.6	28.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	9	67.1	66.644	82.4	45.5	155.948	12.488	45.5	56.3	78.1	82.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	9	1500.	1427.778	2100.	100.	359444.444	599.537	100.	1175.	1900.	2100.
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	9	12.3	12.456	19.1	5.5	13.51	3.676	5.5	11.2	14.3	19.1

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

Annual Analysis for 1977 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	4	22.75	23.5	28.5	20.	17.833	4.223	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	4	72.95	74.3	83.3	68.	57.78	7.601	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	4	1900.	1737.5	2000.	1150.	157291.667	396.6	**	**	**	**

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

Annual Analysis for 1977 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	4	10.55	11.575	18.6	6.6	32.883	5.734	**	**	**	**

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

Annual Analysis for 1978 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	5	1.	1.2	2.	1.	0.2	0.447	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	4	19.35	19.3	23.	15.5	9.393	3.065	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	3	66.6	66.633	73.4	59.9	45.563	6.75	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	4	2610.	2605.	4200.	1000.	1923300.	1386.831	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	4	8.9	8.9	10.7	7.1	2.22	1.49	**	**	**	**

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

Annual Analysis for 1979 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	3	14.	10.833	17.	1.5	67.583	8.221	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	3	57.2	51.5	62.6	34.7	218.97	14.798	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	3	4700.	4303.333	8200.	10.	16887033.333	4109.384	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	3	1130.	1650.	3500.	320.	2730900.	1652.543	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	3	8.1	8.333	9.8	7.1	1.863	1.365	**	**	**	**

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

Annual Analysis for 1980 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	4	7.3	12.05	29.6	4.	142.837	11.951	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	4	45.15	53.7	85.3	39.2	463.153	21.521	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	2	412.5	412.5	475.	350.	7812.5	88.388	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	4	2422.	2413.5	2780.	2030.	94169.	306.87	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	4	10.45	9.85	11.4	7.1	3.763	1.94	**	**	**	**

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

Annual Analysis for 1981 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	5	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	3	15.	14.1	24.9	2.4	127.17	11.277	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	3	59.	57.367	76.8	36.3	412.063	20.299	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	3	250.	253.333	500.	10.	60033.333	245.017	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	2	3110.	3110.	5430.	790.	10764800.	3280.975	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	2	10.45	10.45	12.3	8.6	6.845	2.616	**	**	**	**

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

Annual Analysis for 1982 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	6	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 box-and-whisker plot

Annual Analysis for 1983 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	6	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 box-and-whisker plot

Annual Analysis for 1984 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	6	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 box-and-whisker plot

Annual Analysis for 1985 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	5	14.7	15.64	22.	8.9	31.153	5.581	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	5	58.5	60.16	71.6	48.	101.113	10.055	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	5	5040.	4972.	5260.	4470.	101170.	318.072	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	5	9.9	9.84	11.1	9.	0.683	0.826	**	**	**	**

** - Less than 9 observations ## - Computed 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 LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	6	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 box-and-whisker plot

Annual Analysis for 1987 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	8	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	1	13.	13.	13.	13.	0.	0.	**	**	**	**

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

Annual Analysis for 1988 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	8	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 box-and-whisker plot

Annual Analysis for 1989 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	4	26.05	26.225	30.7	22.1	16.703	4.087	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	4	2260.	2222.5	2540.	1830.	93958.333	306.526	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	4	6.85	6.7	7.2	5.9	0.393	0.627	**	**	**	**

** - Less than 9 observations ## - Computed 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 LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	5	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 box-and-whisker plot

Annual Analysis for 1991 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	1	28.5	28.5	28.5	28.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	1	565.	565.	565.	565.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**

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

Annual Analysis for 1992 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	1	28.7	28.7	28.7	28.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**

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

Annual Analysis for 1993 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	8	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	2	7.95	7.95	14.7	1.2	91.125	9.546	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	2	4045.	4045.	4070.	4020.	1250.	35.355	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	2	11.	11.	12.6	9.4	5.12	2.263	**	**	**	**

** - Less than 9 observations ## - Computed 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 LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	3	18.8	20.167	27.3	14.4	43.003	6.558	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	3	3080.	3014.333	4520.	1443.	2370216.333	1539.551	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	3	8.7	8.067	8.8	6.7	1.403	1.185	**	**	**	**

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

Annual Analysis for 1995 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	4	12.5	14.35	25.6	6.8	63.897	7.994	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	4	4570.	3841.5	5080.	1146.	3291275.667	1814.187	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	4	9.4	9.65	12.4	7.4	4.25	2.062	**	**	**	**

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

Annual Analysis for 1996 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	5	12.7	13.28	28.1	2.5	117.142	10.823	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	5	4090.	3725.8	5470.	1329.	2536728.2	1592.711	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	5	9.7	9.58	11.8	7.	4.187	2.046	**	**	**	**

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

Annual Analysis for 1997 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	12	1.5	1.5	2.	1.	0.273	0.522	1.	1.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	8	15.	14.075	24.	1.1	54.725	7.398	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	8	3140.	3262.75	4465.	1620.	947730.5	973.515	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	8	8.95	9.15	12.3	7.5	2.446	1.564	**	**	**	**

** - Less than 9 observations ## - Computed 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 1998 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	4	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	3	13.4	15.	20.6	11.	24.96	4.996	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	3	4285.	3810.	4495.	2650.	1020225.	1010.062	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	3	9.3	8.7	9.7	7.1	1.96	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 box-and-whisker plot

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	145	1.	1.055	2.	1.	0.052	0.229	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	82	21.1	20.309	31.7	6.1	44.036	6.636	10.33	14.925	25.125	28.67
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	63	70.	68.017	89.	43.	143.233	11.968	49.58	59.	75.2	83.72
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/23/70-06/23/98	38	21.5	111.921	1732.	0.	83243.534	288.52	3.	5.75	91.	324.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	48	287.5	2511.875	15000.	2.	18564651.899	4308.672	15.	45.75	2850.	10250.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/91-10/22/97	13	0.05	0.097	0.35	0.01	0.009	0.093	0.014	0.04	0.125	0.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	58	1800.	2080.638	5260.	100.	1749932.867	1322.85	799.	1087.5	3008.75	4472.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/68-04/22/87	48	1913.	2225.708	6068.	780.	1074618.339	1036.638	1043.4	1497.5	2792.	3451.8
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	84	8.	8.405	14.	5.5	3.998	2.	6.25	7.	9.475	11.55
00400	PH (STANDARD UNITS)	02/22/72-03/25/98	54	8.2	8.109	8.7	6.9	0.176	0.419	7.3	8.06	8.32	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/22/72-03/25/98	54	8.2	7.833	8.7	6.9	0.253	0.503	7.3	8.06	8.32	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/22/72-03/25/98	54	0.006	0.015	0.126	0.002	0.001	0.024	0.003	0.005	0.009	0.05
00403	PH, LAB, STANDARD UNITS SU	09/26/68-04/23/85	47	8.	7.951	8.8	7.3	0.131	0.362	7.38	7.7	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/68-04/23/85	47	8.	7.804	8.8	7.3	0.153	0.392	7.38	7.7	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/68-04/23/85	47	0.01	0.016	0.05	0.002	0.	0.014	0.004	0.006	0.02	0.042
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/29/76-01/28/98	25	184.	201.4	697.	90.	12313.083	110.964	128.8	147.	209.5	264.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/72-12/30/97	36	1040.	2734.25	22500.	5.	20573195.393	4535.768	15.1	86.75	2882.5	9369.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/12/72-12/30/97	35	72.	170.371	1520.	4.	81968.534	286.301	5.	13.	190.	494.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/72-01/28/98	38	0.055	0.35	7.	0.005	1.294	1.138	0.019	0.025	0.133	0.808
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/72-10/13/94	30	0.465	2.036	10.8	0.015	10.203	3.194	0.042	0.165	1.9	7.78
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/04/80-12/30/97	11	1.1	1.746	10.	0.24	7.883	2.808	0.248	0.32	1.39	8.464
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/04/80-01/28/98	6	0.05	0.11	0.44	0.01	0.027	0.164	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/12/72-04/23/85	24	6.56	8.038	30.	0.	57.353	7.573	0.37	1.765	11.99	20.7
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/73-04/23/85	21	0.36	3.851	23.5	0.015	42.859	6.547	0.024	0.09	6.	15.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/72-12/30/97	34	1.61	4.791	79.74	0.04	186.032	13.639	0.145	0.353	3.52	9.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/73-12/30/97	31	0.12	0.909	7.68	0.005	3.335	1.826	0.01	0.02	0.69	3.98
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/11/74-12/30/97	28	8.5	14.107	102.	0.5	393.729	19.843	0.5	3.5	15.75	35.1
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/68-01/28/98	61	298.	374.656	1169.	69.	56105.23	236.865	120.	198.5	548.5	728.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/68-01/28/98	55	246.	288.727	668.	69.	18089.684	134.498	129.	191.	388.	442.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/04/74-03/25/98	25	173.	448.6	1750.	4.	269321.25	518.962	20.	75.5	717.	1380.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/04/74-03/25/98	25	2.238	2.278	3.243	0.602	0.462	0.68	1.301	1.876	2.841	3.138
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			189.694								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/12/72-12/30/97	32	## 2.	10.839	233.	0.5	1660.949	40.755	0.5	1.	5.5	12.08
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/29/76-12/30/97	22	1.	3.258	19.3	0.	19.51	4.417	0.15	0.5	4.25	8.061
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/08/77-12/30/97	16	1180.	1406.25	3044.	390.	539911.4	734.787	632.2	853.	1860.	2698.2
72053	DAYS SINCE PRECIPITATION EVENT DAYS	08/21/91-10/20/97	9	4.	5.222	10.	1.	11.194	3.346	1.	2.5	9.	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 #2: 11/01 to 4/14 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/68-06/23/98	113	1.	1.035	2.	1.	0.034	0.186	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/68-03/25/98	65	6.1	7.995	21.5	0.	38.729	6.223	1.1	2.45	11.95	18.62
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/12/68-04/24/85	51	42.	45.127	70.7	32.	115.163	10.731	33.2	36.	51.8	62.92
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/23/70-06/23/98	35	20.	34.363	225.	0.7	2035.832	45.12	2.8	6.	44.	87.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/26/68-08/19/81	35	40.	278.8	5500.	5.	868871.282	932.133	10.	25.	105.	540.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/91-10/22/97	9	0.2	0.311	0.8	0.05	0.076	0.276	0.05	0.05	0.55	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/22/72-03/25/98	42	2425.	3284.333	22000.	1200.	10480490.374	3237.359	1300.	1615.	4221.25	4951.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/68-04/22/87	34	3681.	3736.941	9296.	1820.	1992277.875	1411.481	2267.	2640.	4139.25	5250.
00300	OXYGEN, DISSOLVED MG/L	09/26/68-03/25/98	65	10.	10.468	19.1	4.	7.46	2.731	7.	9.	12.	13.36
00400	PH (STANDARD UNITS)	02/22/72-03/25/98	41	8.	7.994	9.1	6.1	0.314	0.56	7.44	7.8	8.35	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/22/72-03/25/98	41	8.	7.393	9.1	6.1	0.684	0.827	7.44	7.8	8.35	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/22/72-03/25/98	41	0.01	0.04	0.794	0.001	0.018	0.135	0.003	0.004	0.016	0.037
00403	PH, LAB, STANDARD UNITS SU	09/26/68-04/23/85	34	8.1	8.012	9.2	7.1	0.168	0.41	7.5	7.775	8.225	8.45
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/68-04/23/85	34	8.1	7.832	9.2	7.1	0.202	0.449	7.5	7.775	8.225	8.45
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/68-04/23/85	34	0.008	0.015	0.079	0.001	0.	0.016	0.004	0.006	0.017	0.032

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Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/29/76-01/28/98	19	197.	237.632	1040.	124.	39154.135	197.874	124.	175.	230.	252.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/72-12/30/97	25	52.	707.6	12900.	3.	6786751.667	2605.139	11.2	14.5	165.	1386.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/12/72-12/30/97	25	10.	55.9	940.	0.5	35284.875	187.843	2.	5.	24.	96.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/72-01/28/98	27	0.22	3.004	15.7	0.005	21.26	4.611	0.009	0.05	5.	12.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/72-10/13/94	19	0.71	1.303	6.3	0.02	3.382	1.839	0.08	0.09	1.6	6.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/04/80-12/30/97	11	0.38	1.205	6.67	0.14	3.699	1.923	0.158	0.26	1.6	5.768
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/04/80-01/28/98	9	0.21	0.246	0.64	0.02	0.045	0.212	0.02	0.035	0.395	0.64
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/12/72-04/23/85	15	6.09	6.98	28.2	0.03	55.687	7.462	0.048	0.36	9.8	19.08
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/73-04/23/85	13	3.3	6.093	27.	0.03	58.114	7.623	0.03	0.06	9.1	21.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/72-12/30/97	25	0.34	1.736	9.22	0.01	6.295	2.509	0.02	0.03	3.125	5.766
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/12/73-12/30/97	24	0.095	1.138	8.82	0.005	4.144	2.036	0.01	0.013	1.935	3.55
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/11/74-12/30/97	23	3.	6.152	23.	0.5	54.942	7.412	0.5	0.5	13.	20.2
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/68-01/28/98	47	680.	723.957	1580.	284.	89708.563	299.514	341.2	530.	862.	1198.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/68-01/28/98	45	452.	462.	1340.	216.	36067.773	189.915	274.	333.	510.	672.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/04/74-03/25/98	25	8.	132.48	2100.	0.5	181795.76	426.375	1.	1.75	81.5	323.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/04/74-03/25/98	25	0.903	1.067	3.322	-0.301	0.865	0.93	0.	0.239	1.911	2.414
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.667								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/12/72-12/30/97	25	3.	20.031	359.	0.5	5060.413	71.137	0.5	0.75	8.	25.8
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/29/76-12/30/97	17 ##	1.	4.116	22.	0.	44.813	6.694	0.	0.5	6.79	18.32
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/08/77-12/30/97	12	2485.	2668.333	3970.	1440.	670178.788	818.644	1464.	2092.5	3365.	3859.
72053	DAYS SINCE PRECIPITATION EVENT DAYS	08/21/91-10/20/97	9	5.	9.444	43.	2.	162.028	12.729	2.	4.5	8.	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 box-and-whisker plot

Station Inventory for Station: LAMR0082

NPS Station ID: LAMR0082
LAT/LON: 35.470281/-101.879170
Agency: 112WRD
Date Created: / /
Location: CANADIAN RIVER NR AMARILLO, TX
FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 07227500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 11090105
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 11090105
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	259	16.	15.547	32.5	0.	84.037	9.167	2.5	7.5	23.	27.5
00025	BAROMETRIC PRESSURE (MM OF HG)	10/28/82-02/19/97	86	684.5	686.442	762.	668.	130.814	11.437	676.	680.	691.	698.3
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	655	68.	416.111	12500.	2.	1188547.76	1090.205	11.	21.	374.	947.
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	551	182.	2123.253	56200.	0.03	31476916.598	5610.429	9.	30.	1290.	5986.
00065	STAGE, STREAM (FEET)	07/27/83-03/14/85	10	2.295	2.203	2.7	1.43	0.174	0.417	1.469	1.835	2.635	2.695
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/70-08/24/78	46	30.	773.413	11000.	1.	5416646.514	2327.369	6.7	15.	212.5	1960.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/20/78-08/26/86	46	60.	1592.961	24000.	3.	20529321.81	4530.929	4.42	21.5	240.	5690.
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/70-08/26/86	93	10.	57.306	2500.	0.	71159.049	266.757	0.	5.	20.	86.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	915	1680.	1927.172	6250.	14.	1064662.444	1031.825	856.	1210.	2440.	3294.
00300	OXYGEN, DISSOLVED MG/L	09/20/64-02/19/97	166	10.55	10.773	18.5	0.3	8.628	2.937	7.27	8.5	13.	14.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/14/68-03/21/83	82	101.5	110.915	218.	64.	958.178	30.954	81.3	87.	127.5	159.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/14/68-08/25/94	154	2.75	5.905	79.	0.	82.689	9.093	0.65	1.3	7.225	14.
00335	COD, .025N K2CR2O7 MG/L	10/14/70-08/09/72	11	26.	34.727	99.	3.	735.418	27.119	4.4	14.	51.	89.6
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	860	7.7	7.68	8.9	6.3	0.264	0.513	6.9	7.3	8.1	8.3
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	860	7.7	7.369	8.9	6.3	0.36	0.6	6.9	7.3	8.1	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	860	0.02	0.043	0.501	0.001	0.004	0.061	0.005	0.008	0.05	0.126
00403	PH, LAB, STANDARD UNITS SU	12/04/80-07/11/96	100	8.2	8.142	8.7	7.4	0.057	0.239	7.9	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	12/04/80-07/11/96	100	8.2	8.068	8.7	7.4	0.063	0.251	7.9	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/80-07/11/96	100	0.006	0.009	0.04	0.002	0.	0.006	0.004	0.005	0.01	0.013
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	125	3.2	7.496	212.	0.4	393.235	19.83	1.36	2.	6.65	13.8
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	486	180.	180.957	327.	16.	1088.94	32.999	144.	164.	195.	217.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/08/80-10/08/80	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	761	224.	232.435	530.	0.	2894.493	53.8	179.2	200.	255.	290.8
00445p	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	628	0.	0.685	31.	0.	9.805	3.131	0.	0.	0.	0.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/15/94-12/10/96	14	0.	2.143	10.	0.	13.055	3.613	0.	0.	6.25	8.5
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/15/94-12/10/96	14	224.5	207.071	284.	99.	3690.533	60.75	99.5	175.75	244.25	277.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/14/70-08/11/71	6	69.	487.167	1900.	17.	580460.967	761.88	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/70-08/26/86	93	84.	2368.473	69200.	2.	68858659.622	8298.112	12.2	28.	511.	6490.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/27/71-08/26/86	86	12.	245.657	9920.	0.	1202972.566	1096.801	3.7	6.	75.5	516.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/79-08/23/85	29	124.	1976.483	15900.	0.	19412294.687	4405.939	2.	26.	961.5	12700.
00600	NITROGEN, TOTAL (MG/L AS N)	05/01/74-03/21/83	49	2.4	4.145	20.	0.11	22.273	4.719	0.4	0.735	5.9	10.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/14/70-03/21/83	73	0.95	1.411	9.9	0.	3.72	1.929	0.182	0.34	1.5	2.64
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/13/93-11/07/96	23	0.03	0.102	1.	0.008	0.063	0.25	0.008	0.008	0.05	0.49
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/16/69-11/17/92	136	0.13	1.78	34.	0.	18.087	4.253	0.02	0.05	1.2	5.94
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/63-11/07/96	106	0.005	0.113	2.6	0.	0.137	0.37	0.	0.	0.015	0.37
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/16/69-11/17/92	136	0.04	0.18	3.2	0.	0.154	0.392	0.005	0.01	0.15	0.56
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/27/60-08/17/68	20	4.3	4.373	14.	0.11	13.577	3.685	0.648	1.675	4.875	10.83
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	207	1.5	2.424	13.	0.	6.398	2.529	0.188	0.7	3.4	6.2

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

Parameter Inventory for Station: LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/20/78-11/07/96	24	0.155	0.305	1.3	0.1	0.109	0.33	0.1	0.1	0.3	1.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/74-11/17/92	110	0.9	2.726	36.	0.	24.762	4.976	0.3	0.48	2.9	7.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/74-11/17/92	109	0.21	0.612	5.3	0.	1.086	1.042	0.03	0.055	0.625	1.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/13/93-11/07/96	23	0.1	0.242	0.7	0.025	0.056	0.236	0.025	0.05	0.4	0.66
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	165	5.4	6.799	24.	0.06	36.443	6.037	0.416	0.78	12.	16.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/69-11/17/92	137	0.59	1.888	17.	0.005	9.115	3.019	0.03	0.09	2.25	5.62
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/78-11/07/96	24	0.02	0.032	0.21	0.005	0.003	0.05	0.005	0.005	0.03	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/13/93-11/07/96	23	0.01	0.028	0.22	0.005	0.003	0.057	0.005	0.005	0.02	0.13
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/25/72-08/26/86	77	7.8	14.651	81.	1.7	334.374	18.286	2.5	3.7	16.	39.6
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	760	303.	325.176	1300.	36.	21649.7	147.138	158.	220.	419.5	500.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	740	106.5	140.549	1100.	0.	19186.013	138.514	0.	34.	213.75	310.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	824	74.	81.838	360.	5.9	1537.893	39.216	40.	54.	104.	130.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	824	32.	32.155	98.	2.5	228.649	15.121	13.	20.	41.	50.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	694	244.	291.062	990.	21.	31546.472	177.613	122.	165.	360.	556.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	672	6.35	6.564	17.	0.8	5.279	2.298	3.8	5.	7.9	9.7
00932p	SODIUM, PERCENT	10/19/48-01/06/83	328	66.	65.36	89.	43.	42.115	6.49	56.	63.	69.	72.
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	144	312.5	336.111	950.	58.	30311.4	174.102	140.	212.5	457.5	545.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	305	6.9	8.486	76.	1.2	34.071	5.837	3.7	5.2	11.	15.
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	902	255.	337.664	1500.	6.	68713.3	262.132	100.	142.	440.	695.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	896	240.	271.696	1500.	10.	25774.48	160.544	99.	150.	364.75	472.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	728	0.9	1.201	7.	0.05	0.663	0.814	0.5	0.6	1.6	2.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	844	18.	22.913	87.	0.4	185.291	13.612	11.	13.	28.	45.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/14/70-06/05/96	71	3.	3.838	10.	0.	7.541	2.746	0.5	2.	5.	9.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/06/76-06/05/96	48	155.	179.958	800.	50.	18686.722	136.699	50.	93.	275.	304.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/14/89-07/16/91	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	01/16/74-02/18/76	8	430.	460.	610.	260.	14200.	119.164	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/14/70-06/05/96	71 ##	0.5	0.535	5.	0.	0.588	0.767	0.	0.	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/28/71-06/05/96	70 ##	0.5	2.764	30.	0.	25.643	5.064	0.	0.	5.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/14/70-10/14/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/28/71-01/28/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/14/70-07/16/91	25 ##	0.	0.36	2.	0.	0.469	0.685	0.	0.	0.5	1.7
01040	COPPER, DISSOLVED (UG/L AS CU)	10/14/70-06/05/96	71	4.	4.183	27.	0.	22.359	4.729	0.5	1.	5.	8.8
01046	IRON, DISSOLVED (UG/L AS FE)	10/14/70-06/05/96	71	20.	60.444	720.	0.	15885.461	126.038	5.	5.	41.	146.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/14/70-06/05/96	71 ##	0.5	2.007	26.	0.	14.011	3.743	0.	0.	2.5	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/14/70-06/05/96	71	20.	52.176	430.	0.	5822.422	76.305	3.	5.	80.	140.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/14/89-07/16/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/14/70-07/16/91	25	2.	3.08	12.	0.	13.16	3.628	0.	0.	6.	8.8
01075	SILVER, DISSOLVED (UG/L AS AG)	10/06/76-06/05/96	49 ##	0.5	0.296	0.5	0.	0.062	0.248	0.	0.	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/14/70-07/16/91	25	1600.	1636.4	2700.	200.	417624.	646.238	684.	1300.	2200.	2520.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/14/89-07/16/91	2	23.	23.	39.	7.	512.	22.627	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/14/70-06/05/96	71	10.	17.359	100.	0.	418.894	20.467	1.5	5.	20.	40.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/14/70-08/03/76	23	30.	61.739	460.	10.	10133.202	100.664	10.	10.	50.	188.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/14/70-07/16/91	25	70.	65.68	100.	17.	498.643	22.33	32.	52.5	85.	90.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/06/76-06/05/96	48 ##	0.5	0.615	1.	0.	0.066	0.258	0.5	0.5	1.	1.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/14/70-12/06/73	13	1.	1.692	6.	0.	4.564	2.136	0.	0.	3.5	5.6
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	150	0.155	0.566	3.9	0.	0.897	0.947	0.	0.09	0.683	2.06
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/24/78-06/09/81	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	11/14/89-08/25/94	30	189.	179.867	251.	96.	1571.292	39.64	108.8	155.	201.5	228.7
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/15/94-02/19/97	15	197.	175.333	233.	82.	2248.667	47.42	86.2	172.	201.	225.8
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/18/76-06/09/81	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/04/80-06/09/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	52	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	37	0.	0.035	0.2	0.	0.005	0.072	0.	0.	0.	0.2
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/22/68-06/09/81	52	0.	0.014	0.08	0.	0.	0.022	0.	0.	0.02	0.047
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/14/70-06/09/81	37	0.	0.035	0.2	0.	0.005	0.072	0.	0.	0.	0.2
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/04/68-06/09/81	44	0.	0.003	0.1	0.	0.	0.016	0.	0.	0.	0.
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/14/70-06/09/81	37	0.	0.581	15.	0.	6.063	2.462	0.	0.	0.25	1.
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	52	0.	0.	0.01	0.	0.	0.002	0.	0.	0.	0.
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	37	0.	0.038	0.2	0.	0.006	0.076	0.	0.	0.	0.2
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	52	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	37	0.	0.038	0.2	0.	0.005	0.072	0.	0.	0.05	0.2
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	52	0.	0.001	0.02	0.	0.	0.004	0.	0.	0.	0.007
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	37	0.	0.046	0.5	0.	0.011	0.104	0.	0.	0.	0.2

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

Parameter Inventory for Station: LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	52	0.	0.002	0.02	0.	0.	0.005	0.	0.	0.	0.01
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/14/70-06/09/81	36	0.	0.064	1.1	0.	0.037	0.191	0.	0.	0.	0.2
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	02/09/77-06/09/81	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/80-06/09/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	52	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	37	0.	0.035	0.2	0.	0.005	0.072	0.	0.	0.	0.2
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/15/75-06/09/81	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/09/70-06/09/81	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/14/70-06/09/81	27	0.	0.556	5.	0.	2.564	1.601	0.	0.	0.	5.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	52	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	37	0.	0.035	0.2	0.	0.005	0.072	0.	0.	0.	0.2
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	52	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/14/70-06/09/81	37	0.	0.035	0.2	0.	0.005	0.072	0.	0.	0.	0.2
39430	ISODRIN IN WHOLE WATER SAMPLE (UG/L)	12/04/68-12/04/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/31/79-06/09/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/31/79-06/09/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/71-06/09/81	32	0.	0.097	3.	0.	0.281	0.53	0.	0.	0.	0.
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/28/71-06/09/81	31	0.	3.419	100.	0.	322.118	17.948	0.	0.	0.	0.8
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/08/71	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/08/71	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	40	0.035	0.049	0.25	0.	0.004	0.06	0.	0.	0.078	0.127
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/14/70-06/08/71	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	51	0.04	0.098	1.	0.	0.034	0.184	0.	0.	0.1	0.32
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/14/70-06/08/71	3 ##	1.3	1.45	2.75	0.3	1.518	1.232	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	51	0.	0.03	0.66	0.	0.009	0.094	0.	0.	0.02	0.078
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/14/70-06/08/71	3 ##	0.35	0.267	0.4	0.05	0.036	0.189	**	**	**	**
39755	MIREX, TOTAL (UG/L)	02/09/78-06/09/81	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/04/80-06/09/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	51	0.	0.022	0.16	0.	0.002	0.04	0.	0.	0.02	0.098
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/14/70-06/08/71	3 ##	0.25	0.233	0.4	0.05	0.031	0.176	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/15/75-06/09/81	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/15/75-06/09/81	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	206	1015.	1043.684	2810.	302.	171485.232	414.108	528.7	731.	1372.5	1580.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	469	1140.	1326.386	4170.	225.	517566.451	719.421	562.	794.	1750.	2380.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	543	212.	671.244	11900.	0.23	1552784.817	1246.108	28.44	76.	722.	1696.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	560	1.48	1.898	89.	0.31	21.859	4.675	0.76	1.06	2.08	2.65
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/49-07/12/50	12	88.5	82.917	99.	57.	215.356	14.675	57.9	68.25	94.5	98.1
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/10/49-07/12/50	12	94.5	91.75	100.	81.	50.932	7.137	81.	83.5	97.75	99.4
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/17/49-07/12/50	10	98.	97.1	99.	91.	7.211	2.685	91.3	95.5	99.	99.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/17/49-07/12/50	10	100.	99.7	100.	97.	0.9	0.949	97.3	100.	100.	100.
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	10/10/49-07/07/50	10	50.	46.2	82.	22.	347.956	18.654	22.3	25.	56.25	79.5
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/10/49-07/12/50	23	61.	60.	99.	16.	743.909	27.275	25.4	31.	89.	94.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/10/49-07/07/50	10	80.	67.5	100.	31.	610.278	24.704	31.4	38.	84.	98.7
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/10/49-07/12/50	22	85.	75.727	99.	31.	494.398	22.235	40.2	57.25	96.5	99.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/10/49-07/07/50	9	88.	81.222	98.	48.	223.444	14.948	48.	75.	91.	98.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/90-11/17/92	13	0.01	0.083	0.69	0.005	0.037	0.192	0.005	0.005	0.03	0.506
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/26/79-12/04/80	11	0.1	0.431	2.1	0.	0.455	0.674	0.	0.02	0.8	1.92
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	201	11.	18.891	98.	0.	429.18	20.717	2.8	4.2	25.5	50.8
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	401	12.	23.3	98.	0.	612.846	24.756	2.	4.1	38.	63.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/01/63-04/30/68	127	0.01	0.4	11.	0.	2.166	1.472	0.	0.	0.05	0.416
71870	BROMIDE (MG/L AS BR)	09/20/64-09/21/64	2	0.515	0.515	0.66	0.37	0.042	0.205	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/26/79-08/23/85	33	0.58	4.007	27.	0.03	51.81	7.198	0.06	0.12	2.65	16.6
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/01/74-03/21/83	49	11.	18.263	87.	0.5	428.166	20.692	1.8	3.25	26.	46.
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/28/71-06/05/96	69 ##	0.1	0.169	0.9	0.	0.03	0.174	0.05	0.05	0.25	0.3
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/70-10/14/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	288	13300.	17917.101	146900.	20.	406900500.014	20171.775	800.	3400.	25900.	37320.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/27/44-08/18/80	3	8600.	63200.253	181000.	0.7610426071968.193		102108.139	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	12/04/80-06/09/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/02/81-06/09/81	5	2.9	3.14	3.7	2.6	0.273	0.522	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	12/04/80-06/09/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0082

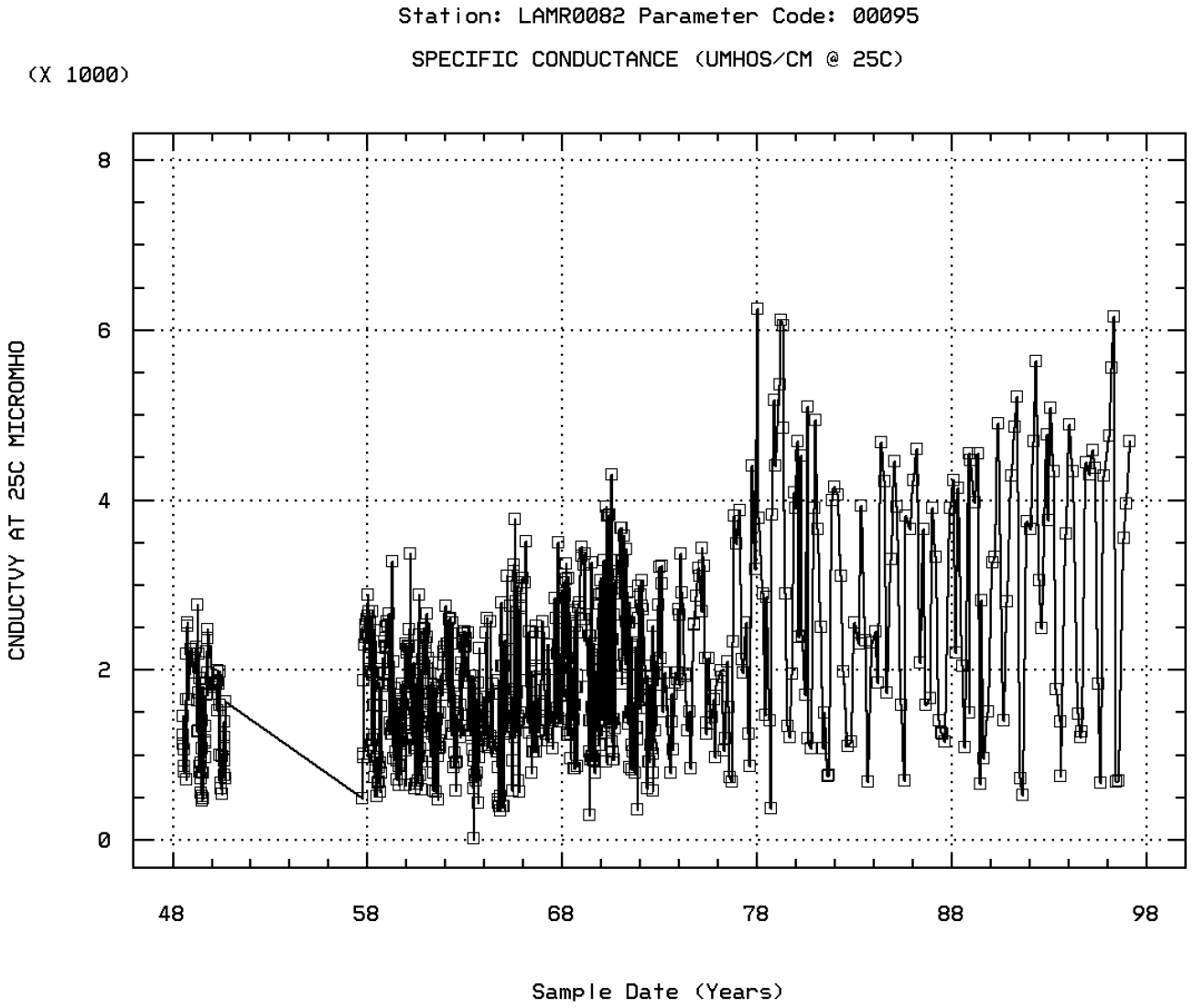
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	46	19	0.41	28	15	0.54	18	4	0.22						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	46	26	0.57	27	15	0.56	19	11	0.58						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	166	1	0.01	92	1	0.01	74	0	0.00						
00400	PH	Fresh Chronic	9.	860	0	0.00	535	0	0.00	325	0	0.00						
		Other-Lo Lim.	6.5	860	11	0.01	535	9	0.02	325	2	0.01						
00403	PH, LAB	Fresh Chronic	9.	100	0	0.00	53	0	0.00	47	0	0.00						
		Other-Lo Lim.	6.5	100	0	0.00	53	0	0.00	47	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	106	5	0.05	63	1	0.02	43	4	0.09						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	136	6	0.04	76	5	0.07	60	1	0.02						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	20	2	0.10	18	2	0.11	2	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	207	3	0.01	130	0	0.00	77	3	0.04						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	109	0	0.00	61	0	0.00	48	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	23	0	0.00	12	0	0.00	11	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	902	59	0.07	572	19	0.03	330	40	0.12						
		Drinking Water	250.	902	472	0.52	572	222	0.39	330	250	0.76						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	896	436	0.49	570	198	0.35	326	238	0.73						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	728	7	0.01	444	4	0.01	284	3	0.01						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	71	0	0.00	44	0	0.00	27	0	0.00						
		Drinking Water	50.	71	0	0.00	44	0	0.00	27	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	48	0	0.00	28	0	0.00	20	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	4.	2	0	0.00	1	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	71	1	0.01	44	0	0.00	27	1	0.04						
		Drinking Water	5.	71	1	0.01	44	0	0.00	27	1	0.04						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	70	0	0.00	43	0	0.00	27	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	71	2	0.03	44	1	0.02	27	1	0.04						
		Drinking Water	1300.	71	0	0.00	44	0	0.00	27	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	71	0	0.00	44	0	0.00	27	0	0.00						
		Drinking Water	15.	71	1	0.01	44	1	0.02	27	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	25	0	0.00	17	0	0.00	8	0	0.00						
		Drinking Water	100.	25	0	0.00	17	0	0.00	8	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	49	0	0.00	28	0	0.00	21	0	0.00						
		Drinking Water	100.	49	0	0.00	28	0	0.00	21	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	71	0	0.00	44	0	0.00	27	0	0.00						
		Drinking Water	5000.	71	0	0.00	44	0	0.00	27	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	48	0	0.00	28	0	0.00	20	0	0.00						
		Drinking Water	50.	48	0	0.00	28	0	0.00	20	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	52	0	0.00	34	0	0.00	18	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	52	0	0.00	34	0	0.00	18	0	0.00						
		Drinking Water	0.2	52	0	0.00	34	0	0.00	18	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	44	0	0.00	30	0	0.00	14	0	0.00						
		Drinking Water	2.	44	0	0.00	30	0	0.00	14	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	52	0	0.00	34	0	0.00	18	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	52	0	0.00	34	0	0.00	18	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	52	0	0.00	34	0	0.00	18	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	52	0	0.00	34	0	0.00	18	0	0.00						
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	14	0	0.00	8	0	0.00	6	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	52	0	0.00	34	0	0.00	18	0	0.00						
		Drinking Water	2.	52	0	0.00	34	0	0.00	18	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	30	0	0.00	21	0	0.00	9	0	0.00						
		Drinking Water	3.	30	0	0.00	21	0	0.00	9	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	52	0	0.00	34	0	0.00	18	0	0.00						
		Drinking Water	0.4	52	0	0.00	34	0	0.00	18	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	52	0	0.00	34	0	0.00	18	0	0.00						
		Drinking Water	0.2	52	0	0.00	34	0	0.00	18	0	0.00						

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

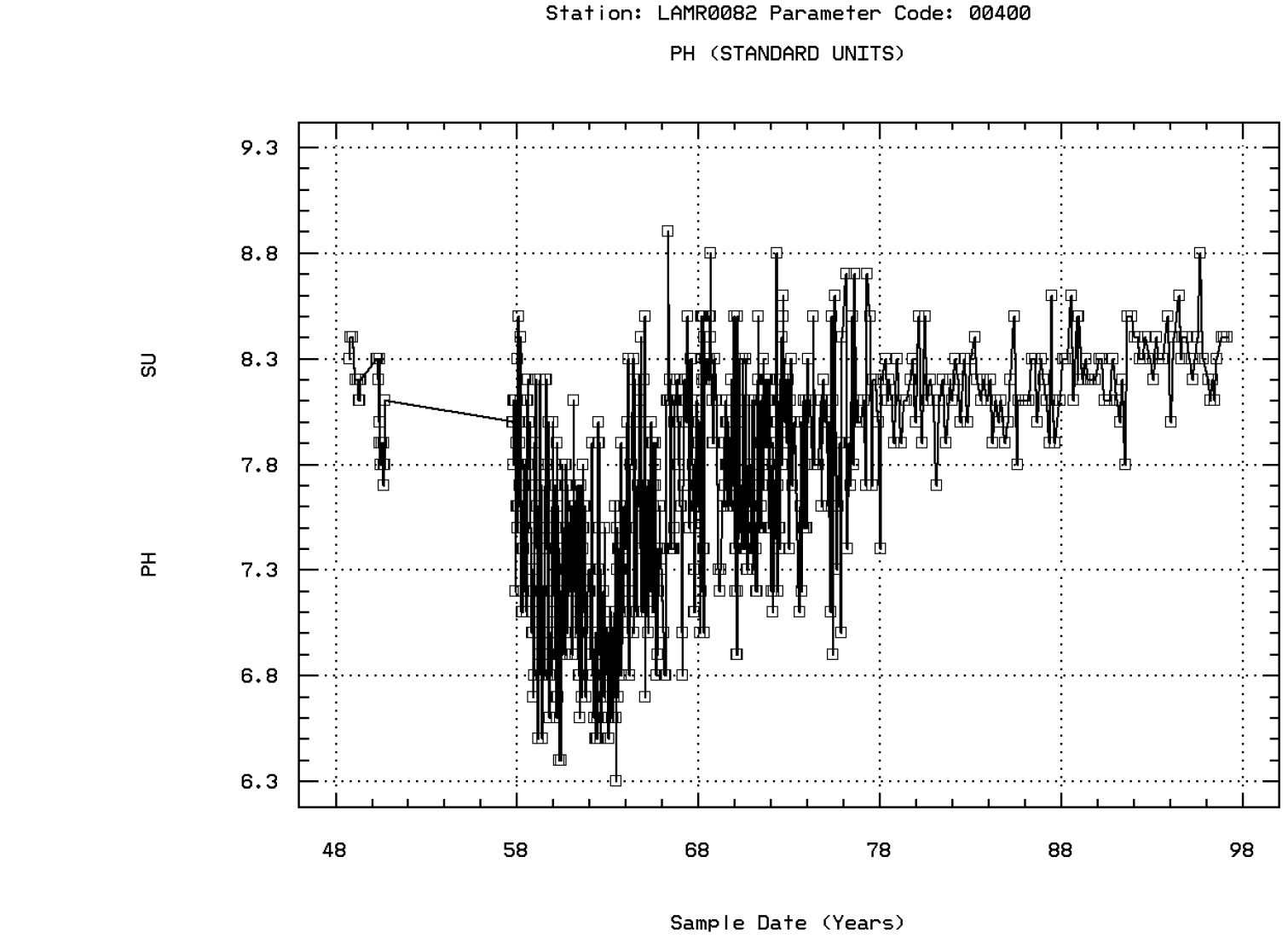
EPA Water Quality Criteria Analysis for Station: LAMR0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	5	0	0.00	2	0	0.00	3	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	40	0	0.00	27	0	0.00	13	0	0.00						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	51	0	0.00	33	0	0.00	18	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	51	0	0.00	33	0	0.00	18	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	201	25	0.12	117	9	0.08	84	16	0.19						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	401	89	0.22	256	34	0.13	145	55	0.38						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	127	6	0.05	81	1	0.01	46	5	0.11						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	69	0	0.00	43	0	0.00	26	0	0.00						
		Drinking Water	2.	69	0	0.00	43	0	0.00	26	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									

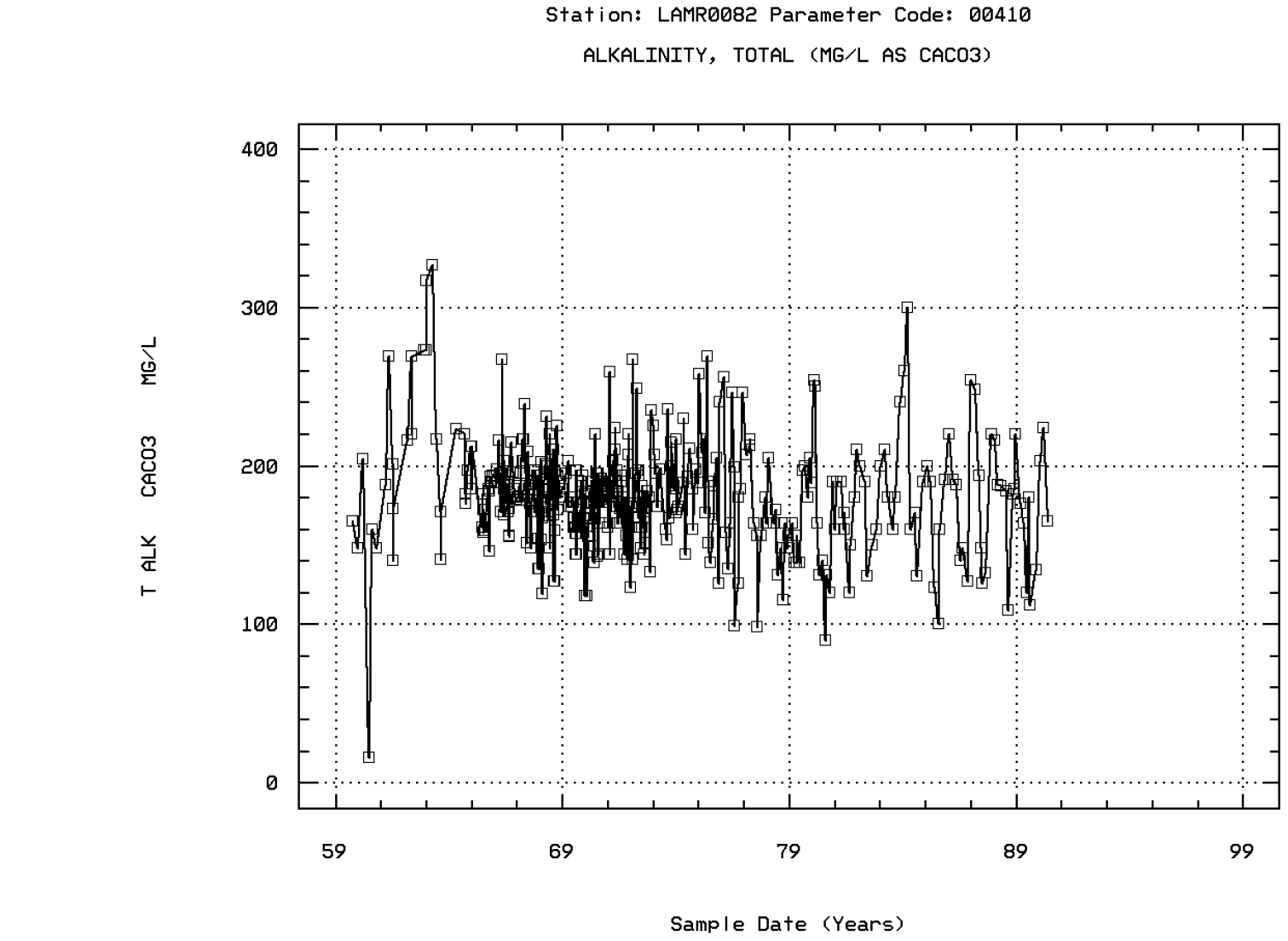
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



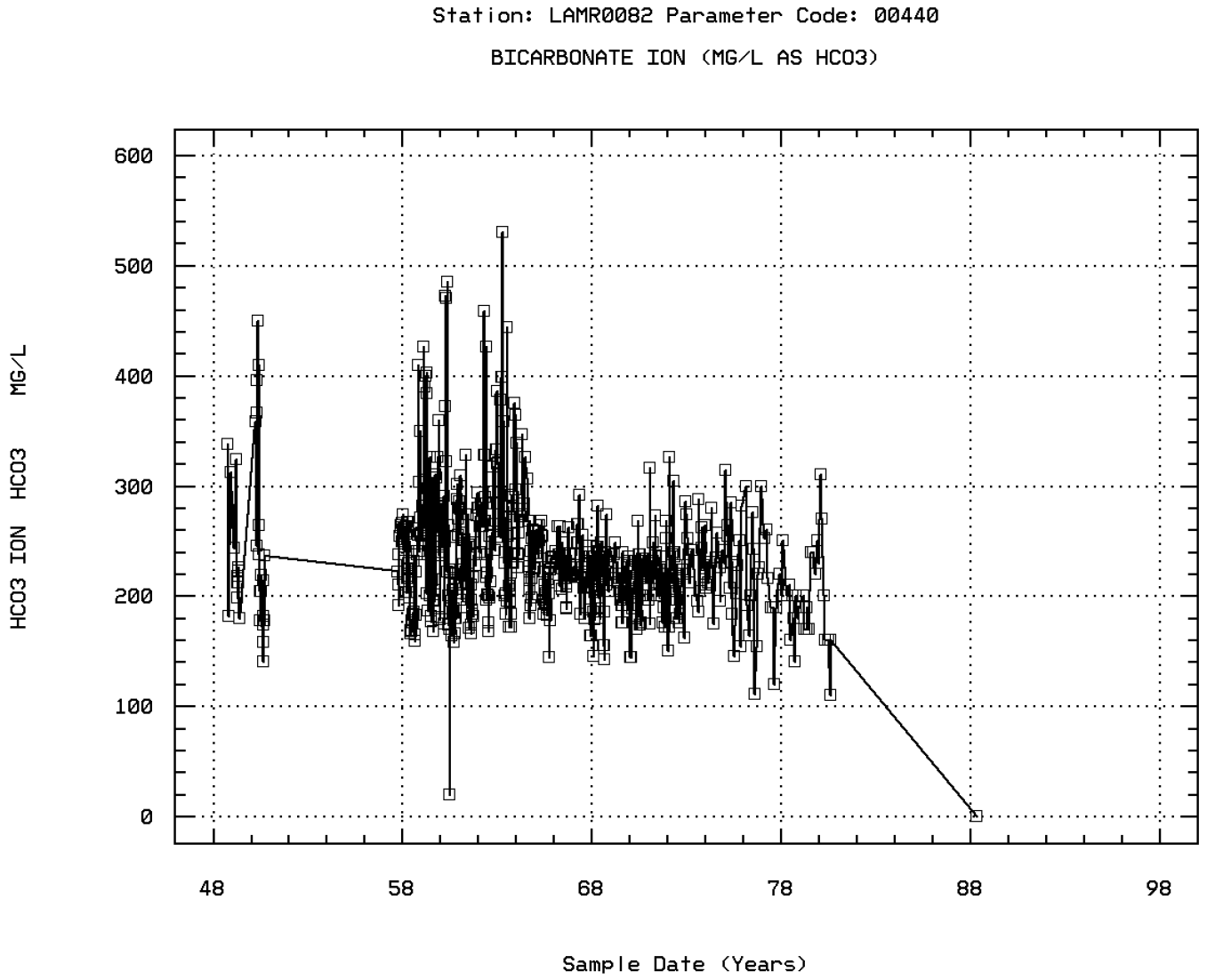
CANADIAN RIVER NR AMARILLO, TX



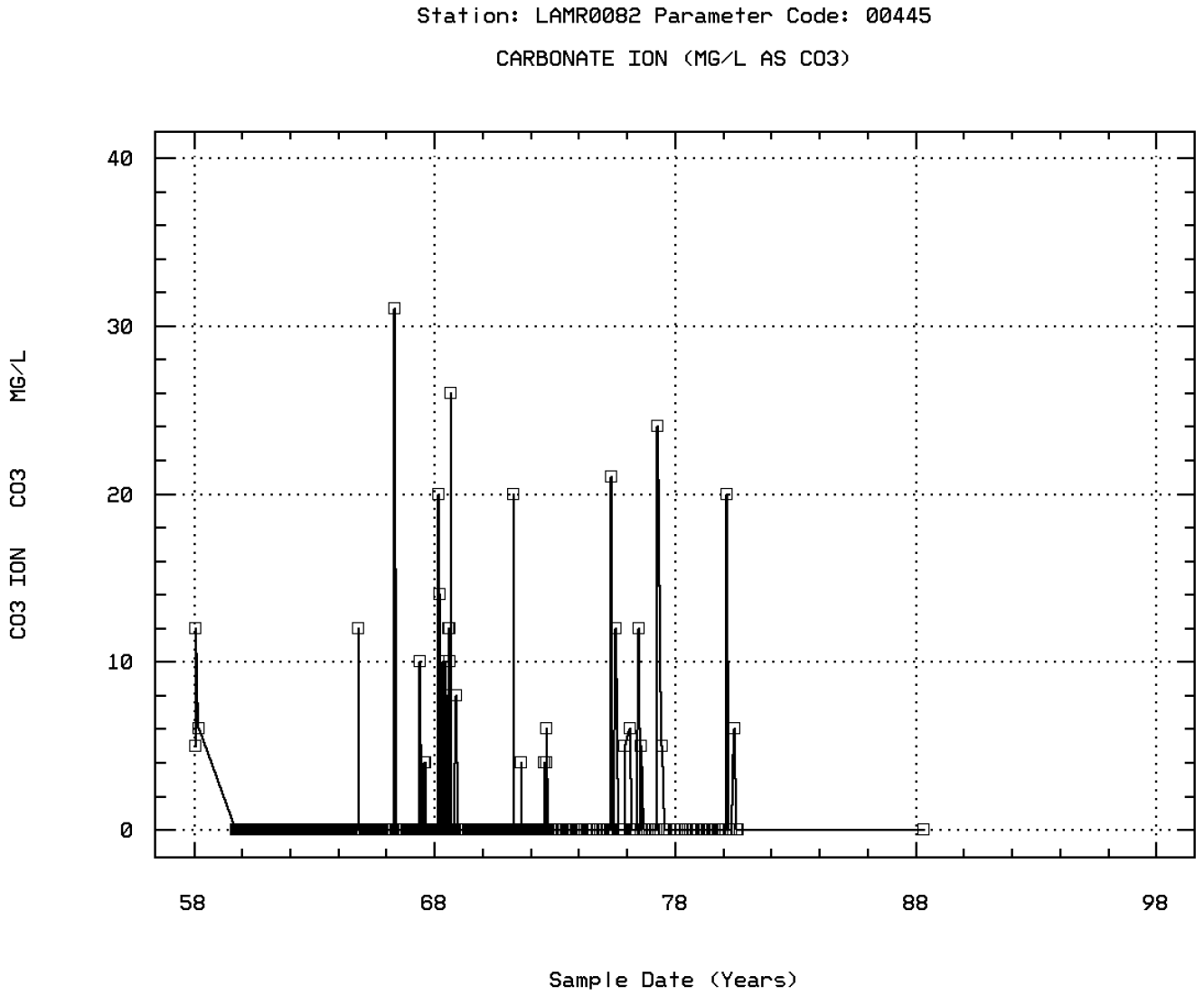
CANADIAN RIVER NR AMARILLO, TX



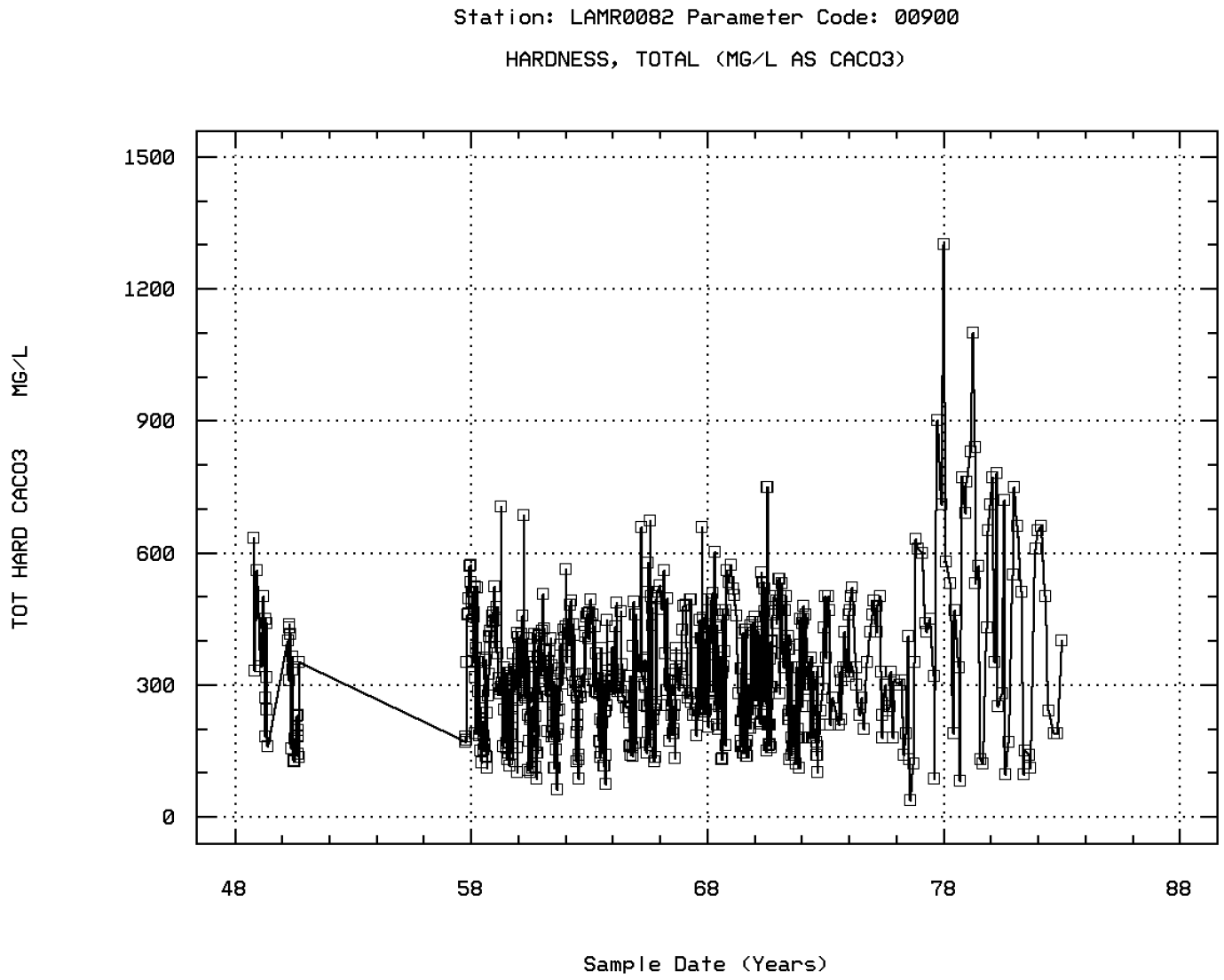
CANADIAN RIVER NR AMARILLO, TX



CANADIAN RIVER NR AMARILLO, TX



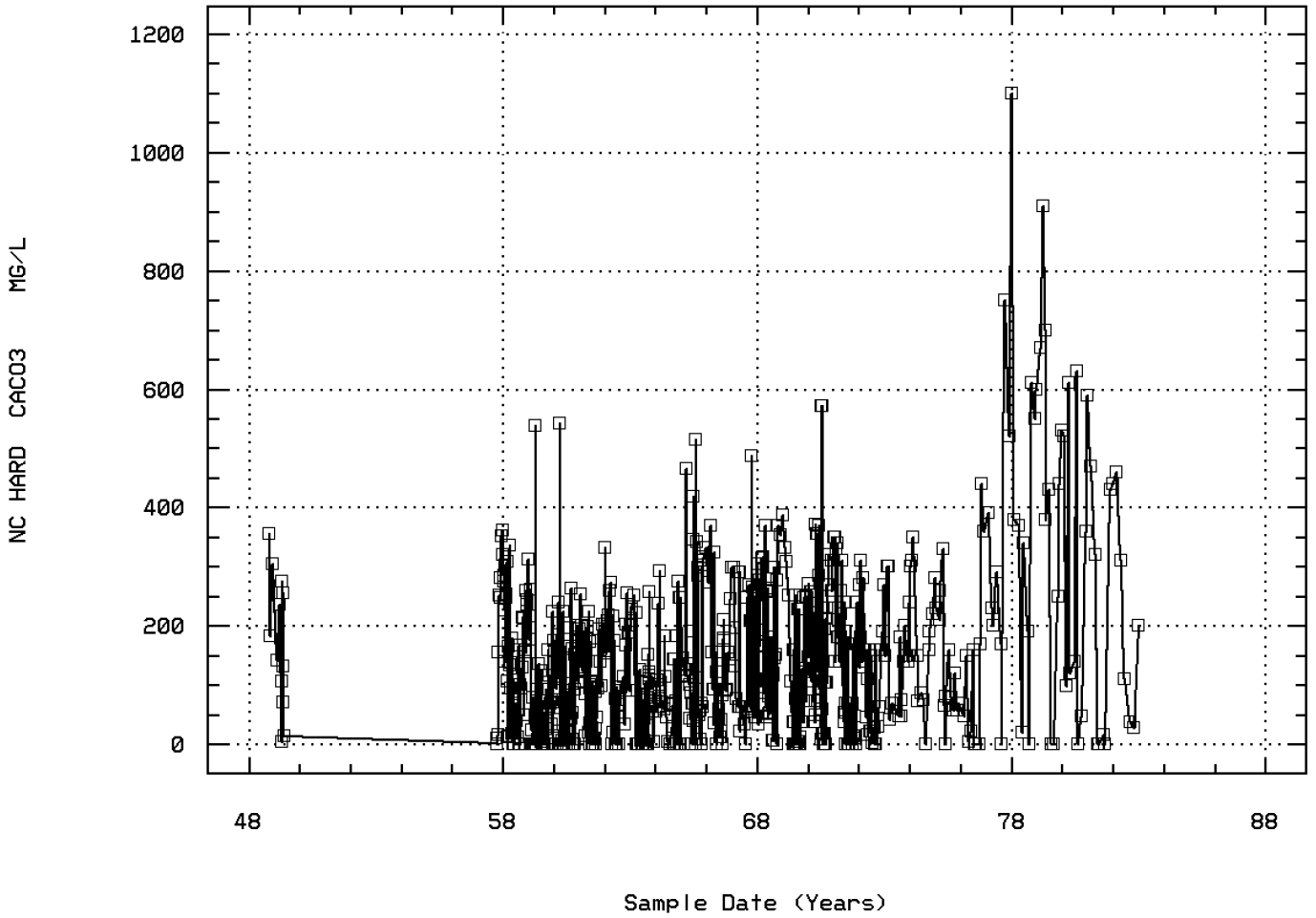
CANADIAN RIVER NR AMARILLO, TX



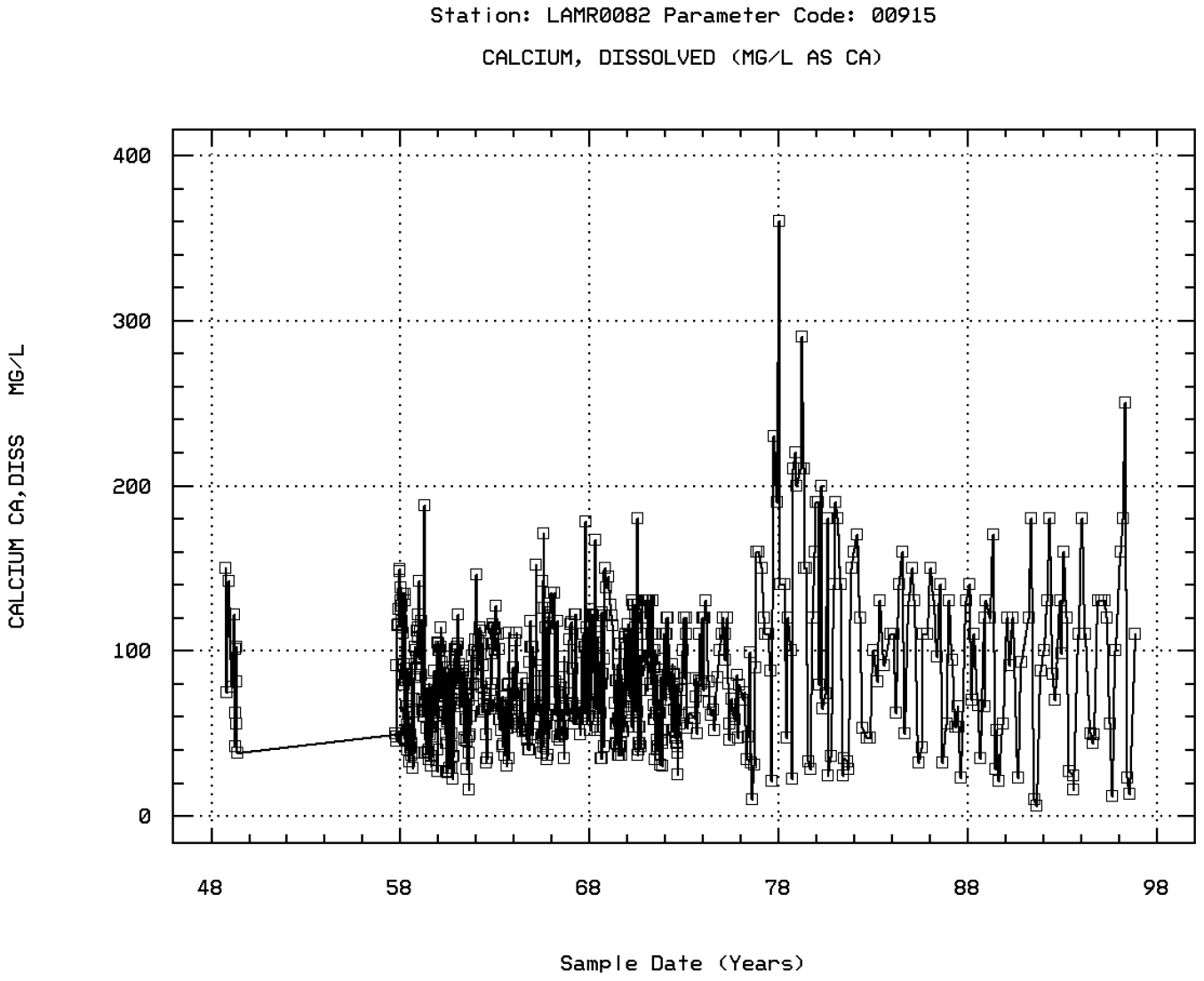
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00902

HARDNESS, NON-CARBONATE (MG/L AS CACO3)



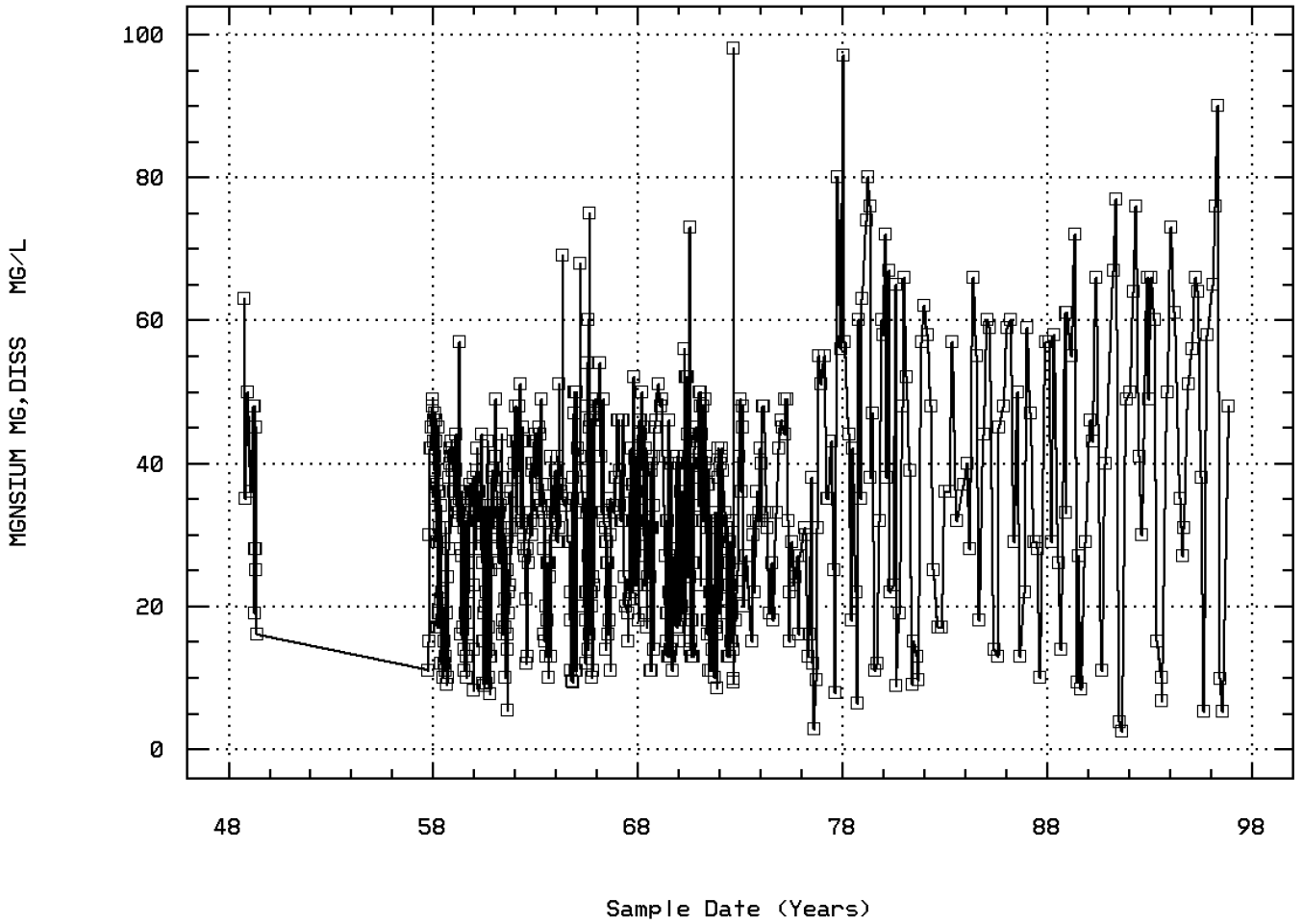
CANADIAN RIVER NR AMARILLO, TX



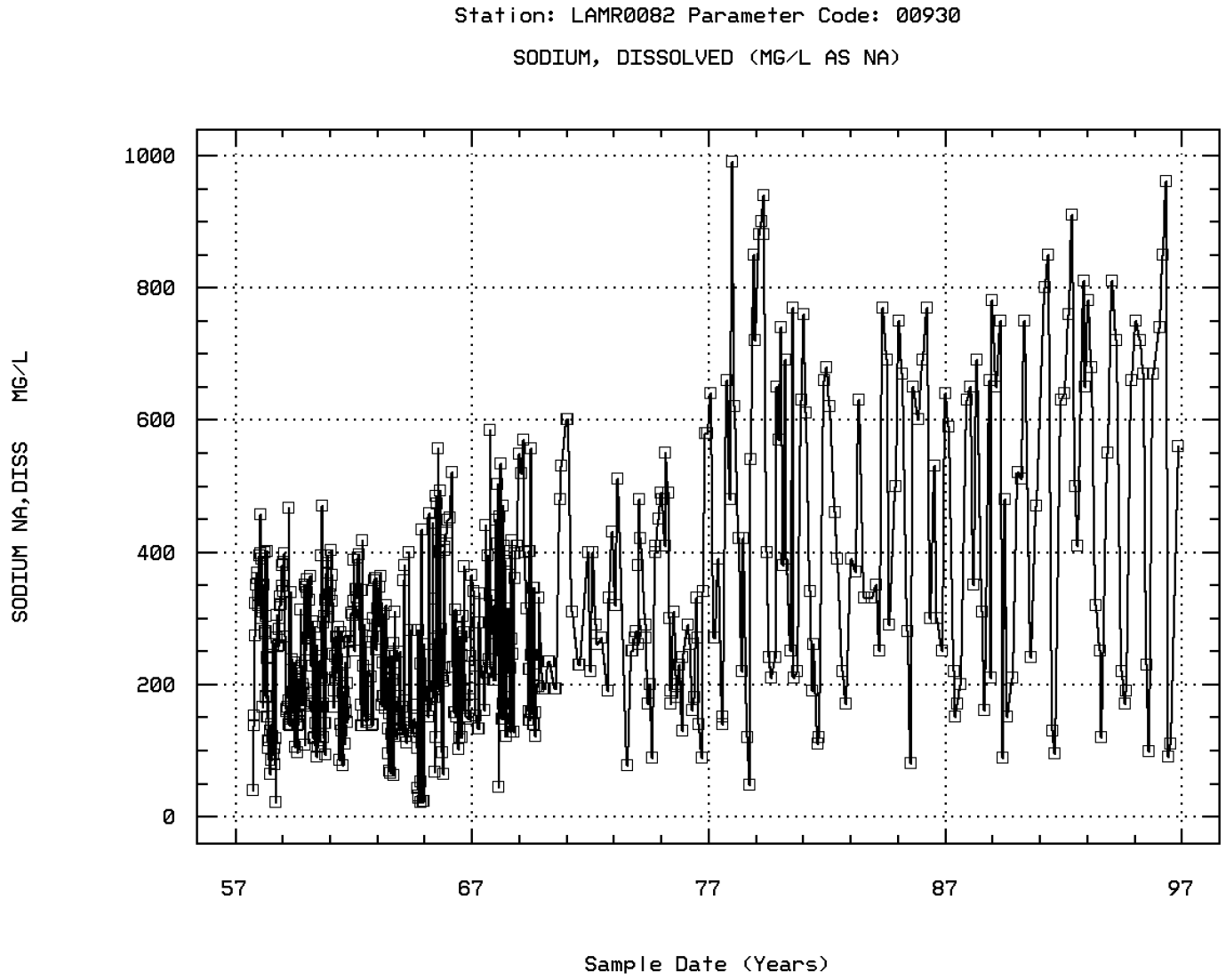
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00925

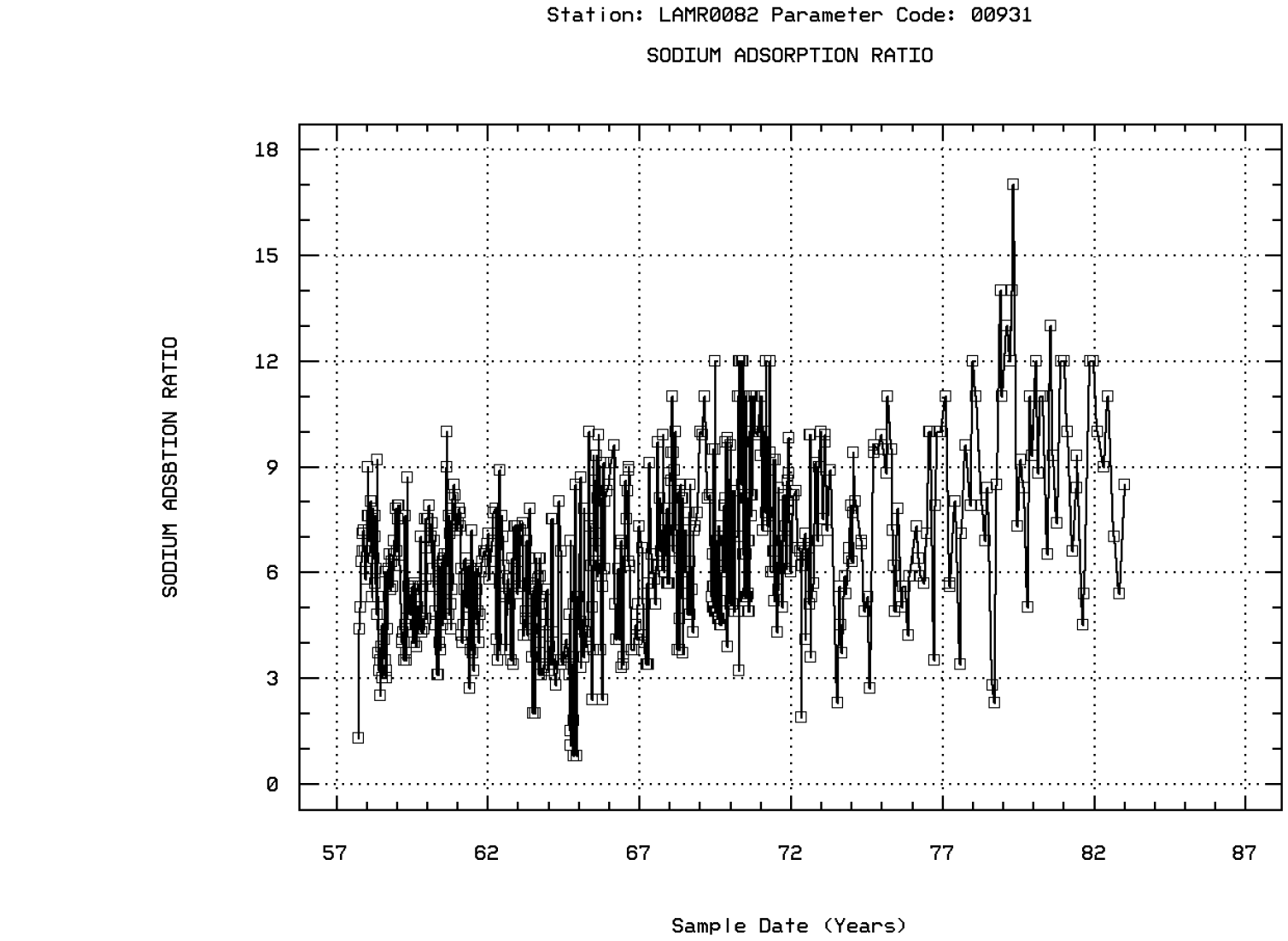
MAGNESIUM, DISSOLVED (MG/L AS MG)



CANADIAN RIVER NR AMARILLO, TX



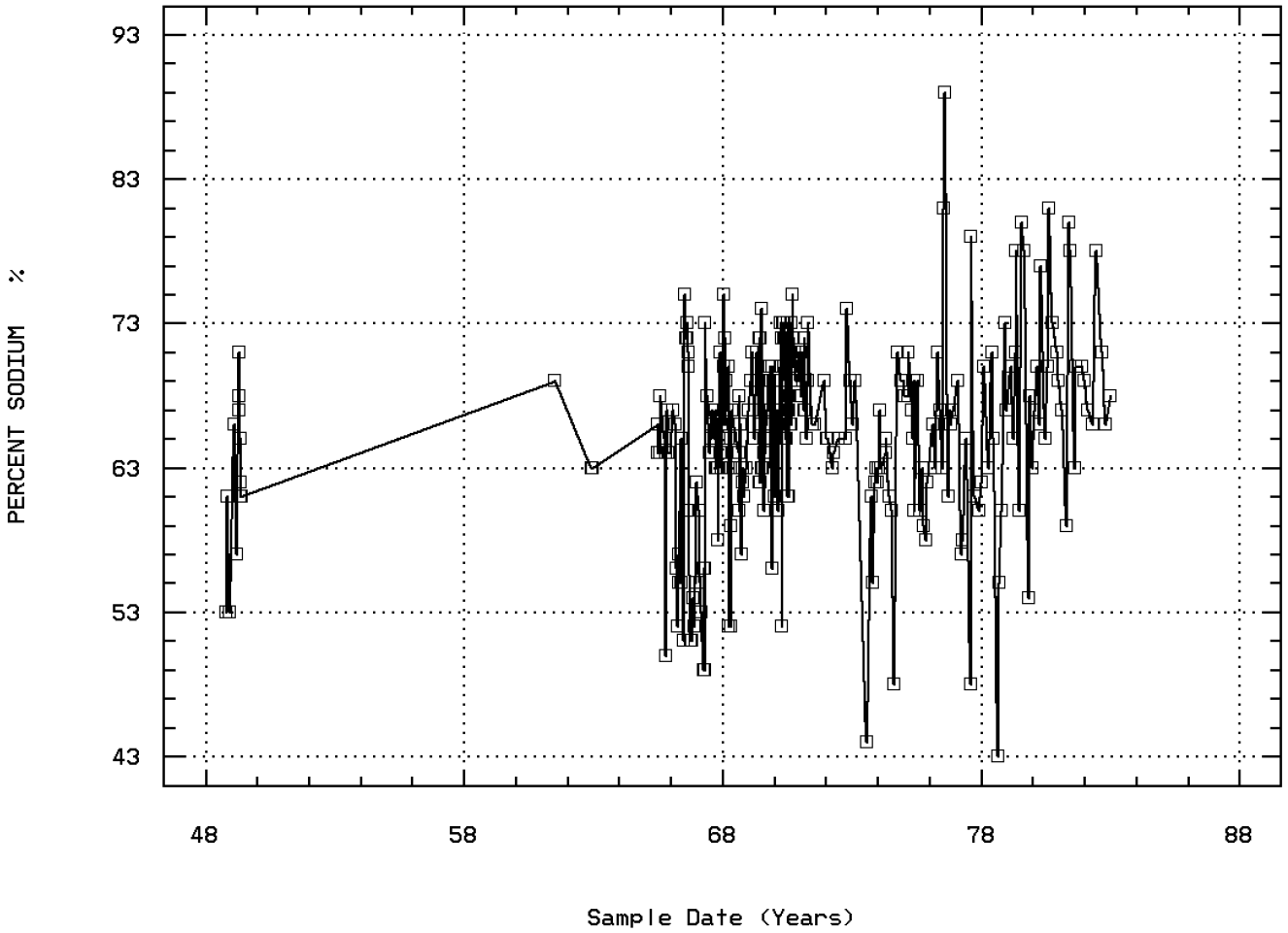
CANADIAN RIVER NR AMARILLO, TX



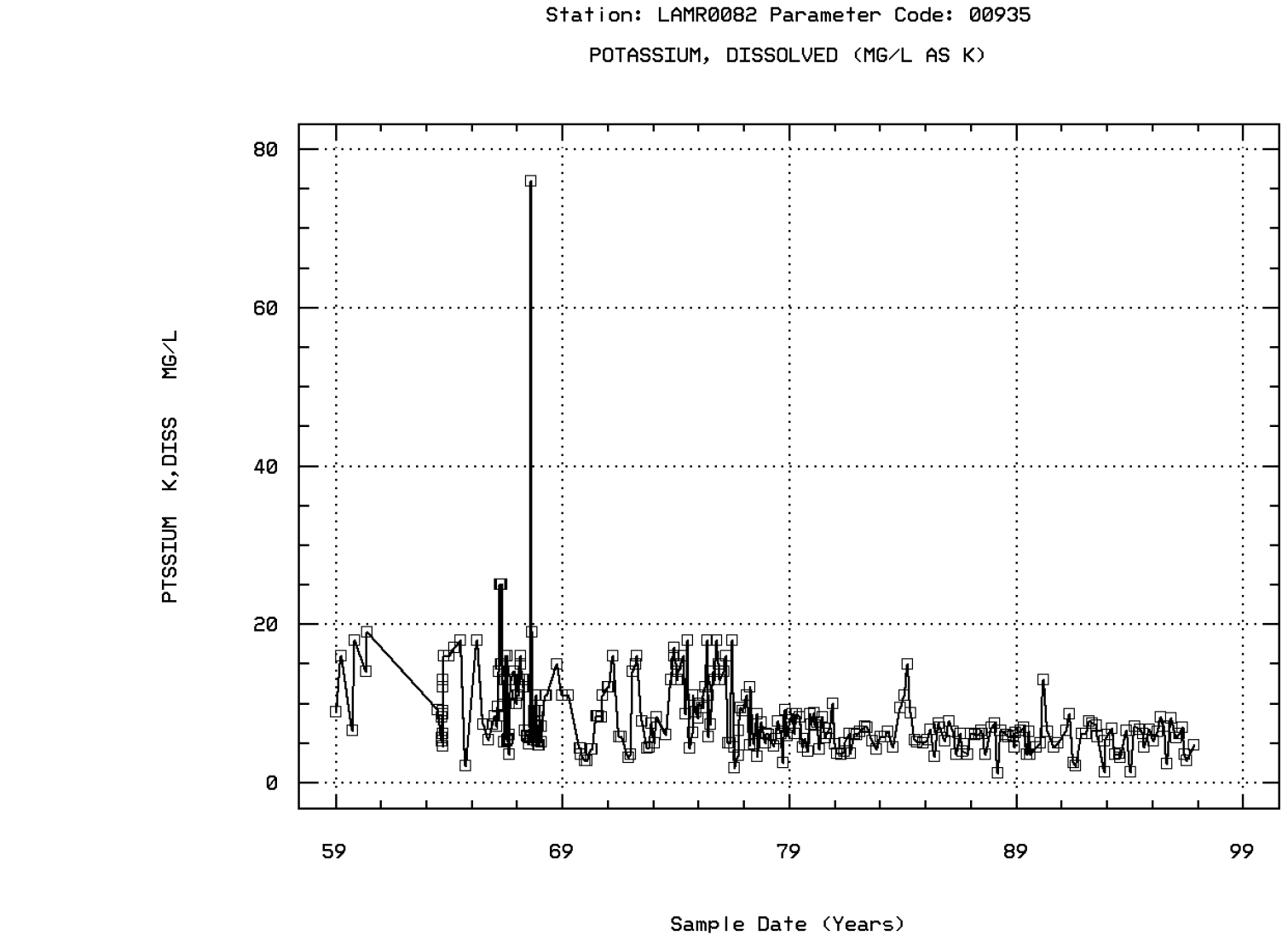
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00932

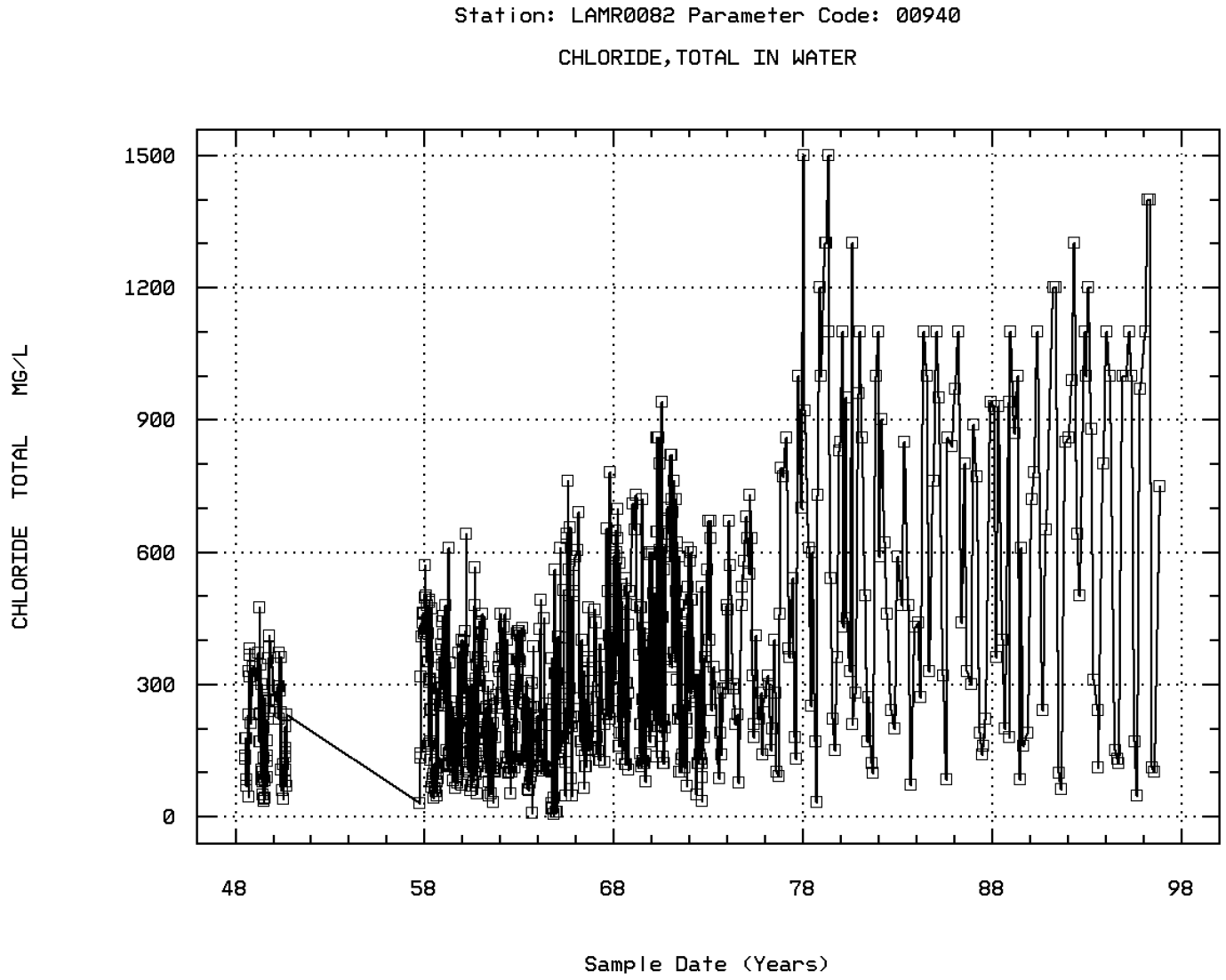
SODIUM, PERCENT



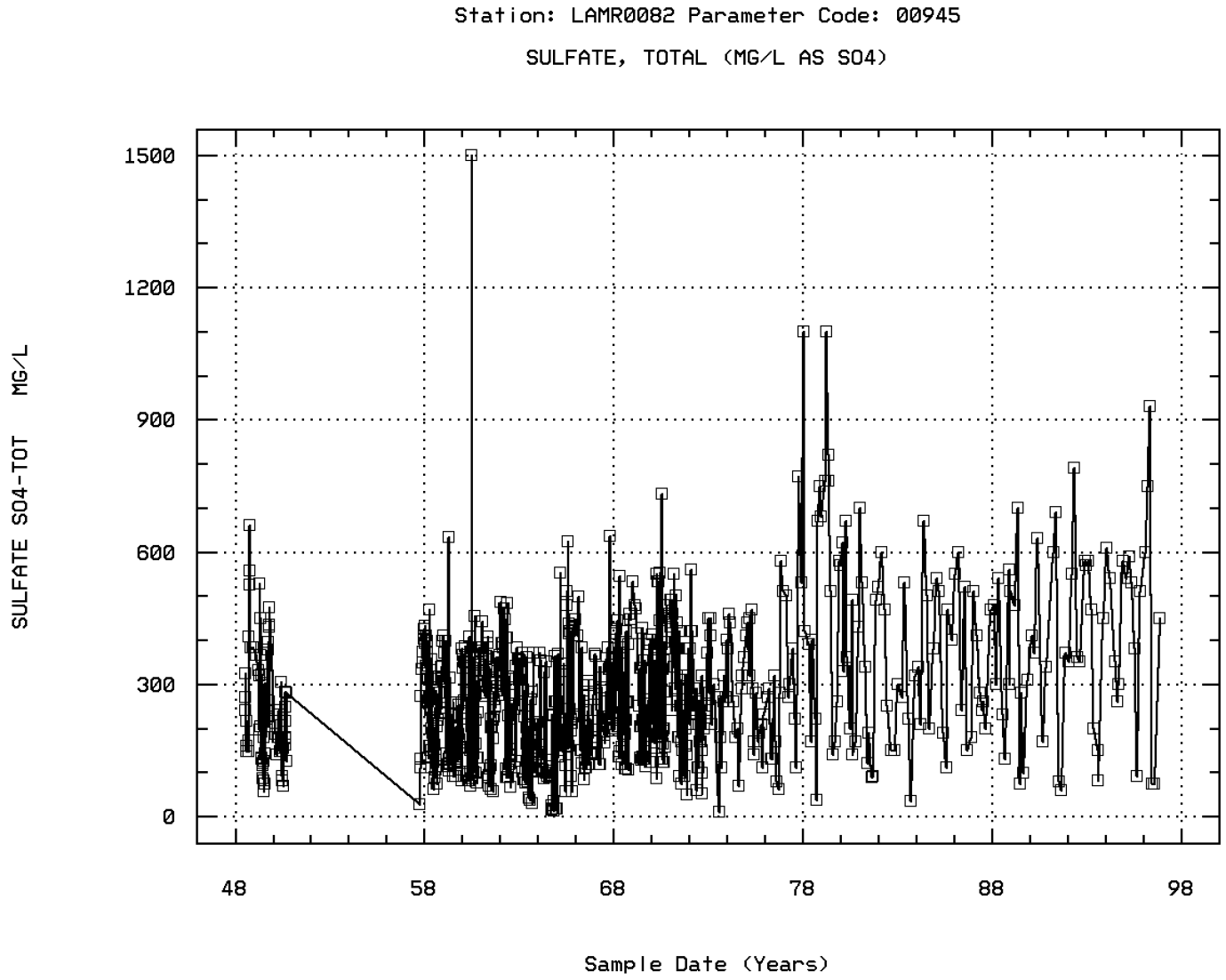
CANADIAN RIVER NR AMARILLO, TX



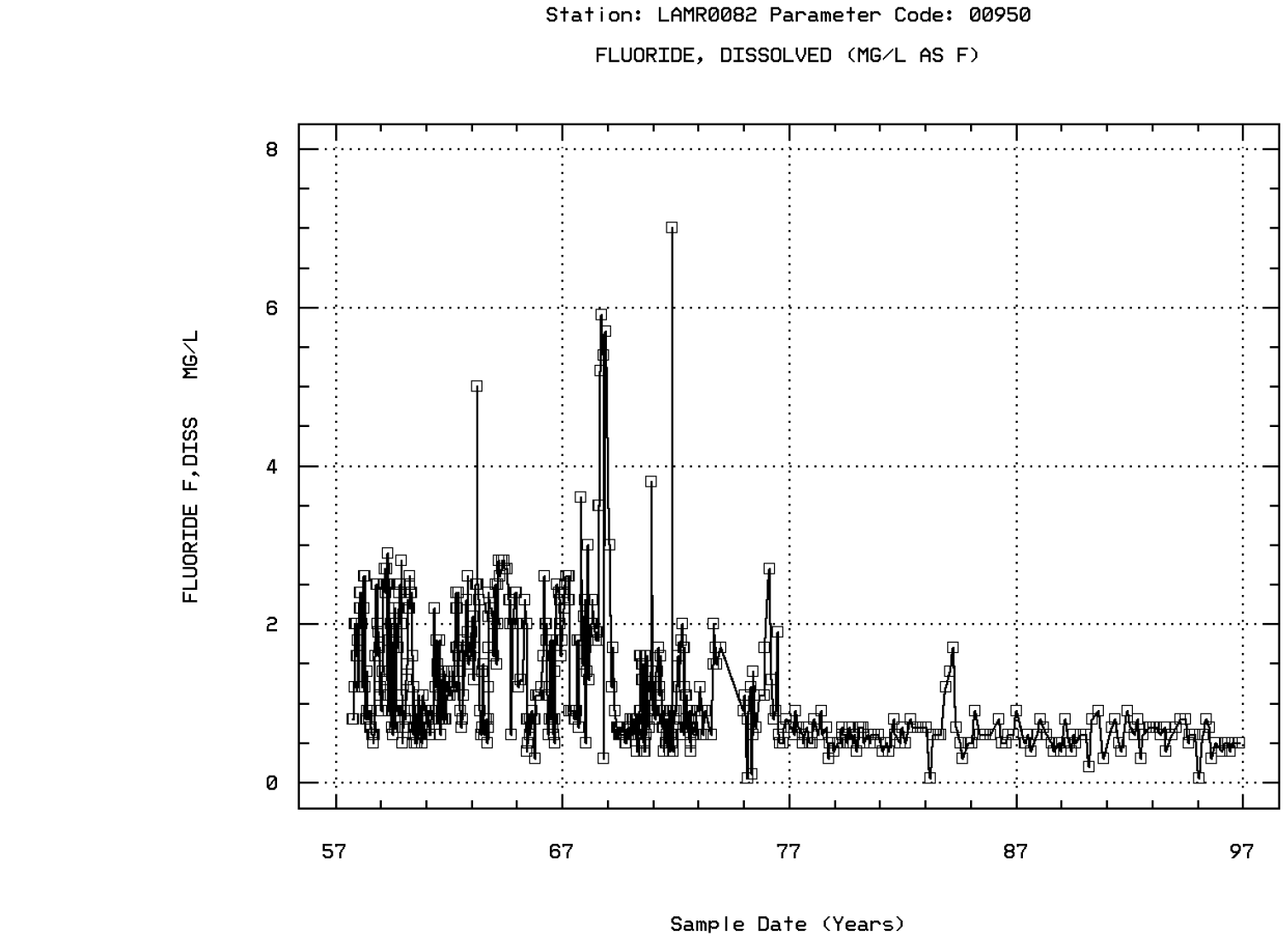
CANADIAN RIVER NR AMARILLO, TX



CANADIAN RIVER NR AMARILLO, TX



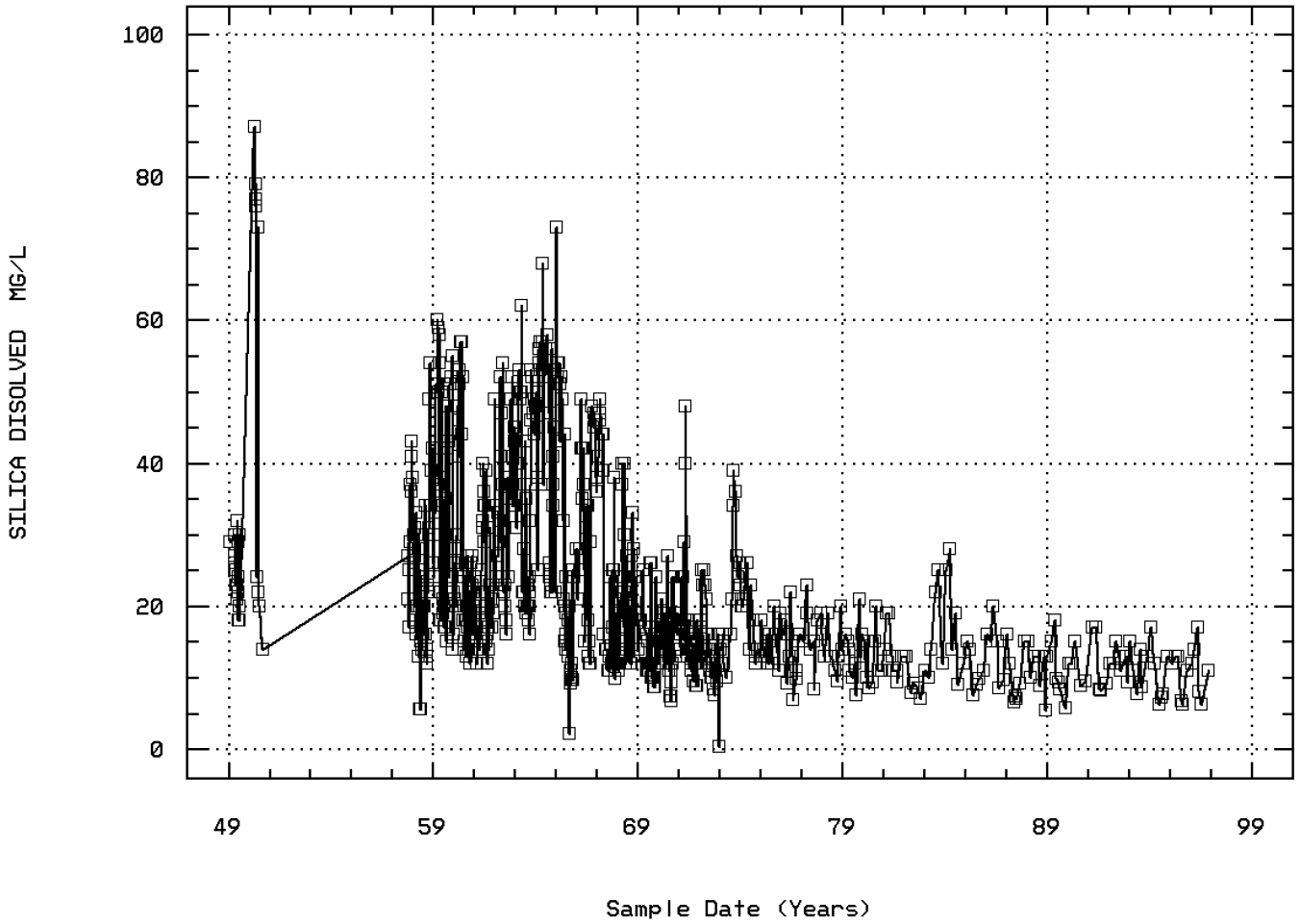
CANADIAN RIVER NR AMARILLO, TX



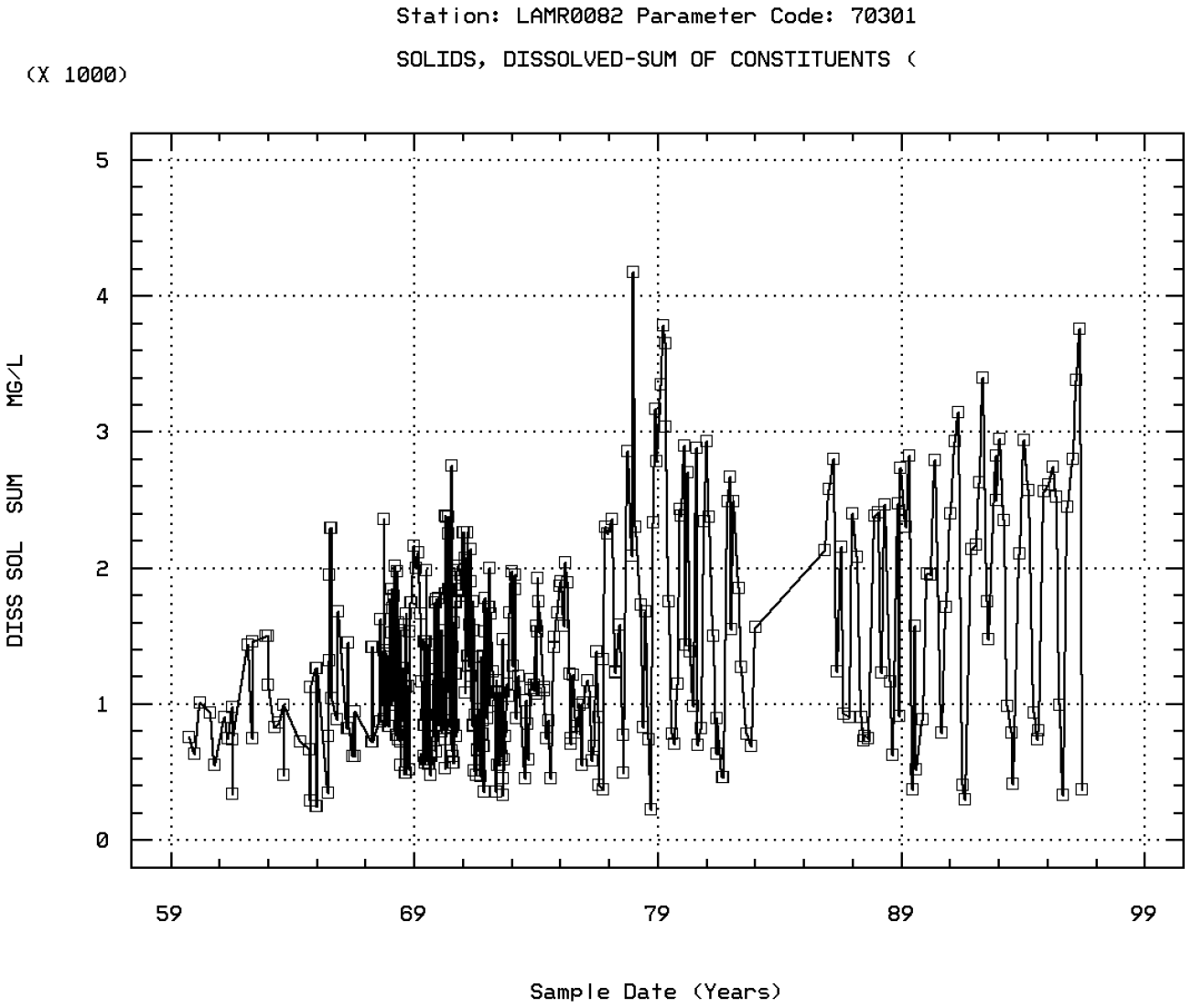
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00955

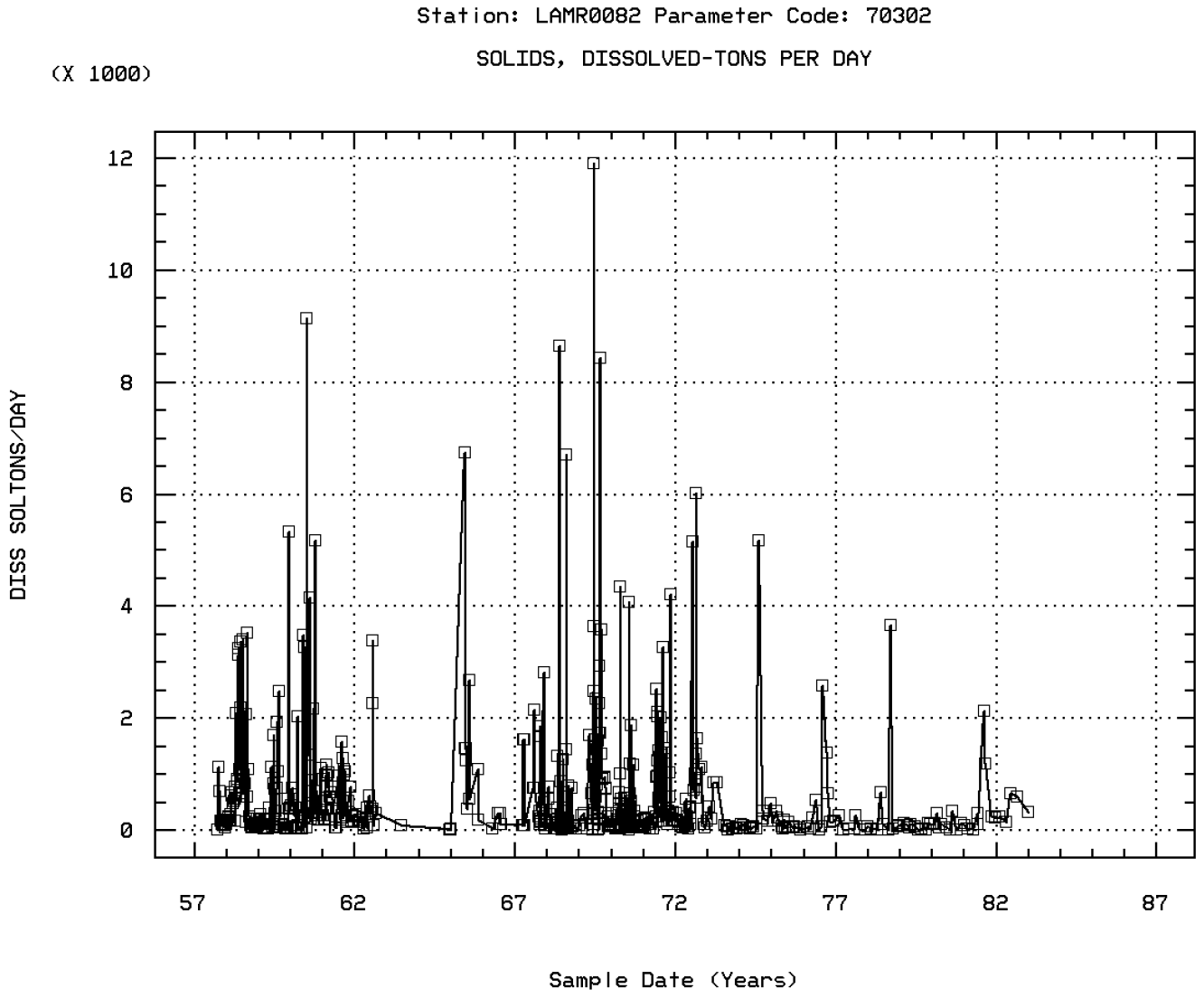
SILICA, DISSOLVED (MG/L AS SI02)



CANADIAN RIVER NR AMARILLO, TX



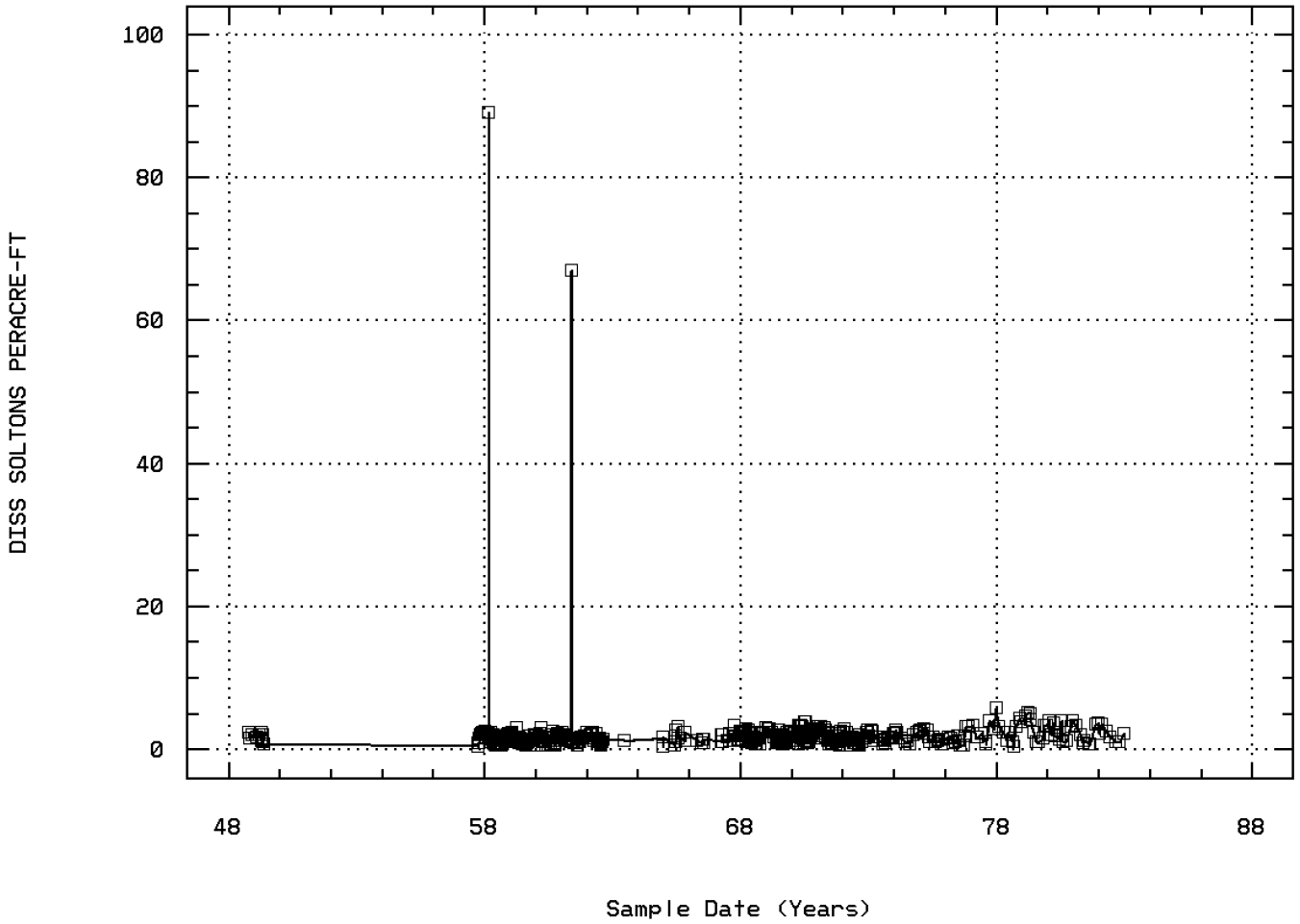
CANADIAN RIVER NR AMARILLO, TX



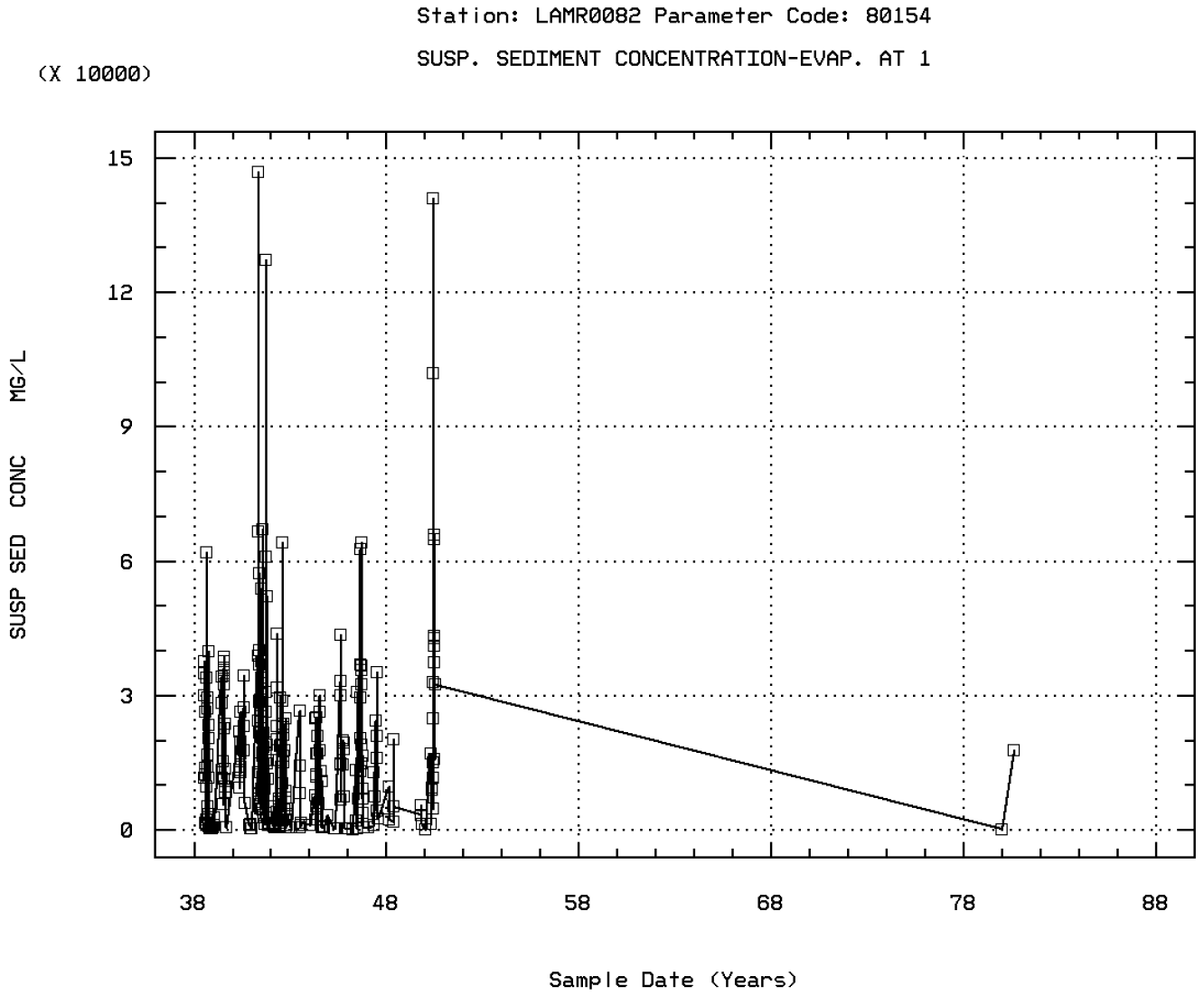
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 70303

SOLIDS, DISSOLVED-TONS PER ACRE-FT



CANADIAN RIVER NR AMARILLO, TX



CANADIAN RIVER NR AMARILLO, TX

Annual Analysis for 1938 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	31	434.	3358.258	26100.	7.	40466080.665	6361.296	30.2	55.	3680.	14912.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	31	11600.	15264.516	61900.	200.	245135698.925	15656.81	200.	1200.	27000.	37140.

** - Less than 9 observations ## - Computed 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 1939 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	20	380.5	1326.	5990.	3.	3454347.263	1858.587	34.3	140.75	1787.5	5666.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	20	19000.	20110.	38600.	500.	184875684.211	13596.9	1070.	8600.	34275.	37360.

** - Less than 9 observations ## - Computed 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 1940 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	16	310.5	424.438	1290.	5.	165232.129	406.488	14.8	51.5	798.25	1087.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	16	15450.	15343.75	34300.	300.	101143958.333	10057.035	860.	6850.	22875.	29400.

** - Less than 9 observations ## - Computed 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 1941 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	68	4080.	7482.441	45500.	16.	92273962.638	9605.934	392.8	720.75	9162.5	22480.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	68	17200.	23389.706	146900.	300.	665695862.599	25801.083	2690.	7750.	28900.	54130.

** - Less than 9 observations ## - Computed 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 1942 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	45	576.	4236.2	26700.	55.	53051805.436	7283.667	83.	191.	3915.	16620.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	45	6100.	12255.556	64100.	400.	177644343.434	13328.329	800.	2200.	20650.	29040.

** - Less than 9 observations ## - Computed 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 1943 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	7	273.	1164.714	5180.	58.	3710011.238	1926.139	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	7	1600.	7514.286	26600.	400.	98001428.571	9899.567	**	**	**	**

** - Less than 9 observations ## - Computed 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 1944 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	23	443.	1441.652	5280.	18.	3390852.692	1841.427	28.2	79.	3190.	4942.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	23	10800.	11443.478	30000.	600.	87321660.079	9344.606	640.	2300.	17800.	25720.

** - Less than 9 observations ## - Computed 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 1945 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	15	581.	831.867	3550.	3.	1073931.41	1036.307	4.2	13.	1080.	2872.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	15	14600.	14853.333	43400.	200.	172068380.952	13117.484	200.	300.	19800.	37220.

** - Less than 9 observations ## - Computed 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 1946 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	23	463.	1357.478	6230.	6.	3771316.806	1941.988	24.4	107.	1670.	5650.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	23	14800.	19786.957	64100.	100.	348568458.498	18669.988	300.	3700.	32300.	52320.

** - Less than 9 observations ## - Computed 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 1947 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	10	508.	1117.9	5370.	52.	2566684.322	1602.087	52.9	85.	1417.5	4989.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	10	10100.	12480.	35000.	600.	133277333.333	11544.58	630.	2100.	21825.	33930.

** - Less than 9 observations ## - Computed 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 1948 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	19	142.	221.053	737.	6.	62376.942	249.754	8.	18.	358.	700.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	14	1550.	1610.571	2550.	709.	458449.341	677.089	755.	1012.	2307.5	2530.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	3	8.4	8.367	8.4	8.3	0.003	0.058	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	3	8.4	8.364	8.4	8.3	0.003	0.058	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	3	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	3	312.	277.333	338.	182.	6985.333	83.578	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	3	560.	508.333	634.	331.	24954.333	157.969	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	3	304.	280.667	356.	182.	7977.333	89.316	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	3	142.	122.333	150.	75.	1696.333	41.187	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	3	50.	49.333	63.	35.	196.333	14.012	**	**	**	**
00932	SODIUM, PERCENT	10/19/48-01/06/83	3	53.	55.667	61.	53.	21.333	4.619	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	3	285.	287.667	339.	239.	2505.333	50.053	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	14	195.	213.786	380.	44.	13262.489	115.163	57.	118.5	331.	372.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	14	298.	328.357	660.	147.	27341.324	165.352	147.	169.25	437.25	608.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	3	1500.	1443.333	1740.	1090.	108033.333	328.684	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	3	2.04	1.963	2.37	1.48	0.202	0.45	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	3	15.	24.933	56.	3.8	755.213	27.481	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	5	5200.	7840.	20200.	1800.	57593000.	7589.005	**	**	**	**

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

Annual Analysis for 1949 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	28	21.1	20.718	29.4	5.6	25.53	5.053	11.59	20.	23.175	27.91
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	35	136.	876.171	9440.	9.	4785631.852	2187.609	12.8	56.	340.	2282.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	33	1330.	1423.697	2760.	458.	415811.968	644.835	532.6	831.	1935.	2326.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	9	8.2	8.156	8.2	8.1	0.003	0.053	8.1	8.1	8.2	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	9	8.2	8.153	8.2	8.1	0.003	0.053	8.1	8.1	8.2	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	9	0.006	0.007	0.008	0.006	0.	0.001	0.006	0.006	0.008	0.008
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	9	218.	226.333	324.	180.	1661.5	40.762	180.	205.	235.	324.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	9	317.	323.111	502.	161.	14663.611	121.093	161.	213.	445.	502.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	9	132.	137.444	276.	4.	10192.278	100.957	4.	42.	246.	276.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	9	78.	75.778	122.	38.	830.194	28.813	38.	49.	101.5	122.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	9	28.	32.556	48.	16.	150.028	12.249	16.	22.	46.5	48.
00932	SODIUM, PERCENT	10/19/48-01/06/83	9	65.	64.222	71.	57.	18.694	4.324	57.	61.	67.5	71.
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	9	270.	267.778	436.	114.	8798.944	93.803	114.	194.	317.5	436.
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	33	172.	199.545	475.	34.	14796.318	121.64	44.8	88.	292.	377.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	33	227.	252.303	528.	57.	17057.655	130.605	83.6	131.5	366.	443.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	20	24.5	24.6	32.	18.	19.621	4.43	18.	21.25	29.	30.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	9	1130.	1121.778	1720.	505.	150740.194	388.253	505.	785.5	1445.	1720.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	9	1.54	1.527	2.34	0.69	0.278	0.527	0.69	1.07	1.965	2.34
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	21	5.5	8.295	59.	2.5	147.339	12.138	2.56	3.8	7.05	17.06
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	3	3290.	3353.333	5460.	1310.	4308633.333	2075.725	**	**	**	**

** - Less than 9 observations ## - Computed 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 1950 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	40	533.	3938.3	56200.	3.	95823535.908	9788.95	9.	30.25	2627.5	11170.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	22	1295.	1309.636	1990.	543.	242409.957	492.351	621.2	891.5	1822.5	1947.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	20	7.9	7.975	8.3	7.7	0.053	0.229	7.7	7.8	8.275	8.3
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	20	7.9	7.923	8.3	7.7	0.055	0.235	7.7	7.8	8.275	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	20	0.013	0.012	0.02	0.005	0.	0.005	0.005	0.005	0.016	0.02
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	20	216.5	248.7	450.	140.	8884.853	94.259	158.	178.	334.5	408.6
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	20	212.	252.7	436.	126.	13071.695	114.332	126.2	145.	361.	428.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	22	180.	186.045	370.	40.	10286.426	101.422	60.	98.75	270.	340.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	22	178.	182.318	305.	68.	4071.084	63.805	83.7	145.25	233.25	281.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	9	73.	52.444	87.	14.	968.278	31.117	14.	21.	78.	87.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	20	28650.	35587.25	141000.	135.	1268791224.934	35620.096	1688.	9935.	43025.	98390.

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Annual Analysis for 1957 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	9	25.	139.444	676.	11.	55820.778	236.264	11.	13.5	225.5	676.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	9	2290.	1838.111	2590.	487.	644094.111	802.555	487.	988.	2470.	2590.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	9	8.	7.867	8.1	7.2	0.09	0.3	7.2	7.7	8.1	8.1
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	9	8.	7.749	8.1	7.2	0.106	0.325	7.2	7.7	8.1	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	9	0.01	0.018	0.063	0.008	0.	0.018	0.008	0.008	0.02	0.063
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	9	249.	239.667	266.	192.	693.	26.325	192.	216.	263.	266.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	9	460.	381.778	571.	170.	28250.694	168.079	170.	178.	533.5	571.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	9	248.	186.111	361.	0.	21323.611	146.026	0.	13.	316.	361.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	9	115.	98.556	149.	45.	1762.778	41.985	45.	49.	136.5	149.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	9	42.	33.	49.	11.	241.	15.524	11.	15.	46.5	49.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	9	319.	258.111	368.	40.	14090.611	118.704	40.	144.5	355.5	368.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	9	6.3	5.589	7.2	1.3	3.454	1.858	1.3	4.7	6.85	7.2

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Annual Analysis for 1957 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	9	408.	311.889	462.	29.	27712.361	166.47	29.	137.5	450.	462.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	9	333.	269.111	424.	28.	20680.111	143.806	28.	120.5	387.5	424.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	9	1.6	1.444	2.	0.8	0.298	0.546	0.8	0.8	2.	2.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	9	29.	30.667	43.	17.	82.	9.055	17.	23.	39.	43.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	9	1420.	1155.889	1670.	302.	259332.111	509.247	302.	625.5	1570.	1670.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	9	107.	272.834	1120.	8.81	142015.827	376.85	8.81	58.8	425.	1120.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	9	1.93	1.571	2.27	0.41	0.479	0.692	0.41	0.85	2.135	2.27
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	9	27.	28.189	64.	3.	454.396	21.317	3.	7.85	47.	64.

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Annual Analysis for 1958 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	51	168.	548.039	3979.	14.	844645.238	919.046	27.4	47.	588.	1746.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	51	1940.	1722.373	2880.	512.	476769.038	690.485	742.8	1030.	2330.	2618.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	51	7.6	7.612	8.5	6.7	0.167	0.409	7.1	7.3	7.9	8.1
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	51	7.6	7.427	8.5	6.7	0.202	0.449	7.1	7.3	7.9	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	51	0.025	0.037	0.2	0.003	0.002	0.039	0.008	0.013	0.05	0.079
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	51	232.	233.314	410.	159.	2163.94	46.518	170.4	203.	260.	270.2
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	3	6.	7.667	12.	5.	14.333	3.786	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	43	352.	327.535	534.	110.	17682.302	132.975	142.8	190.	445.	510.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	43	134.	137.512	335.	0.	11230.542	105.974	0.	40.	235.	295.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	51	82.	81.078	138.	29.	1025.914	32.03	40.2	49.	111.	129.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	51	31.	29.725	47.	9.	144.563	12.023	12.	18.	41.	45.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	51	270.	247.529	456.	22.	12365.654	111.201	96.	140.	334.	396.6
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	43	6.3	5.851	9.2	2.5	2.978	1.726	3.2	4.4	7.	7.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	50	297.	278.58	570.	42.	22676.371	150.587	68.2	126.	416.25	484.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	51	260.	258.059	470.	61.	11058.976	105.162	111.2	162.	340.	397.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	51	1.	1.376	2.6	0.5	0.44	0.664	0.7	0.8	2.	2.48
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	51	25.	24.376	54.	5.6	99.678	9.984	13.	16.	30.	37.2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	51	1160.	1068.157	1790.	313.	180955.295	425.388	487.6	632.	1440.	1652.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	43	469.	853.598	3520.	47.8	1106965.604	1052.124	97.5	162.	913.	3202.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	43	1.6	3.503	89.	0.43	178.54	13.362	0.606	0.85	1.99	2.27
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	43	17.	24.2	83.	0.5	536.422	23.161	2.5	4.2	36.	63.6

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Annual Analysis for 1959 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	52	61.	373.596	4830.	9.	627603.5	792.214	11.	15.	415.	947.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	52	1305.	1406.885	3270.	637.	294615.673	542.785	863.	1050.	1580.	2288.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	52	7.4	7.335	8.2	6.5	0.24	0.49	6.8	6.9	7.7	8.14
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	52	7.4	7.106	8.2	6.5	0.293	0.542	6.8	6.9	7.7	8.14
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	52	0.04	0.078	0.316	0.006	0.006	0.076	0.007	0.02	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	2	156.5	156.5	165.	148.	144.5	12.021	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	52	259.	263.462	426.	168.	4423.861	66.512	181.3	201.	307.	376.5
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	45	291.	282.556	704.	101.	13523.116	116.289	143.6	186.	331.	430.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	45	34.	73.556	538.	0.	10804.207	103.943	0.	6.	92.	219.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	50	63.	65.74	188.	27.	840.441	28.99	36.2	48.75	74.25	104.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	50	32.	28.524	57.	8.2	108.21	10.402	13.1	18.5	35.25	38.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	50	168.	201.84	466.	97.	6882.831	82.963	137.1	149.25	228.5	347.2
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	41	5.	5.334	8.7	3.5	1.814	1.347	3.92	4.35	6.	7.58

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Annual Analysis for 1959 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	5	8.9	11.22	18.	6.6	29.222	5.406	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	51	146.	192.882	610.	65.	13110.146	114.5	93.	120.	220.	394.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	50	157.	190.4	634.	82.	10668.	103.286	113.4	129.	210.	365.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	50	1.65	1.6	2.9	0.5	0.543	0.737	0.7	0.9	2.25	2.5
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	50	35.5	35.82	60.	14.	223.171	14.939	17.	20.	50.25	54.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	46	842.	909.413	2130.	394.	123838.337	351.907	532.	726.	1012.5	1480.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	2	692.	692.	754.	630.	7688.	87.681	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	39	171.	508.131	5330.	17.5	954784.66	977.131	21.9	31.5	544.	1700.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	39	1.17	1.281	2.9	0.54	0.253	0.503	0.72	0.99	1.43	2.11
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	39	16.	26.631	98.	0.2	755.881	27.493	2.5	4.2	38.	82.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	13	11.	31.208	98.	2.5	1142.011	33.794	2.5	6.05	62.5	92.4

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Annual Analysis for 1960 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	45	149.	701.8	8392.	10.	2509913.436	1584.271	14.6	47.5	462.5	2347.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	45	1680.	1660.533	3370.	584.	420784.255	648.679	738.4	1150.	2160.	2474.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	45	7.2	7.247	7.9	6.4	0.135	0.368	6.7	7.	7.5	7.74
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	45	7.2	7.082	7.9	6.4	0.163	0.404	6.7	7.	7.5	7.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	45	0.063	0.083	0.398	0.013	0.008	0.087	0.018	0.032	0.1	0.2
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	4	154.	132.	204.	16.	6560.	80.994	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	45	222.	242.733	485.	20.	7240.2	85.089	168.4	187.5	280.5	342.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	42	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	44	289.	293.568	685.	86.	14252.902	119.386	112.	221.5	383.75	413.5
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	44	93.	100.841	542.	0.	10896.974	104.389	0.	6.5	161.25	212.5
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	43	71.	68.953	114.	22.	645.855	25.414	29.	49.	90.	100.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	43	31.	27.016	44.	7.7	112.822	10.622	9.46	17.	34.	39.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	43	236.	244.14	469.	90.	9609.98	98.031	115.6	166.	327.	377.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	39	6.4	6.279	10.	3.1	2.596	1.611	4.	4.9	7.5	8.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	2	16.5	16.5	19.	14.	12.5	3.536	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	45	247.	254.956	640.	51.	20012.543	141.466	90.2	118.5	361.	440.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	43	238.	267.674	1500.	69.	49241.558	221.904	83.2	132.	348.	384.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	43	0.9	1.137	2.6	0.5	0.405	0.637	0.6	0.7	1.3	2.36
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	43	22.	26.605	57.	12.	183.15	13.533	13.4	17.	30.	51.6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	36	1155.	1077.361	2210.	347.	183423.209	428.279	423.3	762.5	1400.	1526.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	3	937.	832.667	1010.	551.	60834.333	246.646	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	36	393.	1110.817	9130.	19.6	3466452.149	1861.841	31.9	181.5	1045.5	3671.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	36	1.57	1.466	3.01	0.47	0.339	0.582	0.578	1.035	1.905	2.076
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	35	9.3	14.777	85.	0.	344.622	18.564	0.38	3.	16.	46.6
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	42	8.1	16.01	85.	0.	443.467	21.059	0.65	3.	16.25	53.9

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Annual Analysis for 1961 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	43	210.	423.558	2590.	13.	322503.776	567.894	42.2	73.	523.	1308.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	44	1495.	1490.909	2660.	473.	271694.41	521.243	686.	1140.	1812.5	2215.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	44	7.25	7.266	8.1	6.6	0.118	0.343	6.8	7.	7.575	7.7
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	44	7.247	7.141	8.1	6.6	0.134	0.365	6.8	7.	7.575	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	44	0.057	0.072	0.251	0.008	0.003	0.056	0.02	0.027	0.1	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	6	180.5	190.667	269.	140.	1888.267	43.454	**	**	**	**

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Annual Analysis for 1961 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	44	223.	229.386	328.	166.	1459.824	38.208	178.	204.	249.5	283.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	41	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	44	301.	290.75	506.	62.	9462.983	97.278	166.5	207.75	351.5	414.5
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	44	105.5	106.295	253.	0.	5333.05	73.028	5.	29.75	169.75	199.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	42	74.	71.167	122.	16.	538.728	23.211	40.1	55.75	86.5	100.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	42	28.5	28.129	49.	5.4	99.855	9.993	14.6	20.5	35.25	41.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	41	213.	219.512	402.	77.	6186.406	78.654	113.8	162.5	272.	333.2
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	37	5.8	5.578	7.8	2.7	1.645	1.282	3.78	4.6	6.45	7.32
00932	SODIUM, PERCENT	10/19/48-01/06/83	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	44	186.5	197.864	460.	31.	10605.795	102.984	64.5	112.5	255.	345.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	43	280.	262.419	442.	57.	11497.678	107.227	76.	202.	356.	382.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	42	0.95	1.019	2.2	0.6	0.118	0.343	0.63	0.8	1.1	1.47
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	41	20.	21.805	40.	12.	55.111	7.424	14.	16.5	24.5	34.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	32	1025.	1005.031	1670.	317.	91581.322	302.624	617.6	756.5	1192.5	1415.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	741.	738.167	978.	335.	49276.967	221.984	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	32	459.	565.419	1570.	31.8	169644.367	411.879	142.3	206.	973.75	1143.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	33	1.4	3.367	67.	0.43	130.645	11.43	0.916	1.04	1.7	1.982
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	32	11.5	13.766	46.	2.8	113.217	10.64	4.01	5.725	16.	32.9
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	42	8.95	14.036	63.	1.2	170.529	13.059	3.24	5.6	17.	32.9

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Annual Analysis for 1962 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	39	35.	193.154	2327.	9.	197636.502	444.563	16.	25.	118.	577.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	39	1800.	1767.769	2750.	581.	334415.498	578.287	922.	1280.	2300.	2560.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	39	6.9	7.01	8.	6.5	0.161	0.401	6.5	6.8	7.2	7.9
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	39	6.9	6.877	8.	6.5	0.179	0.423	6.5	6.8	7.2	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	39	0.126	0.133	0.316	0.01	0.008	0.089	0.013	0.063	0.158	0.316
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	7	269.	262.429	317.	216.	1207.286	34.746	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	39	268.	276.205	459.	168.	4180.009	64.653	198.	238.	317.	386.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	39	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	38	337.5	341.026	562.	87.	13117.378	114.531	139.9	273.5	433.	464.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	38	96.5	121.711	332.	0.	8821.4	93.922	0.	30.5	204.25	256.3
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	35	91.	86.171	146.	32.	631.97	25.139	57.4	65.	104.	114.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	35	38.	35.343	51.	12.	83.114	9.117	24.	30.	43.	46.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	34	257.5	261.353	418.	137.	8737.811	93.476	137.5	151.25	344.	389.5
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	29	6.2	6.003	8.9	3.4	2.218	1.489	3.5	5.2	7.2	7.7
00932	SODIUM, PERCENT	10/19/48-01/06/83	2	63.	63.	63.	63.	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	39	260.	253.872	460.	51.	15204.957	123.308	102.	130.	365.	420.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	39	274.	264.59	486.	67.	16906.88	130.026	88.	125.	384.	448.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	32	1.55	1.556	2.6	0.7	0.259	0.509	0.93	1.2	1.875	2.37
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	34	34.5	35.618	54.	16.	116.061	10.773	21.	26.25	45.5	50.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	18	1025.	1069.111	1740.	352.	177515.399	421.326	519.4	784.25	1470.	1659.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	1445.	1296.333	1500.	748.	90544.667	300.906	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	18	258.	527.522	3380.	20.2	755319.816	869.091	38.47	129.675	400.25	2372.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	18	1.39	1.454	2.37	0.48	0.328	0.573	0.705	1.068	1.998	2.253
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	19	11.	13.553	49.	1.8	138.644	11.775	3.	3.8	20.	27.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	36	17.5	24.931	92.	0.	606.292	24.623	2.64	4.4	42.	63.

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Annual Analysis for 1963 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	42	34.	235.595	3380.	6.	306709.71	553.814	10.	13.75	182.5	733.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	42	1360.	1389.119	2430.	14.	286514.546	535.271	718.	1042.25	1720.	2257.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	42	7.1	7.05	7.9	6.3	0.16	0.4	6.6	6.7	7.4	7.6
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	42	7.1	6.881	7.9	6.3	0.189	0.435	6.6	6.7	7.4	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	42	0.079	0.132	0.501	0.013	0.014	0.119	0.025	0.04	0.2	0.251
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	1	212.	212.	212.	212.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	6	194.	225.667	327.	141.	6751.467	82.167	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	42	255.	270.071	530.	172.	7067.19	84.067	184.	205.	320.25	399.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	41	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	14	4.25	8.207	17.	0.4	46.602	6.827	1.	2.425	16.	17.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	42	284.	284.833	494.	75.	10149.215	100.743	136.1	234.25	322.75	443.9
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	42	59.	73.333	257.	0.	6382.813	79.893	0.	0.	111.75	226.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	37	64.	67.757	127.	30.	565.523	23.781	36.6	55.5	75.5	110.2
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	37	32.	30.027	49.	10.	106.471	10.319	13.	25.	37.	44.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	42	182.	197.69	363.	62.	5623.877	74.993	103.1	141.75	244.5	312.8
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	37	5.1	5.032	7.8	2.	1.927	1.388	3.1	4.2	5.85	6.96
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	11	8.6	8.882	16.	4.6	12.704	3.564	4.74	5.7	12.	15.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	42	188.5	193.69	428.	8.	9891.975	99.458	80.8	124.75	249.	354.1
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	42	174.	181.071	372.	29.	9341.385	96.651	77.3	102.75	266.	345.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	34	1.55	1.644	5.	0.5	0.821	0.906	0.65	0.875	2.225	2.5
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	39	35.	34.667	62.	16.	171.123	13.081	20.	22.	47.	52.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	13	3.	2.466	3.8	0.17	1.782	1.335	0.378	0.8	3.5	3.76
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	1	861.	861.	861.	861.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	844.5	828.167	988.	476.	35238.567	187.719	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	2	79.5	79.5	80.	79.	0.5	0.707	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	2	1.17	1.17	1.17	1.17	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	42	20.	33.124	96.	0.2	946.595	30.767	2.5	5.1	56.	90.5
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/01/63-04/30/68	14	0.07	1.433	4.8	0.	4.089	2.022	0.	0.	3.8	4.75

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Annual Analysis for 1964 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	40	12.5	334.75	10900.	4.	2960968.295	1720.746	7.	8.	46.	208.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	40	1205.	1298.1	2790.	346.	487730.297	698.377	399.	595.	1870.	2391.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	40	7.65	7.607	8.4	6.8	0.178	0.422	7.1	7.125	7.95	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	40	7.647	7.421	8.4	6.8	0.214	0.462	7.1	7.125	7.95	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	40	0.023	0.038	0.158	0.004	0.001	0.035	0.006	0.011	0.075	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	12	204.5	200.083	223.	176.	280.811	16.757	177.8	185.	212.	222.1
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	40	258.	251.875	347.	180.	1440.933	37.96	206.8	225.	272.	305.1
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	40	0.	0.3	12.	0.	3.6	1.897	0.	0.	0.	0.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	36	12.5	9.992	20.	0.16	46.619	6.828	0.57	2.1	16.	17.3
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	40	285.	296.35	488.	138.	12251.208	110.685	160.	179.5	377.75	460.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	40	68.	96.575	292.	0.	8909.533	94.39	0.	1.	172.5	248.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	39	58.	68.513	118.	40.	516.572	22.728	46.	51.	83.	102.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	39	34.	31.354	69.	9.3	217.507	14.748	11.	18.	38.	50.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	40	134.5	164.75	434.	21.	12854.5	113.378	23.	65.5	261.	349.5
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	30	3.5	4.043	8.5	0.8	4.685	2.165	1.01	3.025	5.3	7.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	4	16.5	13.275	18.	2.1	56.169	7.495	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	40	112.	168.8	560.	6.	22254.523	149.179	9.	32.75	308.5	418.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	40	103.5	140.45	370.	12.	12790.715	113.096	17.	27.25	252.5	349.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	21	2.4	2.319	2.8	0.6	0.274	0.523	1.6	2.	2.7	2.8
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	39	45.	39.846	68.	22.	200.976	14.177	22.	24.	53.	57.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	32	0.78	0.985	3.9	0.	1.133	1.065	0.05	0.115	1.145	2.96
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	11	722.	778.455	1260.	244.	215865.073	464.613	244.	244.	1260.	1260.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	4	17.165	17.165	28.6	5.73	174.346	13.204	**	**	**	**

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Annual Analysis for 1964 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	5	1.71	1.158	1.71	0.33	0.571	0.756	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	40	45.5	38.378	95.	0.2	917.087	30.283	1.41	2.375	65.5	70.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/01/63-04/30/68	36	0.04	0.43	8.6	0.	2.284	1.511	0.	0.003	0.078	1.2

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Annual Analysis for 1965 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	40	302.	1002.875	12500.	6.	5691156.061	2385.614	6.1	24.75	651.	2365.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	40	1505.	1880.1	3770.	563.	776748.297	881.333	723.3	1320.	2742.5	3145.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	40	7.4	7.425	8.5	6.7	0.161	0.401	6.9	7.2	7.7	7.9
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	40	7.4	7.268	8.5	6.7	0.186	0.432	6.9	7.2	7.7	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	40	0.04	0.054	0.2	0.003	0.002	0.046	0.013	0.02	0.063	0.126
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	2	12.15	12.15	15.	9.3	16.245	4.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	16	177.	174.125	194.	146.	225.45	15.015	154.4	159.5	188.	193.3
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	37	220.	216.622	268.	144.	764.02	27.641	183.8	195.	236.	255.6
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	34	1.015	3.724	17.	0.22	24.621	4.962	0.345	0.535	5.225	13.5
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	37	294.	338.324	674.	126.	24228.947	155.657	144.	236.	484.5	592.4
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	37	112.	161.676	514.	0.	23410.392	153.005	0.	53.	300.	427.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	37	64.	80.297	171.	34.	1461.437	38.229	38.	56.	117.	144.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	37	33.	33.486	75.	10.	285.59	16.899	12.	21.	46.5	60.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	37	224.	276.865	556.	64.	20644.231	143.681	91.	180.	412.5	485.8
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	37	6.6	6.495	10.	2.4	4.884	2.21	3.54	4.45	8.3	9.3
00932	SODIUM, PERCENT	10/19/48-01/06/83	11	64.	64.	68.	50.	24.2	4.919	52.8	64.	67.	68.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	4	7.4	9.55	18.	5.4	32.623	5.712	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	40	224.	321.025	760.	47.	42696.64	206.632	89.8	180.	507.5	639.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	40	211.	269.125	624.	56.	24315.138	155.933	92.6	165.25	419.	508.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	28	0.8	0.961	2.3	0.3	0.227	0.476	0.4	0.725	1.1	2.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	39	18.	25.426	73.	2.2	303.338	17.417	9.7	14.	43.	53.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	32	0.105	0.353	2.3	0.02	0.282	0.531	0.033	0.08	0.398	1.198
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	11	1040.	1305.182	2290.	342.	433559.364	658.452	425.6	760.	1950.	2290.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	11	1230.	1726.	6740.	181.	3466778.4	1861.929	220.6	553.	2670.	5926.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	11	1.41	1.773	3.11	0.47	0.8	0.894	0.582	1.03	2.65	3.11
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	40	4.9	21.193	96.	0.5	856.347	29.263	1.26	2.275	31.75	82.2
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/01/63-04/30/68	37	0.01	0.096	1.4	0.	0.094	0.307	0.	0.	0.035	0.15

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Annual Analysis for 1966 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	29	18.	248.069	2250.	7.	241011.567	490.929	10.	11.5	248.	859.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	29	1630.	1789.517	3510.	786.	460775.33	678.804	1040.	1275.	2240.	3030.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	29	8.	7.745	8.9	6.8	0.237	0.487	7.	7.4	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	29	8.	7.485	8.9	6.8	0.307	0.554	7.	7.4	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	29	0.01	0.033	0.158	0.001	0.002	0.041	0.006	0.008	0.04	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	29	188.	187.897	267.	155.	444.953	21.094	169.	175.	195.	215.
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	29	229.	227.	263.	189.	364.571	19.094	206.	213.5	238.	262.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	29	0.	1.069	31.	0.	33.138	5.757	0.	0.	0.	0.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	25	7.4	7.221	16.	0.47	26.843	5.181	0.524	1.685	12.	14.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	29	304.	319.724	559.	132.	12338.421	111.078	188.	241.	377.	496.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	29	92.	135.552	370.	0.	11854.47	108.878	12.	42.	194.	324.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	28	65.5	74.75	135.	35.	809.083	28.444	47.8	49.25	93.	119.7

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Annual Analysis for 1966 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	28	33.	32.	54.	11.	122.074	11.049	15.8	26.	38.	49.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	28	234.	240.857	521.	101.	12030.275	109.683	120.	152.75	298.5	448.4
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	25	6.1	6.112	9.6	3.3	4.417	2.102	3.52	4.1	8.4	9.04
00932	SODIUM, PERCENT	10/19/48-01/06/83	25	57.	60.68	75.	51.	68.31	8.265	51.	53.	68.5	72.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	28	11.5	11.871	25.	3.5	36.316	6.026	5.19	6.275	15.	25.
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	29	266.	285.552	690.	65.	26049.828	161.4	114.	152.	380.5	590.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	28	205.	228.964	498.	84.	12538.851	111.977	111.	142.25	293.	414.5
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	28	1.5	1.457	2.6	0.5	0.406	0.637	0.6	0.8	2.	2.41
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	28	32.5	30.857	49.	12.	143.608	11.984	12.9	18.75	42.	47.1
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	7	0.22	0.226	0.28	0.2	0.001	0.025	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	9	818.	941.111	1450.	615.	97013.611	311.47	615.	716.5	1196.5	1450.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	5	106.	166.82	302.	20.1	16429.862	128.179	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	5	1.11	1.07	1.28	0.84	0.049	0.221	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	28	27.	30.239	77.	3.	442.01	21.024	3.47	11.775	49.	57.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/01/63-04/30/68	25	0.02	0.465	11.	0.	4.819	2.195	0.	0.	0.04	0.118

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Annual Analysis for 1967 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	35	54.	260.429	1868.	7.	169968.487	412.272	11.	19.	491.	825.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	35	1700.	1836.286	3500.	1070.	334941.681	578.741	1160.	1390.	2190.	2582.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	35	7.7	7.717	8.5	6.8	0.191	0.437	7.1	7.5	8.1	8.24
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	35	7.7	7.504	8.5	6.8	0.238	0.487	7.1	7.5	8.1	8.24
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	35	0.02	0.031	0.158	0.003	0.001	0.034	0.006	0.008	0.032	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	35	188.	185.029	239.	135.	642.146	25.341	142.8	176.	203.	217.
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	35	229.	225.2	292.	164.	982.988	31.353	173.6	207.	248.	265.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	35	0.	0.514	10.	0.	3.61	1.9	0.	0.	0.	1.6
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	35	5.8	6.098	13.	0.08	21.667	4.655	0.426	0.79	11.	12.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	35	281.	343.057	658.	184.	12499.232	111.8	231.	244.	406.	494.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	35	110.	157.6	487.	0.	13002.188	114.027	40.6	62.	251.	293.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	35	66.	84.171	178.	49.	888.558	29.809	58.	60.	103.	122.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	35	32.	32.4	52.	15.	95.6	9.778	20.6	23.	39.	46.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	35	237.	265.714	584.	133.	9595.916	97.959	133.	206.	334.	377.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	35	6.2	6.203	9.9	3.4	2.692	1.641	3.4	5.7	7.2	8.5
00932	SODIUM, PERCENT	10/19/48-01/06/83	35	63.	61.314	73.	49.	41.634	6.452	49.	56.	66.	67.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	35	9.1	11.129	76.	4.7	141.443	11.893	4.82	5.8	13.	15.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	35	270.	315.943	780.	124.	22895.114	151.311	128.	222.	410.	486.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	35	234.	261.486	636.	117.	11232.316	105.983	117.	194.	334.	365.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	34	1.8	1.762	3.6	0.7	0.539	0.734	0.85	0.975	2.325	2.6
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	35	24.	25.797	49.	9.9	189.376	13.761	11.6	12.	39.	44.8
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	10	0.145	0.141	0.2	0.05	0.003	0.056	0.055	0.1	0.19	0.199
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	24	1180.	1156.667	2360.	721.	156832.406	396.021	721.	834.	1390.	1520.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	24	218.	716.814	2810.01	15.8	692315.863	832.055	76.95	80.95	1620.	1995.005
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	24	1.605	1.573	3.21	0.98	0.29	0.538	0.98	1.13	1.89	2.065
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	35	8.7	23.334	82.	0.2	644.651	25.39	1.	2.2	46.	61.2
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/01/63-04/30/68	13	0.01	0.009	0.06	0.	0.	0.016	0.	0.	0.01	0.04

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Annual Analysis for 1968 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	45	34.	226.	2560.	4.	257681.227	507.623	7.6	15.	192.5	557.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	42	1795.	1975.19	3250.	835.	529898.353	727.941	894.9	1410.	2677.5	2993.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	42	8.2	8.107	8.8	7.	0.181	0.426	7.26	7.975	8.325	8.5
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	42	8.2	7.825	8.8	7.	0.262	0.512	7.26	7.975	8.325	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	42	0.006	0.015	0.1	0.002	0.001	0.024	0.003	0.005	0.011	0.056
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	14	1.8	1.786	2.2	1.3	0.117	0.342	1.3	1.525	2.125	2.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	41	189.	182.707	231.	119.	714.562	26.731	131.2	170.	200.5	210.
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	41	218.	213.317	282.	142.	1071.022	32.726	155.	193.5	232.5	245.8
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	41	0.	4.683	26.	0.	44.122	6.642	0.	0.	10.	13.6
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	13	6.8	7.215	16.	0.1	21.566	4.644	1.06	4.45	9.	16.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	41	342.	347.195	602.	130.	14624.911	120.933	169.6	253.	435.	505.2
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	41	146.	165.195	370.	0.	12728.711	112.822	11.4	66.5	273.	315.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	41	86.	86.512	167.	35.	997.956	31.59	44.	63.5	108.	124.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	41	31.	31.976	50.	11.	114.374	10.695	14.6	24.	40.5	45.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	41	257.	283.466	533.	45.1	14786.163	121.598	128.	200.	391.5	452.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	41	6.4	6.737	11.	3.7	3.286	1.813	4.38	5.4	8.2	9.3
00932	SODIUM, PERCENT	10/19/48-01/06/83	27	65.	64.222	75.	52.	28.026	5.294	56.	62.	67.	70.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	10.05	9.717	15.	5.1	11.95	3.457	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	42	307.	357.	698.	106.	29762.098	172.517	122.3	225.	512.75	596.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	41	257.	274.878	544.	105.	14384.11	119.934	110.8	187.	382.	440.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	26	2.	2.719	5.9	0.3	2.592	1.61	0.85	1.8	3.5	5.49
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	41	20.	20.927	40.	11.	55.47	7.448	12.	14.	24.	32.4
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	3	0.1	0.103	0.11	0.1	0.	0.006	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	41	1120.	1192.	2010.	494.	200705.75	448.002	524.8	875.	1590.	1786.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	41	125.	654.071	8650.	11.1	2781890.153	1667.9	25.42	65.35	574.5	1306.008
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	41	1.52	1.621	2.73	0.67	0.371	0.609	0.71	1.19	2.165	2.426
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	42	19.5	20.057	54.	3.6	136.037	11.663	4.35	11.	26.	37.7
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/01/63-04/30/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**

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Annual Analysis for 1969 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	9	14.5	17.167	32.	3.	121.	11.	3.	6.	27.5	32.
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	48	238.	729.854	7730.	2.	2151069.319	1466.652	11.7	54.5	806.25	1519.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	52	1410.	1752.692	3450.	286.	691160.021	831.36	936.4	997.75	2400.	3176.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	47	7.8	7.817	8.5	7.2	0.053	0.23	7.6	7.7	7.9	8.1
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	47	7.8	7.754	8.5	7.2	0.057	0.238	7.6	7.7	7.9	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	47	0.016	0.018	0.063	0.003	0.	0.011	0.008	0.013	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	44	172.	171.75	203.	144.	222.983	14.933	150.5	161.	180.	194.5
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	44	210.	209.636	248.	176.	329.167	18.143	184.	196.	220.	237.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	44	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	11	1.4	1.736	3.6	0.5	1.463	1.209	0.5	0.6	3.4	3.56
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	6	0.83	5.452	24.	0.11	89.245	9.447	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	44	228.	272.659	572.	138.	14206.509	119.191	146.	172.	336.	449.5
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	44	77.	104.386	387.	0.	11295.917	106.282	0.	6.5	159.	252.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	44	57.	68.318	145.	37.	818.78	28.614	37.	44.	82.	112.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	44	21.	24.864	51.	11.	138.911	11.786	13.	15.	32.	43.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	38	218.5	260.658	570.	121.	17022.934	130.472	139.	158.	346.	521.9
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	44	6.2	6.88	12.	3.9	4.329	2.081	4.7	5.05	8.175	9.85
00932	SODIUM, PERCENT	10/19/48-01/06/83	44	67.	66.818	74.	56.	12.664	3.559	62.	65.	69.	71.5
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	6	389.5	361.667	473.	139.	17455.067	132.118	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	5	4.3	6.84	11.	3.6	14.503	3.808	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	44	235.	309.295	730.	80.	37643.004	194.018	117.	141.	463.25	625.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	44	205.	244.136	532.	114.	13319.004	115.408	128.	136.	336.	422.

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Annual Analysis for 1969 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	28	0.65	0.796	3.	0.5	0.245	0.495	0.59	0.6	0.7	1.25
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	44	12.	13.441	26.	8.7	19.824	4.452	10.	11.	15.75	21.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	44	841.	1049.386	2160.	476.	247760.894	497.756	554.	614.	1452.5	1875.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	44	781.5	1404.632	11900.	6.18	4772699.341	2184.651	42.3	238.	1670.	3250.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	44	1.14	1.427	2.94	0.65	0.459	0.677	0.75	0.84	1.978	2.55
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	41	5.9	12.159	82.	1.5	267.168	16.345	2.06	3.5	11.5	38.8

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Annual Analysis for 1970 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	9	17.	18.111	32.	10.5	45.486	6.744	10.5	12.5	21.75	32.
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	62	36.5	140.484	1840.	3.	79151.565	281.339	10.3	19.	133.25	369.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	58	2040.	2231.655	4300.	922.	881615.739	938.944	1139.	1410.	2990.	3810.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	58	7.5	7.579	8.5	6.9	0.111	0.333	7.29	7.4	7.7	8.1
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	58	7.5	7.47	8.5	6.9	0.123	0.351	7.29	7.4	7.7	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	58	0.032	0.034	0.126	0.003	0.001	0.026	0.008	0.02	0.04	0.051
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	57	180.	176.754	220.	118.	373.581	19.328	148.	166.5	190.	192.6
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	57	220.	215.614	268.	144.	554.027	23.538	180.8	203.	232.	234.8
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	57	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	58	2.65	2.798	7.7	0.2	3.251	1.803	0.7	1.2	4.2	5.22
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	57	314.	342.842	749.	150.	19113.207	138.251	164.	214.	420.	521.2
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	57	148.	167.246	572.	0.	18500.51	136.017	16.	43.	258.	356.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	57	78.	85.737	180.	37.	1050.376	32.41	44.	58.	109.	128.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	57	29.	31.456	73.	13.	208.503	14.44	14.8	19.	41.	52.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	11	234.	264.909	530.	193.	14578.491	120.741	193.	194.	234.	520.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	57	8.1	8.054	12.	3.2	5.489	2.343	4.9	6.5	10.	11.
00932	SODIUM, PERCENT	10/19/48-01/06/83	53	69.	68.283	75.	52.	20.015	4.474	61.	66.5	71.5	73.
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	46	367.	373.261	699.	108.	27663.886	166.325	154.8	230.	493.5	650.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	11	4.2	6.073	11.	2.8	8.05	2.837	2.8	4.2	8.4	10.48
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	57	365.	426.351	940.	121.	54794.553	234.082	173.4	218.	602.5	812.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	57	282.	308.842	732.	87.	22314.528	149.38	149.4	187.	396.	532.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	55	0.8	0.951	3.8	0.4	0.3	0.547	0.46	0.6	1.3	1.6
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	57	15.	15.491	27.	6.8	25.848	5.084	7.3	12.	18.	24.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	3	0.18	0.153	0.28	0.	0.02	0.142	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	57	1220.	1341.596	2750.	527.	351276.138	592.686	649.6	843.	1810.	2274.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	57	176.	426.532	4350.	5.83	646239.294	803.89	35.54	61.3	414.5	1034.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	57	1.66	1.824	3.74	0.72	0.649	0.806	0.886	1.15	2.46	3.092

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Annual Analysis for 1971 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	16.25	13.583	23.5	1.5	74.342	8.622	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	45	100.	422.511	4380.	5.	581540.483	762.588	15.	31.5	526.	1264.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	45	1900.	2001.067	3660.	356.	752228.155	867.311	856.	1340.	2585.	3336.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	45	7.8	7.809	8.5	7.2	0.092	0.304	7.46	7.55	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	45	7.8	7.708	8.5	7.2	0.103	0.32	7.46	7.55	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	45	0.016	0.02	0.063	0.003	0.	0.014	0.006	0.008	0.028	0.035
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	2	5.45	5.45	6.5	4.4	2.205	1.485	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	45	177.	180.244	259.	141.	468.234	21.639	159.	166.	190.	208.2
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	45	216.	218.711	316.	172.	664.301	25.774	193.6	202.	232.	249.6
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	45	0.	0.533	20.	0.	9.164	3.027	0.	0.	0.	0.

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00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	45	2.1	3.351	12.	0.5	8.114	2.849	0.92	1.5	4.65	8.82
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	45	340.	308.444	540.	110.	16554.343	128.664	136.	190.	395.	500.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	45	140.	133.378	350.	0.	12612.877	112.307	0.	26.	205.	318.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	45	80.	77.333	130.	30.	945.818	30.754	37.6	49.	98.	130.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	45	31.	28.013	50.	8.6	157.053	12.532	11.	17.	38.5	48.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	6	355.	395.	600.	230.	29150.	170.734	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	41	7.2	7.641	12.	4.3	3.606	1.899	5.26	6.2	9.05	10.8
00932	SODIUM, PERCENT	10/19/48-01/06/83	14	68.5	68.643	73.	65.	5.786	2.405	65.5	66.75	71.	72.5
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	39	270.	308.103	610.	86.	19677.252	140.276	140.	210.	410.	520.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	8.9	9.117	16.	3.1	24.442	4.944	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	45	340.	373.511	820.	68.	45323.846	212.894	106.	220.	515.	720.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	45	260.	276.844	550.	50.	17055.453	130.597	91.	175.	380.	472.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	43	0.8	0.96	7.	0.4	0.984	0.992	0.44	0.6	0.9	1.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	45	14.	16.184	48.	8.9	51.74	7.193	11.6	13.	16.5	24.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	6	0.005	0.065	0.29	0.	0.013	0.116	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	45	1200.	1216.911	2260.	356.	294587.992	542.76	507.	806.	1560.	2098.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	45	286.	752.496	4210.	20.4	878455.243	937.259	73.24	149.5	1280.	2062.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	45	1.63	1.655	3.07	0.48	0.543	0.737	0.69	1.095	2.12	2.856

** - Less than 9 observations ## - Computed 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 1972 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	10	9.5	11.8	27.5	0.	121.178	11.008	0.	1.875	21.75	27.3
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	28	83.	497.536	4900.	6.	1104206.406	1050.812	13.7	33.	431.25	1670.
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	5	35.	192.2	525.	10.	55701.7	236.012	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	32	1735.	1756.094	3210.	575.	555918.088	745.599	785.	1082.5	2415.	2844.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	32	7.95	7.869	8.8	7.1	0.191	0.437	7.2	7.5	8.2	8.47
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	32	7.947	7.669	8.8	7.1	0.233	0.482	7.2	7.5	8.2	8.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	32	0.011	0.021	0.079	0.002	0.	0.021	0.003	0.006	0.032	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	27	3.6	6.352	21.	0.8	29.954	5.473	1.34	2.3	11.	15.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	32	175.	178.313	267.	123.	993.512	31.52	141.9	161.	192.25	232.
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	32	212.	216.531	326.	150.	1498.193	38.706	173.2	196.	234.	282.4
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	32	0.	0.438	6.	0.	1.996	1.413	0.	0.	0.	2.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	32	2.3	3.403	13.	0.3	13.351	3.654	0.43	0.7	5.	9.7
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	32	290.	285.625	500.	100.	12012.5	109.602	146.	180.	345.	457.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	32	110.	111.406	310.	0.	8358.12	91.423	0.	23.5	160.	270.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	32	75.	73.031	120.	25.	669.322	25.871	39.2	52.	86.75	117.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	32	27.	28.006	98.	9.4	273.555	16.539	13.	15.75	32.75	41.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	8	280.	298.75	430.	190.	6983.929	83.57	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	24	6.6	6.742	10.	1.9	4.07	2.018	3.85	5.775	8.275	9.9
00932	SODIUM, PERCENT	10/19/48-01/06/83	8	65.	66.25	74.	63.	12.786	3.576	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	24	250.	255.875	530.	58.	18822.81	137.196	96.5	135.	377.5	490.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	8	7.65	9.075	16.	3.6	26.579	5.156	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	32	290.	301.031	670.	35.	30781.709	175.447	89.	132.5	457.5	574.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	32	240.	246.531	560.	51.	13836.064	117.627	99.	170.	312.5	420.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	32	0.85	0.947	2.	0.4	0.169	0.411	0.53	0.7	1.1	1.7
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	32	13.	14.084	25.	0.4	29.636	5.444	8.66	11.	16.75	23.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	6	0.	0.097	0.42	0.	0.029	0.171	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	32	1040.	1053.125	2000.	326.	216608.952	465.413	454.	628.	1412.5	1710.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	32	225.	753.522	6010.	18.1	1801119.012	1342.058	50.38	100.5	920.5	1549.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	32	1.415	1.433	2.72	0.44	0.401	0.633	0.62	0.857	1.923	2.33

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Annual Analysis for 1973 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	14	11.5	11.5	25.	0.	70.231	8.38	0.5	3.75	19.75	23.75
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	14	29.	69.457	347.	0.4	11064.464	105.188	3.7	8.75	76.75	303.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	14	1920.	1940.143	3220.	792.	466323.363	682.879	926.	1480.	2282.5	3115.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	14	7.85	7.764	8.3	7.1	0.138	0.371	7.15	7.5	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	14	7.825	7.613	8.3	7.1	0.163	0.403	7.15	7.5	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	14	0.015	0.024	0.079	0.005	0.001	0.022	0.006	0.008	0.032	0.071
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	14	5.7	8.593	25.	1.9	51.813	7.198	2.4	3.175	13.	23.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	14	191.	190.571	236.	153.	560.571	23.676	156.5	172.25	209.	226.5
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	14	233.	232.286	288.	186.	836.374	28.92	190.5	210.	254.5	276.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	11	1.5	2.19	8.9	0.09	6.367	2.523	0.172	0.6	2.	8.04
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	14	335.	340.714	500.	210.	9068.681	95.23	210.	257.5	430.	485.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	14	145.	148.643	300.	41.	7811.478	88.383	44.5	63.75	210.	300.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	14	81.5	83.214	120.	50.	564.335	23.756	51.5	61.25	110.	120.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	14	32.	32.143	48.	15.	86.132	9.281	17.5	25.75	37.5	46.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	7	270.	279.571	510.	77.	16267.952	127.546	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	14	6.55	6.543	9.9	2.3	4.838	2.2	3.	5.175	8.15	9.8
00932	SODIUM, PERCENT	10/19/48-01/06/83	7	62.	60.	69.	44.	68.667	8.287	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	7	240.	281.429	480.	120.	15714.286	125.357	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	7	13.	11.186	17.	5.	22.841	4.779	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	14	290.	331.786	670.	85.	28021.566	167.396	112.5	227.5	420.	650.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	14	270.	267.143	450.	10.	13637.363	116.779	60.	202.5	340.	430.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	12	1.1	1.217	2.	0.6	0.209	0.457	0.6	0.9	1.65	1.91
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	14	22.5	22.571	39.	10.	85.802	9.263	11.	14.75	28.75	37.5
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	5	0.1	0.106	0.23	0.	0.007	0.082	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	14	1125.	1155.643	1950.	451.	175995.016	419.518	521.5	884.5	1352.5	1895.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	14	59.5	202.606	839.	0.99	84862.929	291.312	10.995	25.725	254.5	839.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	14	1.53	1.572	2.65	0.61	0.325	0.57	0.71	1.205	1.84	2.575

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Annual Analysis for 1974 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	13	15.	14.269	32.5	0.5	118.276	10.875	0.7	3.5	24.	30.1
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	12	23.5	383.667	4230.	5.	1468070.424	1211.64	6.5	13.	78.25	2989.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	13	2530.	2262.692	3370.	845.	593152.564	770.164	1023.	1665.	2890.	3302.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	13	8.	8.008	8.5	7.6	0.061	0.247	7.68	7.8	8.15	8.42
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	13	8.	7.947	8.5	7.6	0.065	0.254	7.68	7.8	8.15	8.42
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	13	0.01	0.011	0.025	0.003	0.	0.006	0.004	0.007	0.016	0.021
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	13	3.4	3.977	7.8	1.4	3.969	1.992	1.52	2.55	5.95	7.28
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	13	189.	184.923	230.	144.	483.577	21.99	150.4	171.	195.5	222.4
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	13	230.	225.462	280.	175.	720.936	26.85	183.	208.5	238.5	270.8
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	4	1.9	2.2	3.8	1.2	1.413	1.189	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	13	350.	363.846	520.	200.	10592.308	102.919	212.	285.	465.	512.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	13	160.	180.231	350.	0.	11504.026	107.257	28.8	80.5	290.	334.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	13	84.	88.538	130.	52.	635.269	25.205	55.6	66.5	115.	126.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	13	33.	34.538	48.	18.	99.436	9.972	18.4	28.5	44.	48.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	13	380.	331.385	490.	88.	16294.923	127.652	120.8	230.	435.	486.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	13	7.7	7.415	9.9	2.7	4.876	2.208	3.58	5.8	9.45	9.78
00932	SODIUM, PERCENT	10/19/48-01/06/83	13	64.	64.077	71.	48.	37.077	6.089	52.8	61.5	69.	71.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	13	13.	11.715	18.	4.3	17.536	4.188	5.1	8.4	15.5	17.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	13	470.	412.769	680.	76.	36696.359	191.563	129.6	260.	575.	676.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	13	290.	300.	460.	70.	12433.333	111.505	114.	230.	395.	452.

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Annual Analysis for 1974 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	13	20.	18.231	26.	12.	21.026	4.585	12.4	13.5	22.	24.8
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	4	0.14	0.15	0.32	0.	0.02	0.14	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	13	1420.	1309.154	1920.	453.	206354.141	454.262	571.4	973.5	1710.	1900.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	12	86.35	558.217	5170.	12.3	2128940.814	1459.089	17.16	38.775	302.	3761.5
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	13	1.93	1.781	2.61	0.62	0.38	0.617	0.78	1.325	2.325	2.582

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Annual Analysis for 1975 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	13	19.	16.308	31.5	1.	117.897	10.858	1.4	5.	26.25	31.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	13	25.	31.615	91.	3.	706.423	26.579	4.2	14.	42.	86.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	13	1820.	2044.154	3430.	974.	676160.974	822.29	1084.4	1370.	2895.	3346.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	13	7.9	7.777	8.6	6.9	0.332	0.576	6.94	7.2	8.25	8.56
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	13	7.9	7.457	8.6	6.9	0.443	0.665	6.94	7.2	8.25	8.56
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	13	0.013	0.035	0.126	0.003	0.002	0.041	0.003	0.006	0.065	0.116
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	13	5.	11.046	37.	0.7	133.204	11.541	1.1	2.4	20.5	32.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	13	190.	194.308	269.	126.	1967.064	44.352	131.2	158.5	228.5	264.6
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	13	231.	230.769	314.	145.	2612.026	51.108	148.6	193.	273.	302.4
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	13	0.	2.923	21.	0.	41.577	6.448	0.	0.	2.5	17.4
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	7	1.4	1.967	4.8	0.47	3.081	1.755	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	13	310.	326.154	500.	180.	12975.641	113.911	180.	235.	450.	496.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	13	80.	132.154	330.	0.	9558.308	97.767	22.8	61.5	220.	302.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	13	79.	78.923	120.	46.	674.41	25.969	46.4	57.	102.	120.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	13	27.	30.923	49.	15.	143.744	11.989	15.4	22.5	44.5	49.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	13	240.	298.462	550.	130.	19497.436	139.633	146.	185.	445.	526.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	13	6.2	7.015	11.	4.2	4.536	2.13	4.48	5.3	9.15	10.4
00932	SODIUM, PERCENT	10/19/48-01/06/83	13	65.	64.538	71.	58.	19.603	4.427	58.4	60.	68.5	70.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	13	12.	12.115	18.	5.8	13.343	3.653	6.4	9.7	14.5	18.
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	13	280.	367.692	730.	140.	40085.897	200.215	156.	215.	590.	690.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	13	230.	266.923	470.	110.	14856.41	121.887	122.	170.	380.	462.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	11	1.1	0.895	1.7	0.05	0.26	0.51	0.06	0.6	1.2	1.64
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	13	16.	15.231	20.	11.	7.692	2.774	11.4	12.5	17.	19.6
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	7	0.2	0.2	0.4	0.1	0.01	0.1	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	13	1010.	1188.692	2040.	546.	255603.731	505.573	610.	767.	1730.	1984.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	13	56.4	102.168	335.	7.09	9319.612	96.538	12.014	37.95	161.	289.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	13	1.37	1.617	2.77	0.74	0.471	0.687	0.828	1.045	2.355	2.694

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Annual Analysis for 1976 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	11	17.	17.818	30.	2.5	62.814	7.926	3.6	15.	23.	29.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	11	26.	404.818	2380.	3.	587254.164	766.325	3.6	21.	281.	2178.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	11	1910.	1893.364	3810.	676.	1058405.255	1028.788	687.	1050.	2330.	3744.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	11	8.	8.073	8.7	7.4	0.168	0.41	7.46	7.8	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	11	8.	7.917	8.7	7.4	0.195	0.442	7.46	7.8	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	11	0.01	0.012	0.04	0.002	0.	0.011	0.002	0.003	0.016	0.036
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	11	3.3	4.045	12.	0.4	10.777	3.283	0.52	1.5	6.2	10.88
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	11	180.	181.273	256.	99.	2709.818	52.056	104.4	135.	246.	254.
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	11	220.	216.909	300.	111.	3695.291	60.789	119.6	164.	276.	300.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	11	0.	2.091	12.	0.	15.691	3.961	0.	0.	5.	10.8

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Annual Analysis for 1976 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	6	0.755	0.943	2.3	0.45	0.466	0.683	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	11	300.	293.273	630.	36.	38789.818	196.951	52.8	130.	410.	626.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	11	48.	123.091	440.	0.	23633.891	153.733	0.	0.	170.	424.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	11	70.	73.527	160.	9.8	2569.818	50.693	14.04	32.	99.	160.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	11	30.	26.309	55.	2.8	294.715	17.167	4.16	12.	38.	54.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	11	270.	292.545	580.	88.	26583.273	163.044	98.4	160.	340.	580.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	11	7.3	7.618	10.	3.5	4.822	2.196	3.94	5.9	10.	10.
00932	SODIUM, PERCENT	10/19/48-01/06/83	11	67.	69.182	89.	61.	71.364	8.448	61.4	63.	71.	87.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	11	6.5	8.427	18.	1.8	29.426	5.425	2.12	4.4	14.	17.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	11	300.	350.909	790.	90.	58549.091	241.969	92.	150.	460.	786.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	11	270.	256.455	580.	61.	28366.273	168.423	64.8	130.	320.	566.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	11	0.8	1.064	2.7	0.5	0.459	0.677	0.5	0.6	1.3	2.54
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	11	13.	13.636	22.	6.9	18.881	4.345	7.36	9.9	16.	21.2
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	6	0.1	0.15	0.6	0.	0.051	0.226	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	11	1090.	1133.455	2300.	369.	438101.073	661.892	375.6	583.	1380.	2290.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	11	158.	525.672	2580.	9.69	628680.652	792.894	11.512	53.6	646.	2338.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	11	1.48	1.542	3.13	0.5	0.811	0.901	0.51	0.79	1.88	3.116

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Annual Analysis for 1977 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	8	19.	17.5	29.	4.	85.214	9.231	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	8	3.5	32.	200.	1.	4771.429	69.076	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	8	2335.	2526.375	4400.	861.	1521122.268	1233.338	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	8	8.15	8.138	8.7	7.7	0.123	0.35	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	8	8.147	8.024	8.7	7.7	0.137	0.371	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	8	0.007	0.009	0.02	0.002	0.	0.007	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	8	2.55	3.25	8.3	0.8	7.254	2.693	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	8	172.	173.875	217.	98.	1574.125	39.675	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	8	203.	204.75	260.	120.	1925.643	43.882	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	8	0.	3.625	24.	0.	70.839	8.417	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	6	0.185	0.295	0.76	0.	0.099	0.315	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	8	445.	490.625	900.	85.	61503.125	247.998	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	8	260.	318.75	750.	0.	54012.5	232.406	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	8	115.	127.375	230.	21.	4069.982	63.796	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	8	39.	42.113	80.	7.9	479.958	21.908	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	8	330.	375.	660.	140.	41514.286	203.751	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	8	7.5	7.288	11.	3.4	5.79	2.406	**	**	**	**
00932	SODIUM, PERCENT	10/19/48-01/06/83	8	60.5	62.125	79.	48.	84.125	9.172	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	8	6.3	7.138	12.	3.3	10.166	3.188	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	8	460.	518.75	1000.	130.	98812.5	314.345	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	8	340.	385.	770.	110.	43685.714	209.011	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	8	0.65	0.65	0.9	0.5	0.017	0.131	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	8	16.5	16.413	23.	8.3	19.276	4.39	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	6	0.1	0.133	0.2	0.1	0.003	0.052	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	8	1410.	1577.75	2860.	491.	655051.643	809.353	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	8	10.495	72.191	265.	6.03	13052.516	114.248	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	8	1.92	2.146	3.89	0.67	1.21	1.1	**	**	**	**

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Annual Analysis for 1978 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	13	11.	12.269	24.	0.5	55.859	7.474	1.5	7.	19.	24.
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	13	6.	489.954	6000.	0.4	2747263.928	1657.487	1.04	2.5	17.	3718.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	10	3340.	3241.3	6250.	373.	3307163.567	1818.561	475.7	1452.5	4592.5	6142.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	8	8.15	8.063	8.3	7.4	0.088	0.297	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	8	8.147	7.944	8.3	7.4	0.104	0.323	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	8	0.007	0.011	0.04	0.005	0.	0.012	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	8	2.4	3.65	13.	1.5	14.946	3.866	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	10	160.	156.7	205.	115.	586.456	24.217	116.6	143.75	166.	201.7
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	10	195.	191.	250.	140.	876.667	29.609	142.	175.	202.5	246.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	6	0.035	0.042	0.12	0.	0.002	0.044	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	10	555.	571.1	1300.	81.	119056.544	345.046	91.9	302.5	762.5	1247.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	10	375.	415.9	1100.	0.	105359.211	324.591	1.9	147.25	602.5	1051.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	10	140.	155.9	360.	22.	9482.767	97.379	24.5	86.75	212.5	346.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	10	43.	44.44	97.	6.4	694.647	26.356	7.56	21.	60.75	93.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	10	480.	494.7	990.	47.	96392.011	310.471	54.3	195.	752.5	976.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	10	8.45	8.48	14.	2.3	14.317	3.784	2.35	5.875	11.25	13.8
00932	SODIUM, PERCENT	10/19/48-01/06/83	10	64.	62.9	73.	43.	78.544	8.863	44.2	58.75	70.25	72.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	10	6.05	6.07	9.2	2.5	3.213	1.793	2.71	5.275	7.2	9.06
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	10	670.	701.2	1500.	32.	219667.733	468.687	45.8	230.	1050.	1470.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	10	410.	483.6	1100.	36.	101356.267	318.365	49.4	207.5	697.5	1065.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	10	0.55	0.58	0.9	0.3	0.033	0.181	0.31	0.475	0.725	0.89
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	10	13.	14.15	20.	9.5	10.892	3.3	9.65	12.5	16.75	19.9
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	3	0.1	0.167	0.3	0.1	0.013	0.115	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	1	2810.	2810.	2810.	2810.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	10	2015.	1995.2	4170.	225.	1463833.289	1209.89	276.4	805.75	2877.5	4070.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	10	61.55	463.726	3650.	1.77	1292213.849	1136.756	2.052	10.598	233.025	3351.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	10	2.74	2.718	5.67	0.31	2.711	1.647	0.38	1.1	3.943	5.534

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Annual Analysis for 1979 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	12	21.25	17.792	29.5	0.	105.839	10.288	0.3	8.375	25.	29.05
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	12	13.	20.233	89.	0.8	701.817	26.492	0.86	4.	16.5	80.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	10	3990.	3772.	6110.	1200.	3453062.222	1858.242	1213.	1795.	5525.	6104.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.1	8.1	8.3	7.9	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.1	8.081	8.3	7.9	0.02	0.143	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.008	0.008	0.013	0.005	0.	0.003	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	6	2.3	2.717	4.	1.8	0.818	0.904	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	10	172.	170.8	205.	139.	713.733	26.716	139.	139.	197.75	204.5
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	10	210.	208.	250.	170.	1017.778	31.903	170.	170.	240.	249.
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	6	0.08	0.102	0.28	0.01	0.012	0.111	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	2	0.105	0.105	0.15	0.06	0.004	0.064	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	10	610.	591.	1100.	120.	95587.778	309.173	121.	355.	832.5	1074.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	10	435.	431.	910.	0.	86187.778	293.578	0.	187.5	677.5	889.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	10	155.	154.1	290.	28.	6422.767	80.142	28.5	98.25	210.	282.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	10	52.5	48.8	80.	11.	638.178	25.262	11.1	27.	74.5	79.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	10	610.	591.	940.	210.	90698.889	301.163	213.	240.	885.	936.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	10	10.15	10.62	17.	5.	12.348	3.514	5.23	8.125	13.25	16.7
00932	SODIUM, PERCENT	10/19/48-01/06/83	10	69.	68.7	80.	54.	71.789	8.473	54.6	62.25	78.	79.8
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	8	535.	565.	950.	220.	105171.429	324.301	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	10	7.8	7.03	8.7	4.	3.422	1.85	4.05	5.25	8.625	8.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	10	840.	815.	1500.	150.	233472.222	483.19	157.	325.	1300.	1480.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	10	575.	567.	1100.	140.	95578.889	309.158	143.	237.5	775.	1072.

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Annual Analysis for 1979 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	10	0.55	0.56	0.7	0.4	0.009	0.097	0.41	0.5	0.625	0.7
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	10	13.5	13.55	21.	7.5	14.247	3.775	7.75	10.75	16.	20.5
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	4	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	10	2405.	2301.1	3780.	702.	1353148.1	1163.249	709.7	1057.25	3425.	3767.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	10	62.75	62.182	127.	2.31	2034.272	45.103	2.34	21.953	102.375	125.7
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	10	3.27	3.128	5.14	0.95	2.504	1.583	0.961	1.435	4.66	5.122
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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Annual Analysis for 1980 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	9	15.5	16.889	32.	3.	106.799	10.334	3.	8.	26.75	32.
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	9	15.	37.892	180.	0.03	3380.077	58.138	0.03	5.	52.	180.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	9	2400.	2995.556	5100.	1080.	2472902.778	1572.547	1080.	1445.	4605.	5100.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.15	8.217	8.5	7.9	0.058	0.24	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.147	8.164	8.5	7.9	0.061	0.247	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.007	0.007	0.013	0.003	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	4	1.8	1.925	3.2	0.9	0.929	0.964	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	9	140.	163.333	254.	90.	3291.75	57.374	90.	125.5	220.	254.
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	7	160.	195.714	310.	110.	4961.905	70.441	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	7	0.	3.714	20.	0.	56.571	7.521	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	6	0.24	0.497	1.9	0.	0.523	0.723	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	9	350.	440.667	780.	96.	72004.	268.336	96.	210.	745.	780.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	9	140.	280.778	630.	0.	63197.444	251.391	0.	73.5	565.	630.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	9	79.	109.778	200.	24.	4681.694	68.423	24.	50.5	185.	200.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	9	38.	40.311	72.	8.8	559.071	23.645	8.8	20.5	66.	72.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	9	390.	475.556	770.	210.	53702.778	231.739	210.	235.	715.	770.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	9	11.	10.111	13.	6.5	4.979	2.231	6.5	8.1	12.	13.
00932	SODIUM, PERCENT	10/19/48-01/06/83	9	70.	71.111	81.	65.	27.361	5.231	65.	66.5	75.	81.
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	2	570.	570.	750.	390.	64800.	254.558	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	9	7.2	7.178	10.	4.2	3.087	1.757	4.2	5.85	8.55	10.
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	9	450.	667.778	1300.	210.	166194.444	407.67	210.	305.	1030.	1300.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	9	360.	378.889	670.	140.	36661.111	191.471	140.	185.	555.	670.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	9	0.6	0.611	0.7	0.5	0.006	0.078	0.5	0.55	0.7	0.7
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	9	11.	12.767	20.	8.6	13.82	3.718	8.6	9.65	15.	20.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	9	1430.	1791.556	2900.	699.	830685.528	911.42	699.	897.5	2790.	2900.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	9	96.9	117.838	340.	0.23	15135.737	123.027	0.23	21.305	209.	340.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	9	1.94	2.436	3.94	0.95	1.536	1.239	0.95	1.22	3.795	3.94
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	1	17700.	17700.	17700.	17700.	0.	0.	**	**	**	**

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Annual Analysis for 1981 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	9	12.	14.611	25.5	0.	89.549	9.463	0.	7.25	24.	25.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	9	36.	331.056	1730.	0.5	367488.903	606.209	0.5	6.5	563.5	1730.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	9	2500.	2590.333	4930.	750.	2656378.5	1629.84	750.	916.5	4075.	4930.
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.1	8.033	8.2	7.7	0.039	0.197	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.1	7.992	8.2	7.7	0.041	0.202	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.008	0.01	0.02	0.006	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	9	170.	170.	210.	120.	700.	26.458	120.	155.	190.	210.

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Annual Analysis for 1981 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	4	0.215	0.325	0.78	0.09	0.096	0.309	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	9	510.	408.556	750.	97.	76768.778	277.072	97.	125.	655.	750.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	9	320.	251.778	590.	0.	59953.444	244.854	0.	0.	455.	590.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	9	140.	104.444	190.	24.	5212.028	72.194	24.	30.5	170.	190.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	9	39.	35.844	66.	9.	584.718	24.181	9.	11.3	59.5	66.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	9	340.	414.444	760.	110.	68452.778	261.635	110.	155.	670.	760.
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	9	9.3	8.911	12.	4.5	8.419	2.901	4.5	6.	12.	12.
00932	SODIUM, PERCENT	10/19/48-01/06/83	9	69.	69.444	80.	59.	42.778	6.54	59.	65.	74.	80.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	9	4.9	4.778	6.2	3.5	1.257	1.121	3.5	3.7	6.05	6.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	9	500.	579.778	1100.	98.	188765.444	434.471	98.	145.	1050.	1100.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	9	340.	341.222	700.	89.	51998.944	228.033	89.	106.	525.	700.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	9	0.5	0.6	1.	0.4	0.04	0.2	0.4	0.45	0.75	1.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	9	13.	13.6	19.	9.4	11.34	3.367	9.4	11.	16.5	19.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	9	1500.	1599.111	2930.	455.	1046173.611	1022.826	455.	544.	2580.	2930.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	9	209.	474.899	2130.	2.19	514128.877	717.028	2.19	49.95	742.5	2130.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	9	2.04	2.174	3.98	0.62	1.932	1.39	0.62	0.74	3.51	3.98

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Annual Analysis for 1982 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	5	13.5	14.6	23.	1.	82.925	9.106	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	5	192.	164.	285.	27.	16008.5	126.525	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	5	1980.	2278.	4060.	1100.	1650020.	1284.531	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	5	8.2	8.16	8.3	8.	0.023	0.152	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	5	8.2	8.139	8.3	8.	0.024	0.154	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	5	0.006	0.007	0.01	0.005	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	5	160.	166.	200.	130.	830.	28.81	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	3	0.26	0.237	0.45	0.	0.051	0.226	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	5	240.	356.	660.	190.	45430.	213.143	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	5	110.	188.8	460.	27.	35917.7	189.52	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	5	53.	87.4	170.	47.	3083.3	55.527	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	5	25.	33.	58.	17.	356.5	18.881	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	5	390.	372.	620.	170.	33370.	182.675	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	5	9.	8.48	11.	5.4	5.152	2.27	**	**	**	**
00932	SODIUM, PERCENT	10/19/48-01/06/83	5	67.	69.6	78.	66.	26.3	5.128	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	5	6.4	5.96	7.1	4.2	1.513	1.23	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	525.	501.667	900.	200.	68336.667	261.413	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	5	250.	324.	600.	150.	40880.	202.188	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	5	0.7	0.68	0.8	0.5	0.012	0.11	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	5	8.5	9.12	13.	7.1	5.317	2.306	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	1410.	1438.333	2490.	692.	461866.267	679.607	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	4	420.5	408.5	658.	135.	67021.667	258.885	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	6	1.92	1.958	3.39	0.94	0.857	0.926	**	**	**	**

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Annual Analysis for 1983 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	13.25	16.75	30.	5.	112.675	10.615	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	6	9.	33.853	109.	0.03	2202.944	46.936	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	6	2335.	2355.	3930.	680.	1065710.	1032.332	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.2	8.217	8.4	8.1	0.014	0.117	**	**	**	**

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Annual Analysis for 1983 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.2	8.204	8.4	8.1	0.014	0.118	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.006	0.006	0.008	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	6	190.	195.	240.	160.	790.	28.107	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	2	0.325	0.325	0.41	0.24	0.014	0.12	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	5	100.	102.4	130.	81.	353.3	18.796	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	5	36.	39.6	57.	32.	98.3	9.915	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	5	370.	410.	630.	330.	15800.	125.698	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/48-01/06/83	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	5	5.8	6.36	9.4	4.4	3.428	1.851	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	480.	483.5	850.	71.	63741.5	252.471	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	6	285.	279.	530.	34.	25742.	160.443	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	6	0.6	0.625	1.2	0.05	0.134	0.366	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	6	13.	15.667	25.	10.	39.467	6.282	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	1	1560.	1560.	1560.	1560.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	1	320.	320.	320.	320.	0.	0.	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	1	2.12	2.12	2.12	2.12	0.	0.	**	**	**	**

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Annual Analysis for 1984 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	11.	14.667	27.5	5.5	86.967	9.326	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	6	14.5	36.333	136.	1.	2550.667	50.504	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	6	2875.	3036.667	4680.	1730.	1521266.667	1233.396	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.05	8.033	8.2	7.9	0.015	0.121	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.047	8.019	8.2	7.9	0.015	0.122	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.009	0.01	0.013	0.006	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	6	180.	201.667	300.	130.	4216.667	64.936	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	6	120.	108.667	160.	50.	1938.667	44.03	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	6	42.	41.833	66.	18.	304.967	17.463	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	6	425.	475.	770.	250.	46870.	216.495	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	7.1	8.383	15.	5.	16.386	4.048	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	600.	650.	1100.	270.	125600.	354.401	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	6	360.	383.333	670.	200.	32266.667	179.629	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	6	0.6	0.85	1.7	0.3	0.319	0.565	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	6	16.5	17.833	28.	9.	56.567	7.521	**	**	**	**

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Annual Analysis for 1985 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	18.5	17.5	31.	4.	133.	11.533	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	6	38.5	308.833	1680.	12.	451450.167	671.9	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	6	3730.	3020.	4450.	700.	2260640.	1503.542	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.1	8.117	8.5	7.8	0.054	0.232	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.1	8.069	8.5	7.8	0.056	0.238	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.008	0.009	0.016	0.003	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	6	175.	160.667	200.	100.	1685.467	41.054	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	6	110.	95.5	150.	32.	2316.7	48.132	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	6	46.5	39.833	60.	13.	450.967	21.236	**	**	**	**

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Annual Analysis for 1985 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	6	625.	505.	750.	80.	69710.	264.027	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	6.05	5.833	7.5	3.3	2.335	1.528	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	850.	692.167	1100.	83.	158484.167	398.101	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	6	435.	370.	540.	110.	31880.	178.55	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	6	0.6	0.633	0.9	0.5	0.019	0.137	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	6	10.4	11.067	15.	7.6	8.395	2.897	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	1	2130.	2130.	2130.	2130.	0.	0.	**	**	**	**

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Annual Analysis for 1986 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	17.25	17.	32.	0.5	109.7	10.474	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	5	29.	86.68	235.	0.4	9791.012	98.95	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	6	2865.	2968.333	4600.	1580.	1824216.667	1350.636	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.2	8.183	8.3	8.	0.018	0.133	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.189	8.166	8.3	8.	0.018	0.134	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.006	0.007	0.01	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	6	168.	169.	220.	127.	1298.4	36.033	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	6	113.	100.667	150.	32.	2314.667	48.111	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	6	39.5	38.833	60.	13.	405.367	20.134	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	6	415.	473.333	770.	250.	49626.667	222.77	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	5.1	5.25	7.8	3.5	3.215	1.793	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	620.	656.667	1100.	300.	119226.667	345.292	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	6	380.	373.333	600.	150.	41826.667	204.516	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	6	0.6	0.667	1.	0.5	0.039	0.197	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	6	15.	14.033	20.	8.5	18.147	4.26	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	1695.	1765.833	2800.	898.	722645.767	850.086	**	**	**	**

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Annual Analysis for 1987 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	7	21.	16.786	30.5	3.	129.155	11.365	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	7	123.	185.429	425.	17.	24708.952	157.191	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	7	1400.	2312.857	3900.	1150.	1749390.476	1322.645	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	7	8.1	8.129	8.6	7.9	0.056	0.236	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	7	8.1	8.083	8.6	7.9	0.058	0.241	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	7	0.008	0.008	0.013	0.003	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	7	194.	188.857	254.	126.	2931.81	54.146	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	7	66.	78.714	130.	23.	1663.571	40.787	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	7	29.	37.	59.	10.	320.333	17.898	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	7	220.	371.429	640.	150.	54780.952	234.053	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	7	6.2	5.943	7.	3.6	1.18	1.086	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	7	220.	472.857	940.	140.	138857.143	372.635	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	7	280.	338.571	510.	200.	15047.619	122.669	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	7	0.6	0.643	1.	0.4	0.05	0.223	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	7	9.1	10.443	16.	6.6	15.293	3.911	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	7	903.	1428.143	2400.	728.	658865.81	811.705	**	**	**	**

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Annual Analysis for 1988 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	8	8.25	10.375	26.5	0.5	100.911	10.045	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	8	62.	113.	324.	25.	11077.714	105.251	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	8	3170.	3026.25	4550.	1090.	2115969.643	1454.637	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	8	8.3	8.35	8.6	8.1	0.029	0.169	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	8	8.3	8.322	8.6	8.1	0.029	0.172	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	8	0.005	0.005	0.008	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	8	186.	183.875	220.	109.	1139.268	33.753	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	8	90.	92.25	140.	35.	1412.786	37.587	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	8	45.	42.375	61.	14.	355.982	18.867	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	8	500.	476.25	780.	160.	59483.929	243.893	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	8	5.95	5.475	7.5	1.2	3.691	1.921	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	8	665.	630.	1100.	180.	144314.286	379.887	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	8	390.	381.25	560.	130.	26098.214	161.549	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	8	0.5	0.55	0.8	0.4	0.02	0.141	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	8	13.	11.4	15.	5.4	9.703	3.115	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	8	1820.	1748.625	2730.	619.	717392.268	846.99	**	**	**	**

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Annual Analysis for 1989 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	18.	17.167	28.	5.	99.067	9.953	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	6	266.5	334.5	880.	8.	108993.5	330.142	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	6	2165.	2411.	4550.	660.	2633582.	1622.831	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.2	8.217	8.3	8.2	0.002	0.041	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.2	8.215	8.3	8.2	0.002	0.041	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	6	149.	147.667	180.	112.	867.867	29.46	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	6	54.	74.5	170.	21.	3412.7	58.418	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	6	28.	33.467	72.	8.4	643.563	25.369	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	6	345.	388.167	750.	89.	77176.167	277.806	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	5.4	5.217	6.9	3.5	2.542	1.594	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	400.	485.5	1000.	83.	156665.5	395.81	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	6	295.	323.667	700.	73.	56293.867	237.263	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	6	0.55	0.567	0.8	0.4	0.019	0.137	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	6	9.6	11.033	18.	5.7	20.875	4.569	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	1229.	1410.667	2820.	368.	991941.867	995.963	**	**	**	**

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Annual Analysis for 1990 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	5	16.5	13.6	23.5	1.5	86.05	9.276	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	5	68.	93.2	192.	14.	4651.7	68.203	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	5	3260.	3136.	4900.	1400.	1571880.	1253.746	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	5	8.3	8.22	8.3	8.1	0.012	0.11	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	5	8.3	8.209	8.3	8.1	0.012	0.11	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	5	0.005	0.006	0.008	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	3	203.	197.333	224.	165.	894.333	29.905	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	5	93.	89.4	120.	23.	1574.3	39.677	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	5	43.	41.2	66.	11.	388.7	19.715	**	**	**	**

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Annual Analysis for 1990 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	5	510.	498.	750.	240.	32870.	181.301	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	5	5.	6.76	13.	4.4	12.708	3.565	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	5	720.	698.	1100.	240.	95220.	308.577	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	5	370.	384.	630.	170.	27280.	165.167	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	5	0.6	0.56	0.9	0.2	0.093	0.305	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	5	12.	11.48	15.	8.9	5.877	2.424	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	5	1950.	1839.	2790.	785.	514730.	717.447	**	**	**	**

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Annual Analysis for 1991 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	12.5	13.417	25.5	0.5	89.242	9.447	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	6	153.	876.167	3590.	4.	2024982.567	1423.019	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	6	4015.	3224.167	5210.	522.	4313661.767	2076.936	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.15	8.183	8.5	7.8	0.078	0.279	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.147	8.111	8.5	7.8	0.084	0.29	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.007	0.008	0.016	0.003	0.	0.005	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	5	88.	80.74	180.	5.9	5520.028	74.297	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	5	49.	39.84	77.	2.5	1225.703	35.01	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	5	630.	501.	850.	95.	132580.	364.115	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	5	6.2	5.2	8.6	2.1	7.855	2.803	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	5	850.	682.2	1200.	62.	322290.2	567.706	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	5	370.	360.	690.	60.	83750.	289.396	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	5	0.7	0.66	0.9	0.4	0.043	0.207	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	5	9.1	11.94	17.	8.2	21.448	4.631	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	2270.	1883.667	3140.	294.	1547947.867	1244.166	**	**	**	**

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Annual Analysis for 1992 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	7	13.5	11.357	22.	0.5	73.81	8.591	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	7	44.	46.286	133.	5.	1861.905	43.15	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	7	3760.	4004.286	5630.	2490.	1178861.905	1085.754	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.35	8.35	8.4	8.3	0.003	0.055	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.347	8.347	8.4	8.3	0.003	0.055	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	7	100.	113.429	180.	70.	1339.619	36.601	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	7	50.	53.714	76.	30.	252.238	15.882	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	7	650.	668.571	910.	410.	30514.286	174.683	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	7	6.2	5.857	7.7	1.3	4.85	2.202	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	7	990.	912.857	1300.	500.	74357.143	272.685	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	7	550.	507.143	790.	350.	27023.81	164.389	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	7	0.7	0.629	0.8	0.3	0.026	0.16	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	7	12.	12.186	15.	9.3	3.175	1.782	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	7	2500.	2391.429	3400.	1470.	429847.619	655.628	**	**	**	**

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Annual Analysis for 1993 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	7.75	10.417	22.	1.	79.342	8.907	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	6	71.5	145.5	431.	21.	26637.9	163.211	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	6	2685.	2819.167	5080.	745.	3089824.167	1757.79	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.3	8.333	8.5	8.2	0.011	0.103	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.3	8.323	8.5	8.2	0.011	0.104	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.005	0.005	0.006	0.003	0.	0.001	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	6	68.5	76.167	160.	16.	3770.567	61.405	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	6	32.5	34.633	66.	6.8	726.087	26.946	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	6	435.	450.	780.	120.	67520.	259.846	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	4.85	4.933	6.8	3.1	2.803	1.674	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	555.	590.	1200.	110.	186320.	431.648	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	6	325.	322.	580.	82.	41384.	203.431	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	6	0.65	0.617	0.7	0.4	0.014	0.117	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	6	12.	11.567	15.	7.7	8.651	2.941	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	1540.	1596.	2950.	412.	1019300.8	1009.604	**	**	**	**

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Annual Analysis for 1994 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	16.5	15.25	29.	0.5	119.875	10.949	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	6	204.5	243.5	545.	18.	61186.7	247.359	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	6	2910.	2938.333	4890.	1210.	3185176.667	1784.706	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.4	8.35	8.6	8.	0.039	0.197	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.4	8.309	8.6	8.	0.041	0.203	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.004	0.005	0.01	0.003	0.	0.003	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	6	80.	93.833	180.	44.	3081.767	55.514	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	6	43.	46.333	73.	27.	337.067	18.359	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	6	440.	461.667	810.	170.	88936.667	298.223	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	6.4	5.4	7.1	1.3	4.876	2.208	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	575.	583.333	1100.	120.	244426.667	494.395	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	6	445.	440.	610.	260.	23720.	154.013	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	6	0.65	0.667	0.8	0.5	0.015	0.121	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	6	9.85	10.517	17.	6.2	17.594	4.194	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	1746.5	1757.	2940.	739.	1067283.2	1033.094	**	**	**	**

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Annual Analysis for 1995 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	6	21.	17.917	31.	5.5	107.542	10.37	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	6	39.	478.	2480.	22.	970468.8	985.124	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	6	4285.	3339.333	4580.	666.	2761114.667	1661.66	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.3	8.383	8.8	8.2	0.046	0.214	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	6	8.3	8.348	8.8	8.2	0.047	0.217	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	6	0.005	0.004	0.006	0.002	0.	0.002	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	6	110.	91.333	130.	12.	2285.867	47.811	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	6	57.	47.883	66.	5.3	533.442	23.096	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	6	670.	523.	750.	98.	80006.	282.853	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	6.75	6.25	8.3	2.4	4.859	2.204	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	985.	714.5	1100.	47.	223789.5	473.064	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	6	520.	440.333	590.	92.	34040.667	184.501	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	6	0.55	0.492	0.8	0.05	0.076	0.276	**	**	**	**

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Annual Analysis for 1995 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	6	11.5	10.317	13.	6.2	9.546	3.09	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	6	2485.	1939.5	2740.	324.	1038732.7	1019.182	**	**	**	**

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Annual Analysis for 1996 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	7	12.	13.929	20.5	7.5	34.619	5.884	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	7	55.	552.714	3510.	2.	1705114.905	1305.8	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	7	3960.	3620.	6150.	686.	4782172.	2186.818	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	7	8.2	8.243	8.4	8.1	0.016	0.127	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	7	8.2	8.227	8.4	8.1	0.016	0.128	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	7	0.006	0.006	0.008	0.004	0.	0.002	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	6	135.	122.667	250.	13.	8603.067	92.753	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	6	56.5	49.	90.	5.2	1224.416	34.992	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	6	650.	551.667	960.	90.	139896.667	374.028	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	6	5.2	4.95	7.	2.7	2.663	1.632	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	6	925.	810.	1400.	100.	355600.	596.322	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	6	525.	479.667	930.	73.	124074.667	352.242	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	6	0.5	0.467	0.5	0.4	0.003	0.052	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	6	11.5	11.4	17.	6.3	15.108	3.887	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	4	3090.	2578.25	3760.	373.	2317212.25	1522.239	**	**	**	**

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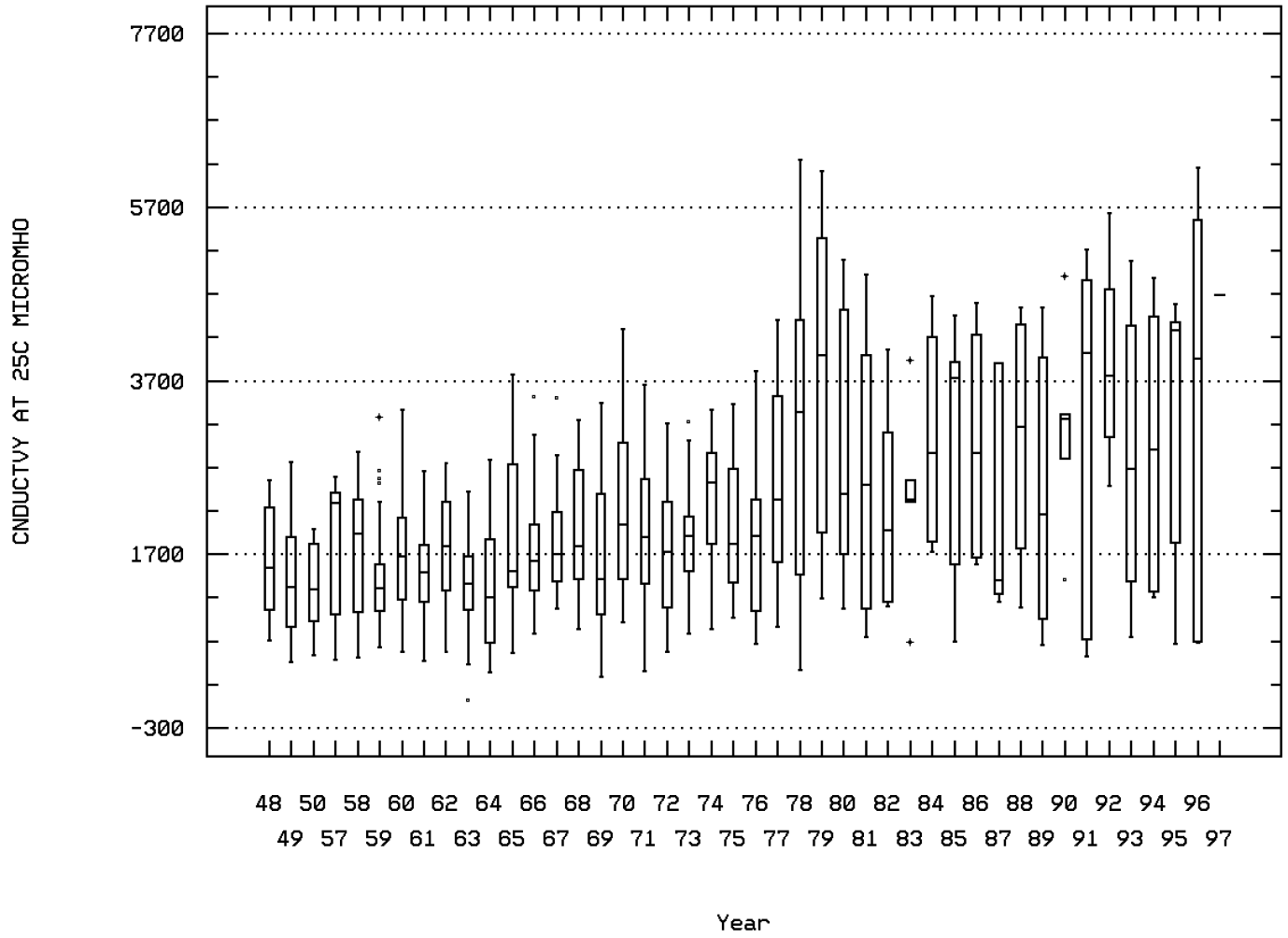
Annual Analysis for 1997 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	1	4690.	4690.	4690.	4690.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**

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Station: LAMR0082 Parameter Code: 00095

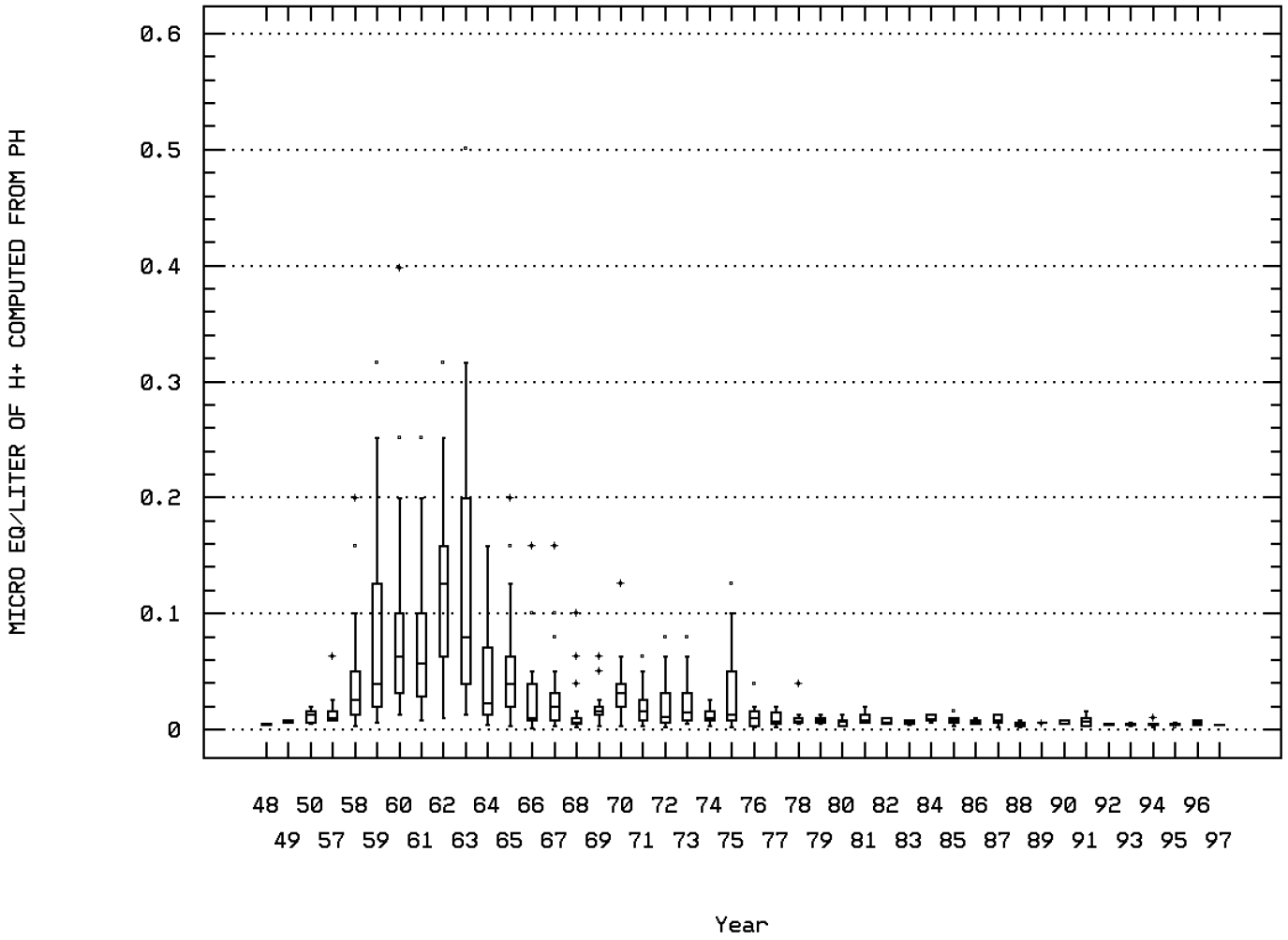
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00400

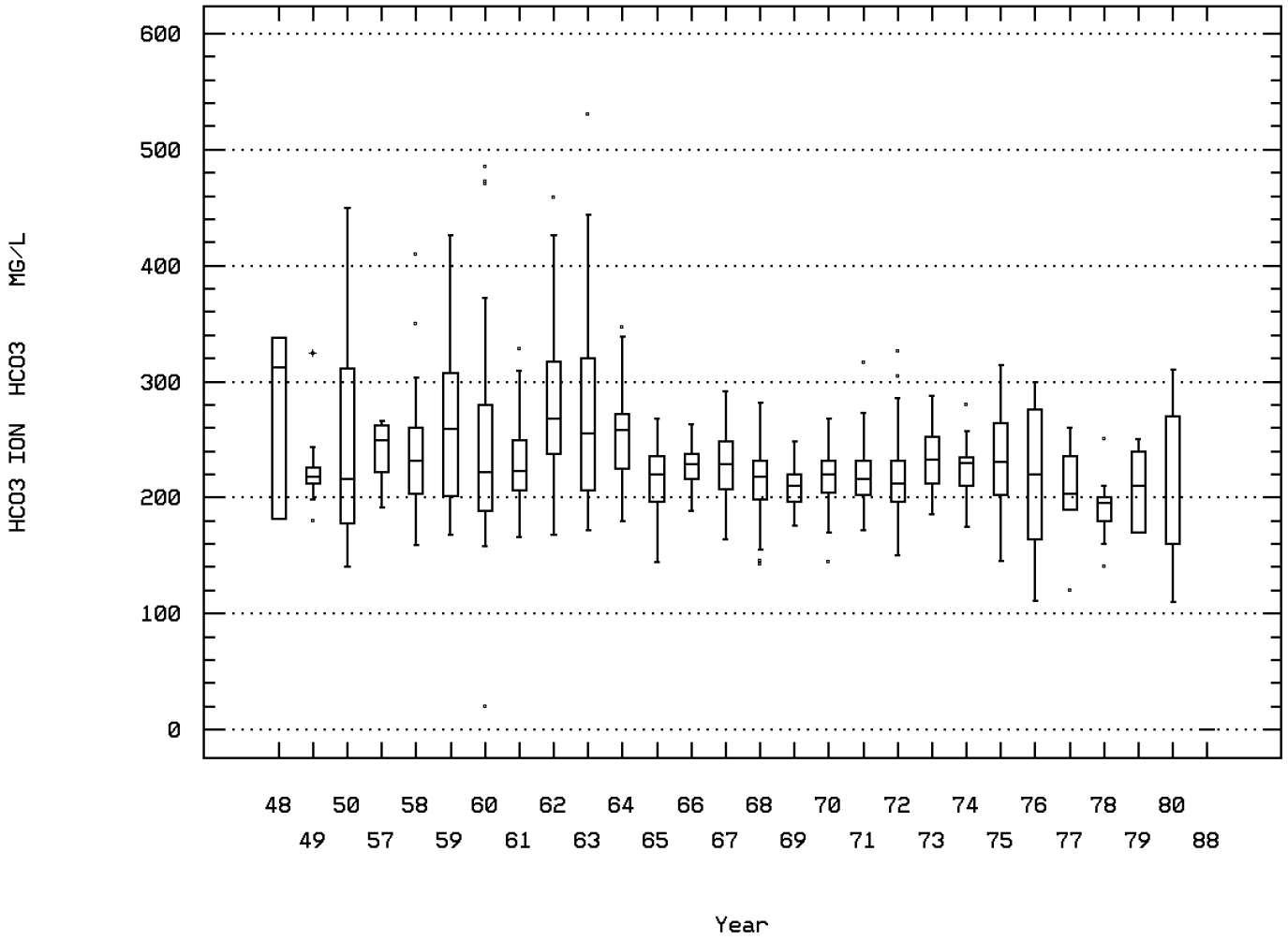
MICRO EQ/LITER OF H+ COMPUTED FROM PH



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00440

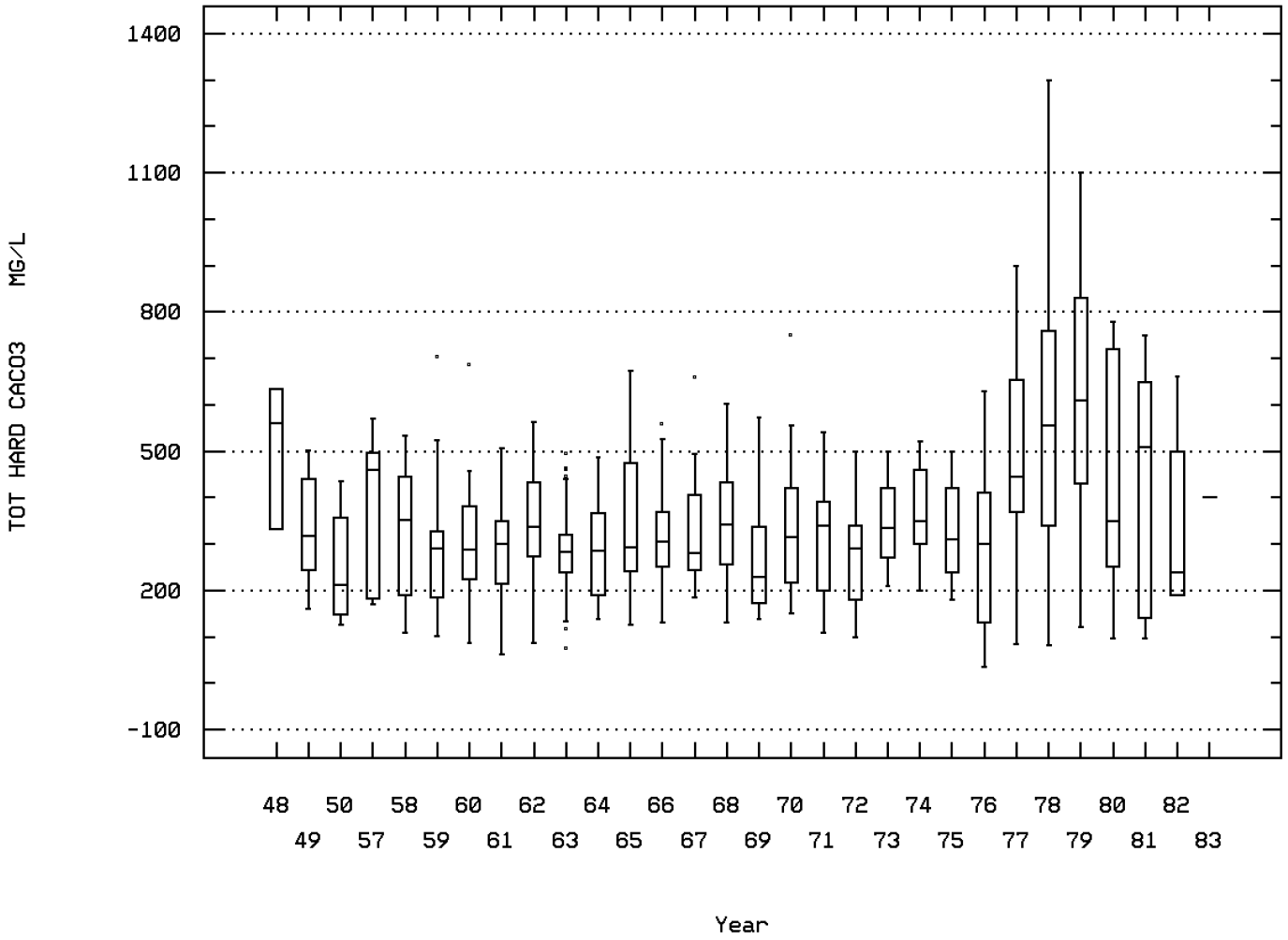
BICARBONATE ION (MG/L AS HCO3)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00900

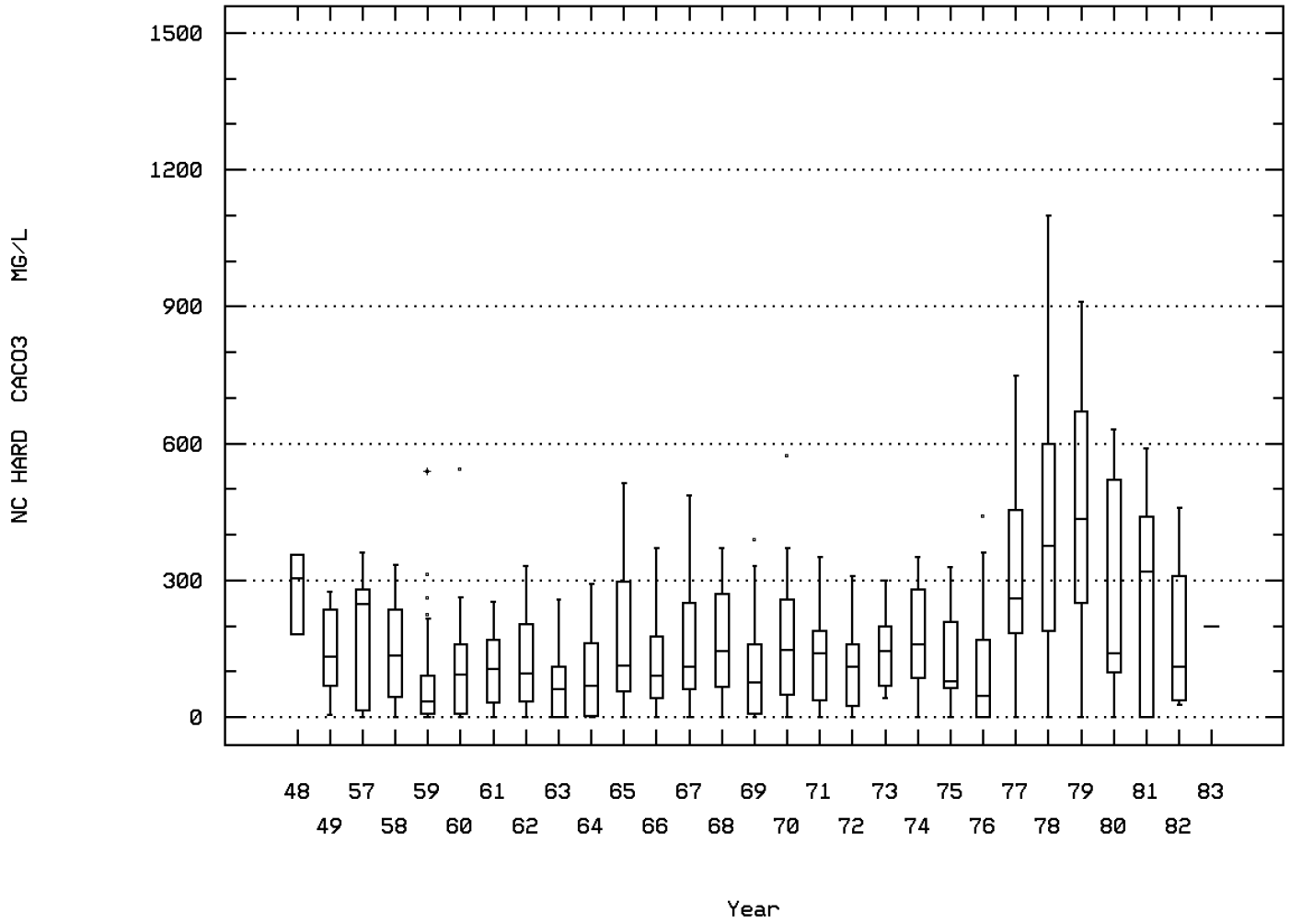
HARDNESS, TOTAL (MG/L AS CACO3)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00902

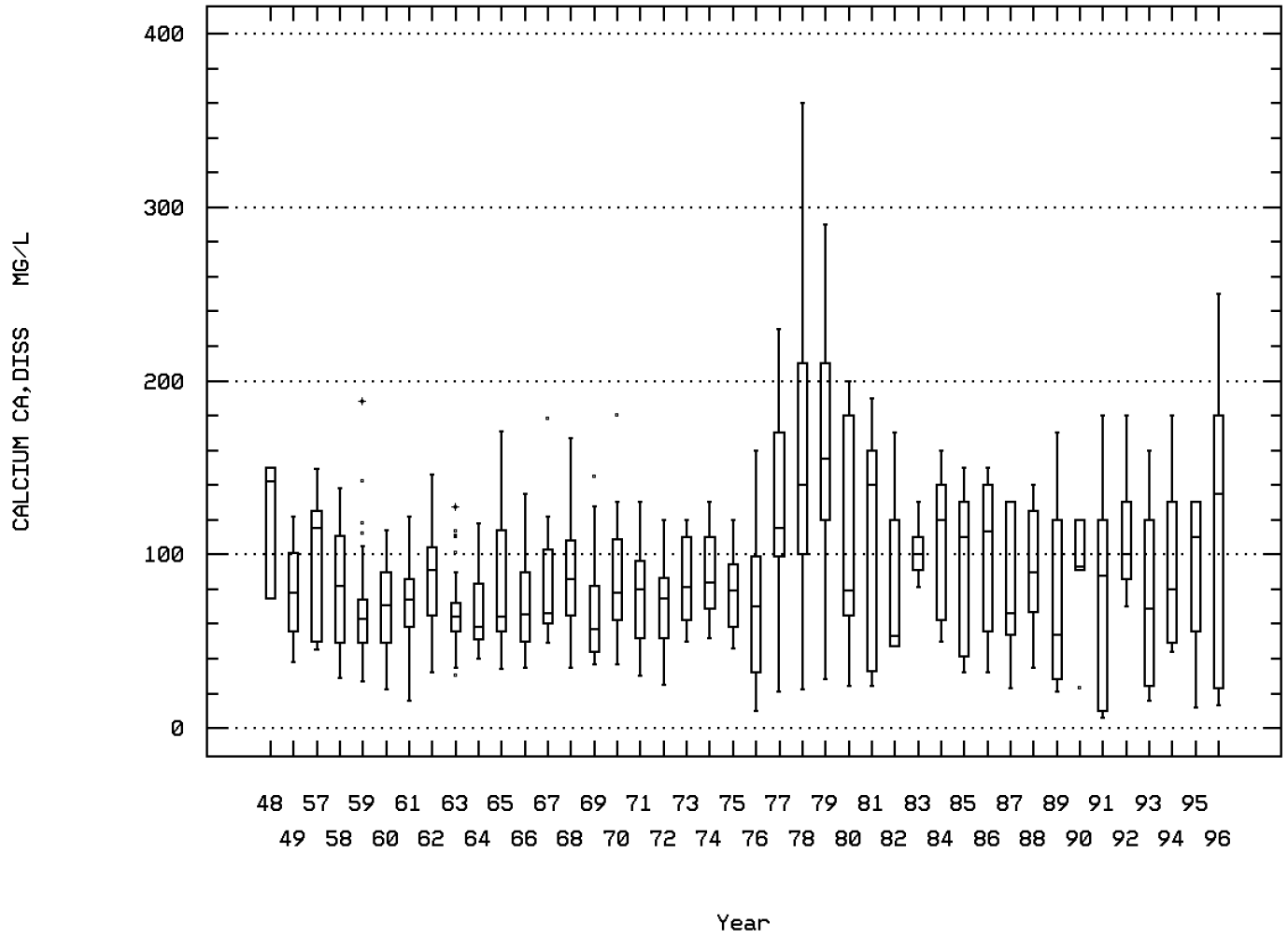
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00915

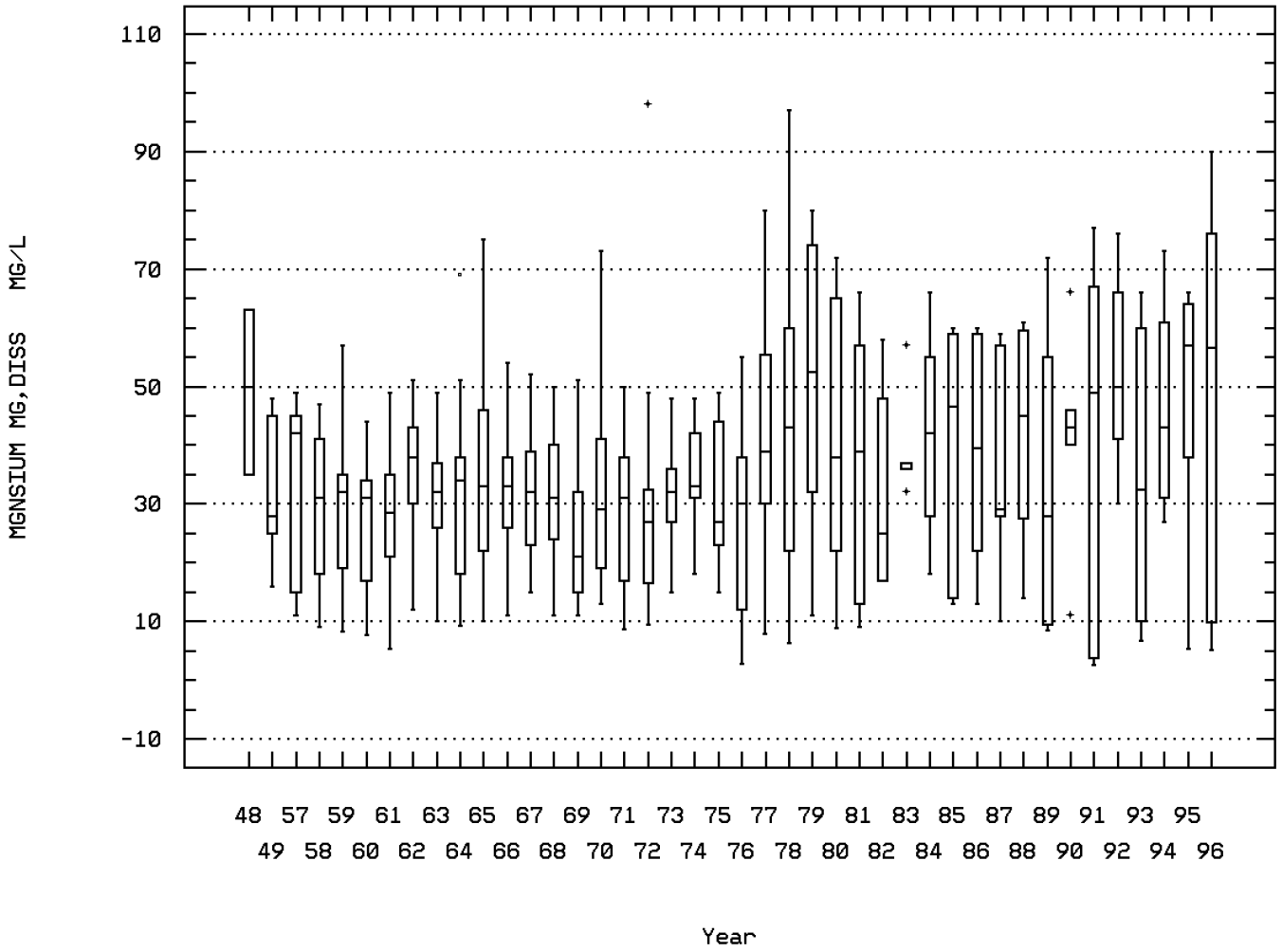
CALCIUM, DISSOLVED (MG/L AS CA)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00925

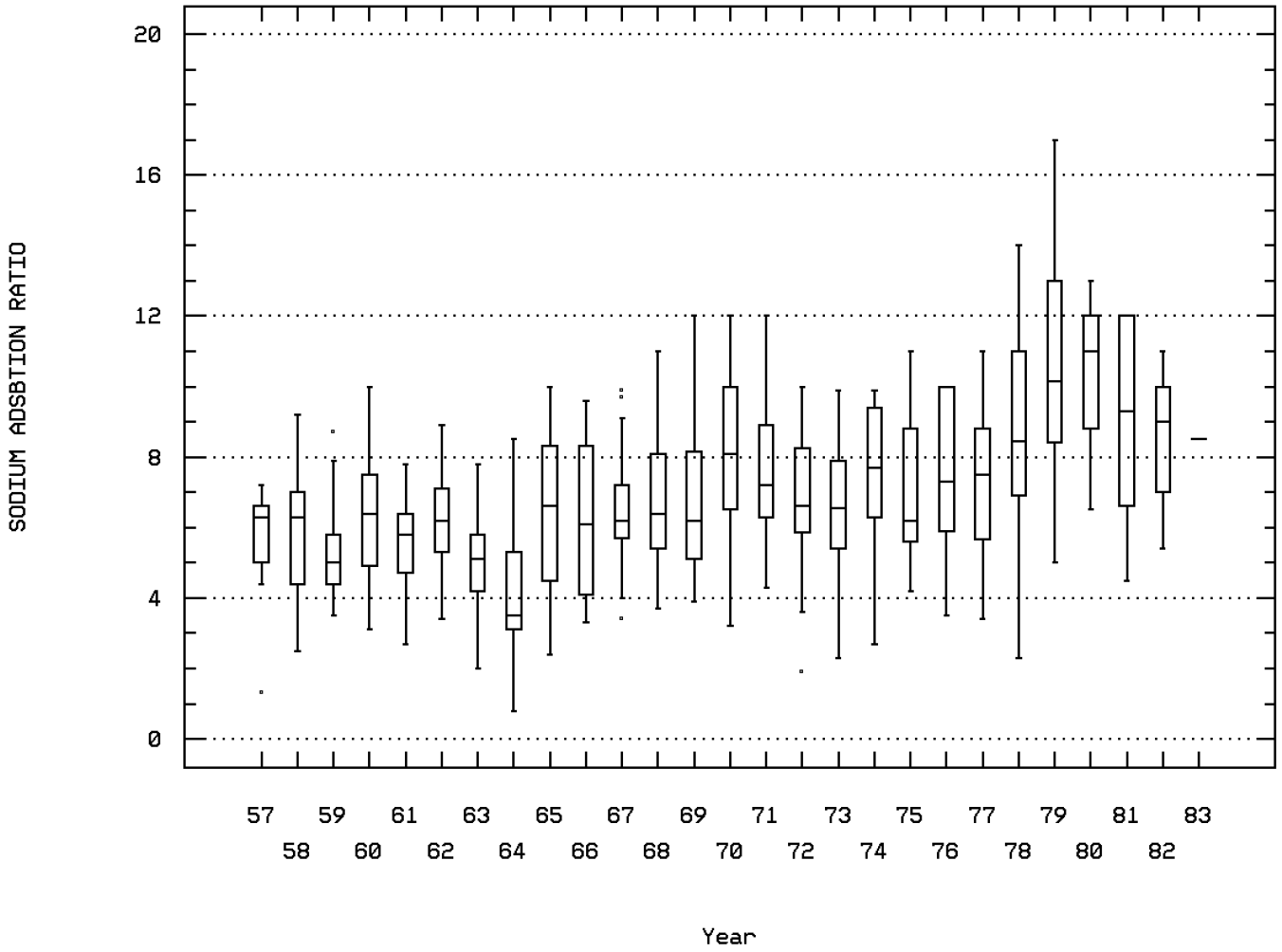
MAGNESIUM, DISSOLVED (MG/L AS MG)



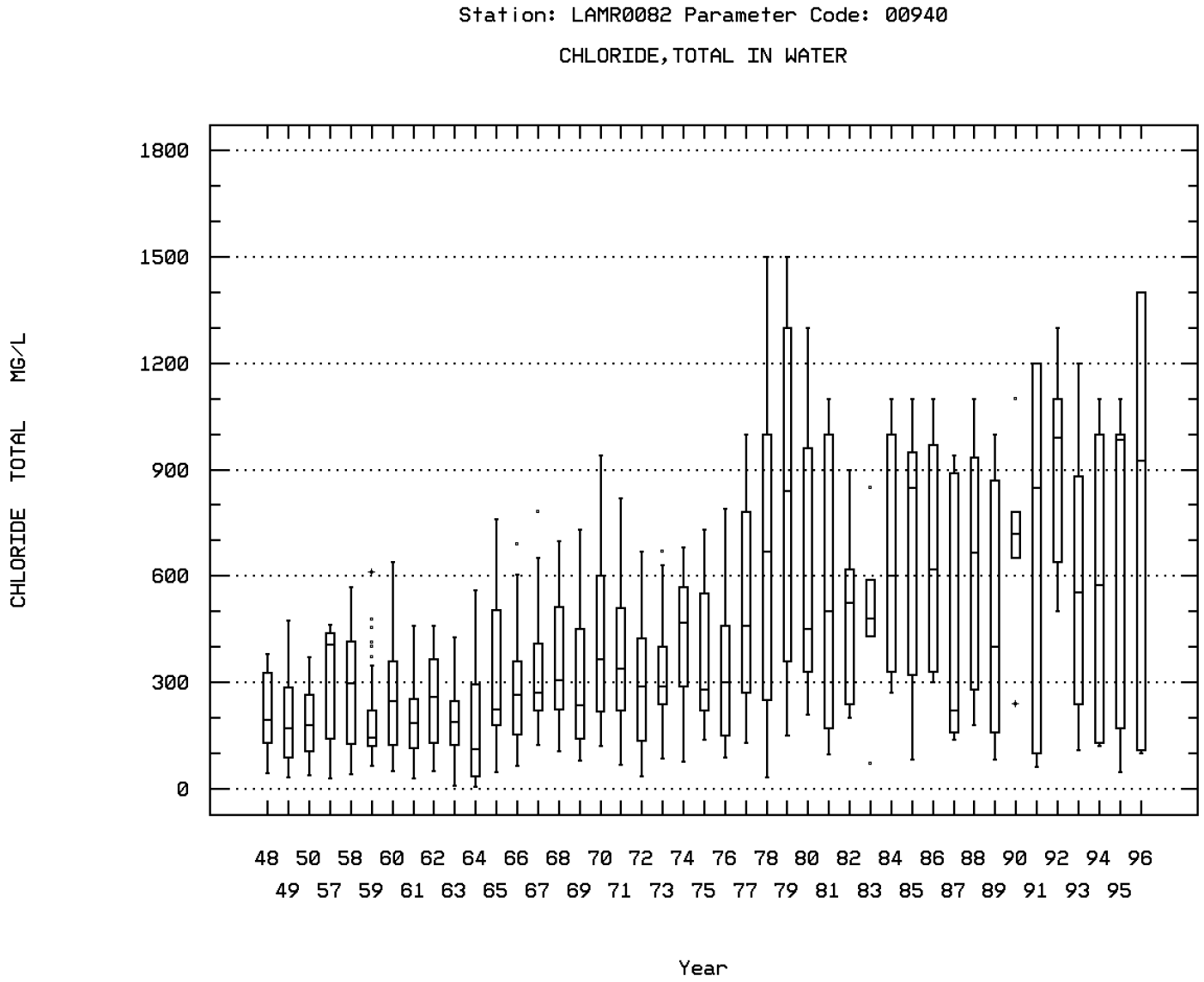
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00931

SODIUM ADSORPTION RATIO



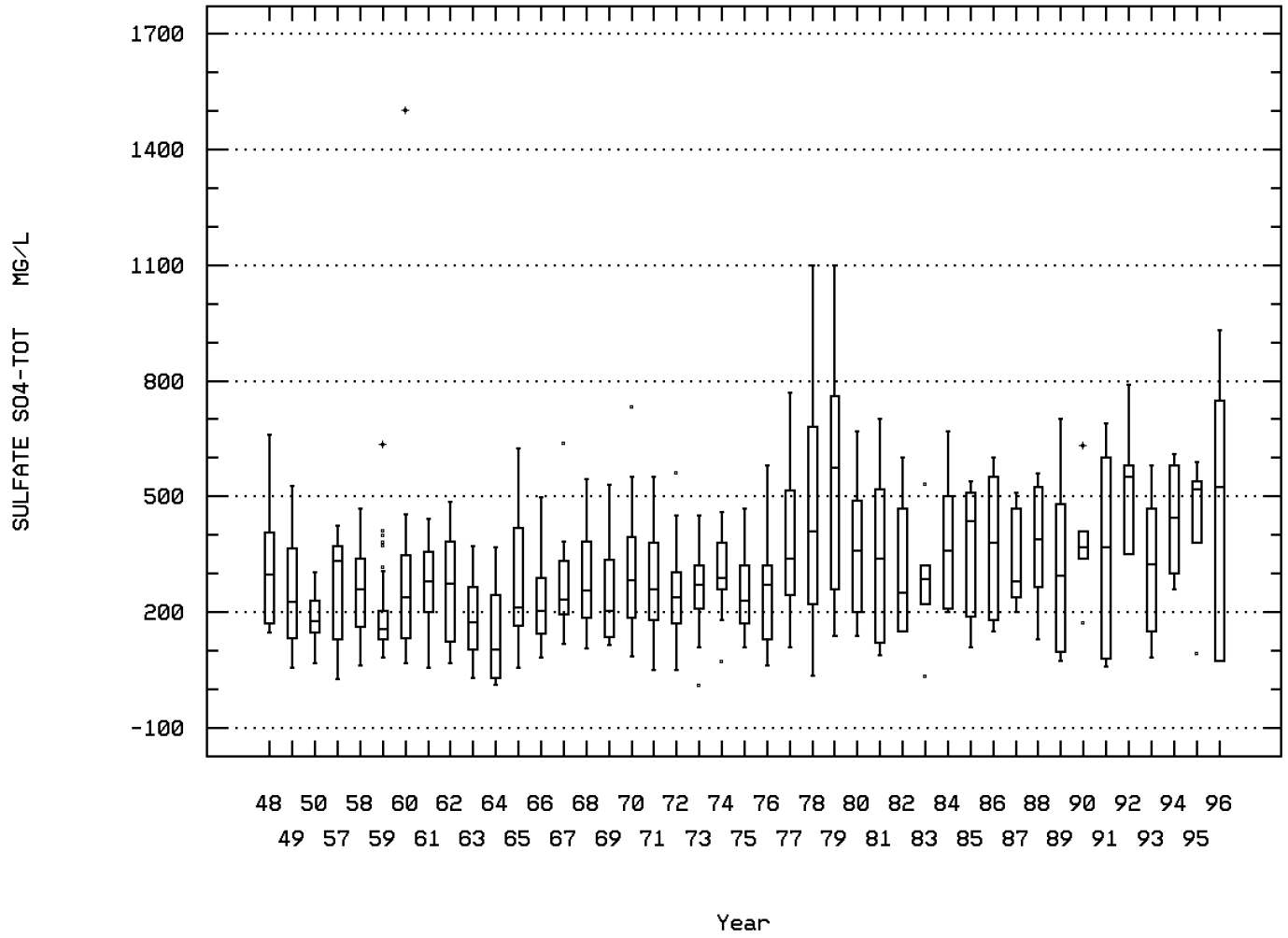
CANADIAN RIVER NR AMARILLO, TX



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00945

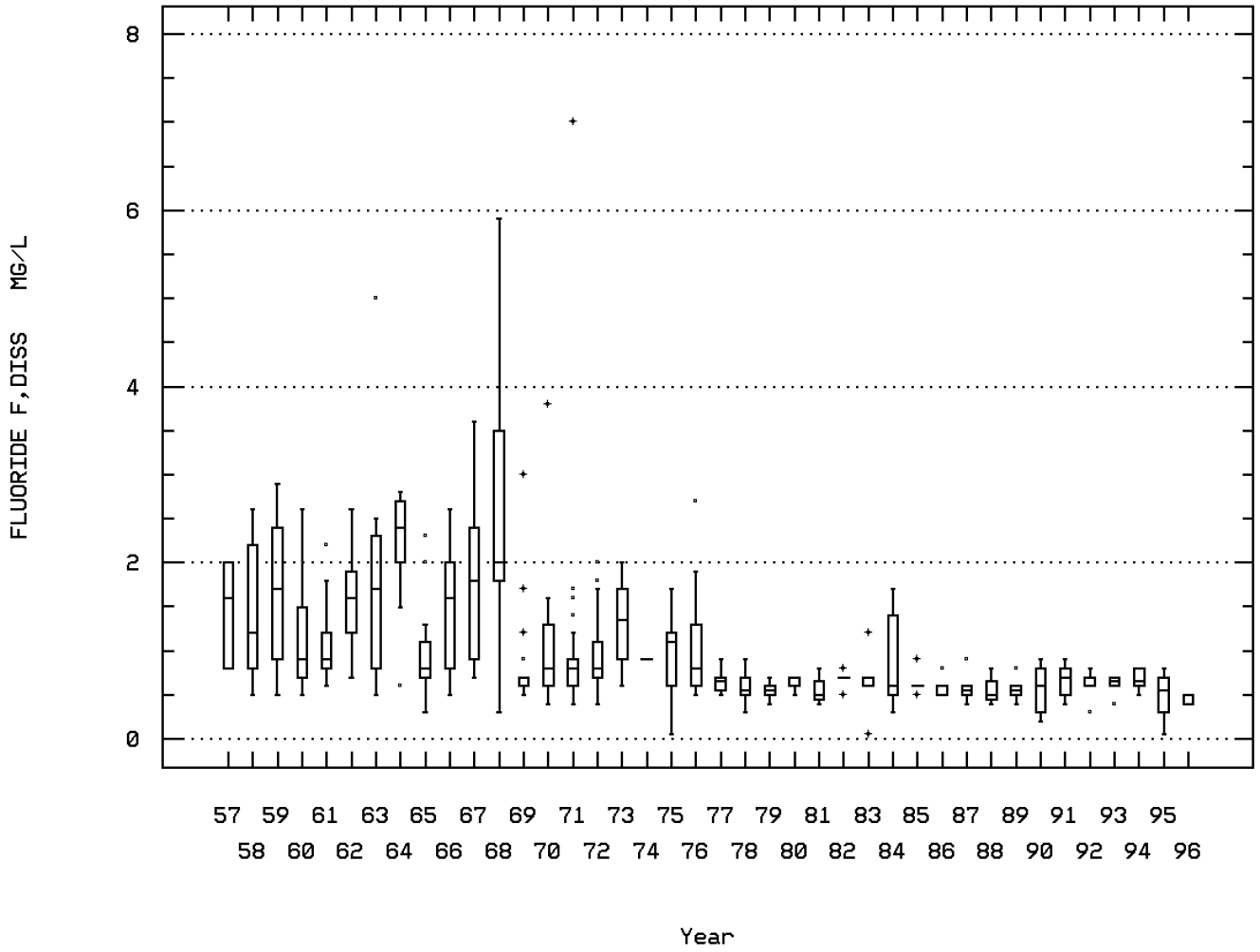
SULFATE, TOTAL (MG/L AS SO4)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00950

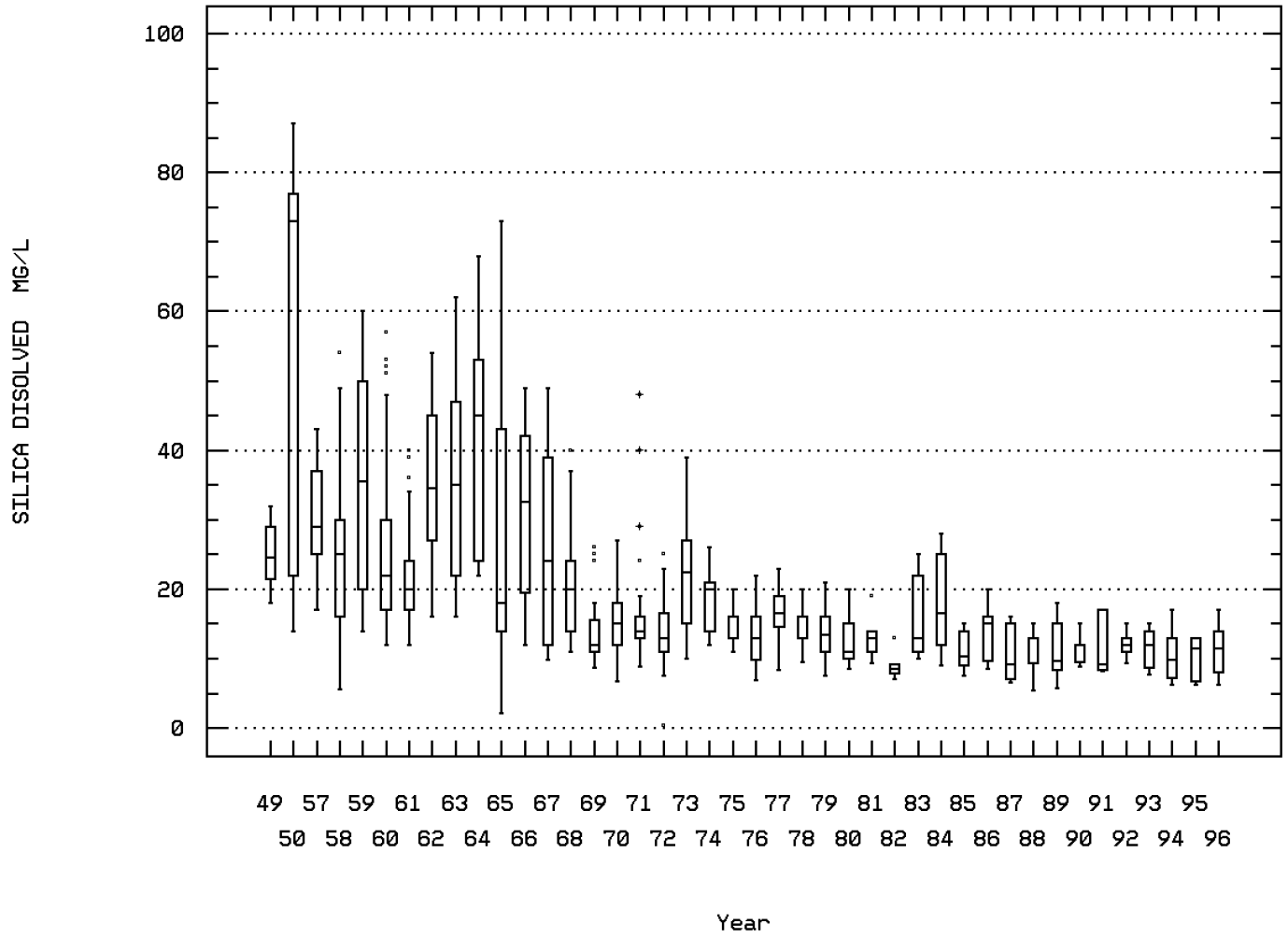
FLUORIDE, DISSOLVED (MG/L AS F)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00955

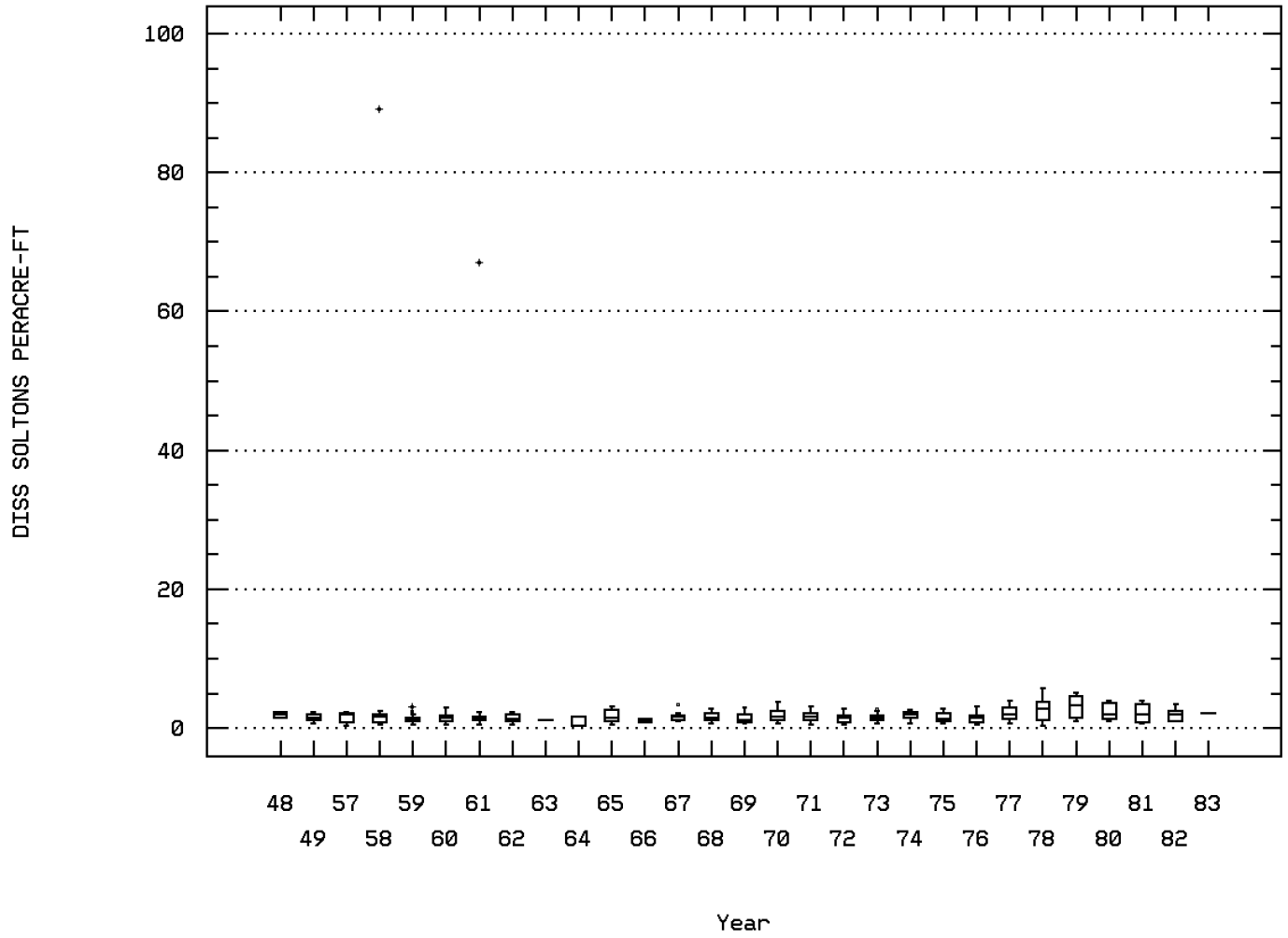
SILICA, DISSOLVED (MG/L AS SI02)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 70303

SOLIDS, DISSOLVED-TONS PER ACRE-FT



CANADIAN RIVER NR AMARILLO, TX

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	154	22.	21.54	32.5	5.5	34.148	5.844	13.	18.45	25.125	29.45
00025	BAROMETRIC PRESSURE (MM OF HG)	10/28/82-02/19/97	43	685.	687.977	762.	672.	197.785	14.064	677.	680.	691.	700.
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	413	149.	586.613	12500.	2.	1690465.306	1300.179	12.	35.	570.5	1476.
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	417	382.	2758.042	56200.	0.03	39821247.414	6310.408	11.8	60.	2145.	7232.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/70-08/24/78	28	54.5	1238.571	11000.	1.	8450212.254	2906.925	6.7	15.	445.	5950.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/20/78-08/26/86	27	88.	2656.989	24000.	3.	32680762.065	5716.709	4.48	20.	3200.	10120.
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/70-08/26/86	55	10.	67.955	2500.	0.	113153.317	336.383	5.	5.	20.	68.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	579	1410.	1615.14	6150.	14.	774214.858	879.895	761.	1040.	1960.	2600.
00300p	OXYGEN, DISSOLVED MG/L	09/20/64-02/19/97	92	8.75	9.202	18.5	0.3	6.323	2.515	6.8	7.6	10.75	12.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/14/68-03/21/83	49	102.	111.082	218.	64.	1084.535	32.932	81.	85.	130.5	157.
00310	BOD, 5 DAY, 20 DEG C MG/L	03/14/68-08/25/94	86	3.15	5.15	25.	0.2	27.752	5.268	0.97	1.575	7.125	13.2
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	535	7.8	7.696	8.9	6.3	0.254	0.504	7.	7.4	8.1	8.3
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	535	7.8	7.383	8.9	6.3	0.351	0.593	7.	7.4	8.1	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	535	0.016	0.041	0.501	0.001	0.004	0.064	0.005	0.008	0.04	0.1
00403	PH, LAB, STANDARD UNITS SU	12/04/80-07/11/96	53	8.2	8.132	8.7	7.4	0.091	0.302	7.64	8.	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	12/04/80-07/11/96	53	8.2	8.019	8.7	7.4	0.104	0.323	7.64	8.	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/80-07/11/96	53	0.006	0.01	0.04	0.002	0.	0.008	0.003	0.005	0.01	0.023
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	81	2.4	8.253	212.	0.4	593.455	24.361	1.3	1.8	6.15	15.4
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	309	177.	175.511	327.	16.	951.549	30.847	140.	160.	190.	210.
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	486	216.	222.949	530.	0.	2755.558	52.493	176.	195.75	238.	276.6
00445p	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	397	0.	0.715	31.	0.	10.093	3.177	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/70-08/26/86	55	240.	3936.527	69200.	2.	111177355.291	10544.067	12.8	30.	1760.	14460.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/27/71-08/26/86	50	21.5	407.27	9920.	0.	2022707.441	1422.219	3.1	6.	269.	1074.
00600	NITROGEN, TOTAL (MG/L AS N)	05/01/74-03/21/83	31	1.9	4.076	19.	0.11	21.628	4.651	0.412	0.71	6.2	9.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/14/70-03/21/83	44	0.98	1.62	9.9	0.	5.138	2.267	0.18	0.373	1.675	4.15
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/16/69-11/17/92	76	0.09	0.903	13.	0.	6.029	2.455	0.017	0.04	0.215	2.85
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/63-11/07/96	63	0.005	0.06	1.4	0.	0.045	0.212	0.	0.	0.012	0.06
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/16/69-11/17/92	76	0.03	0.228	3.2	0.	0.238	0.488	0.005	0.01	0.173	0.764
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/27/60-08/17/68	18	4.3	4.575	14.	0.63	14.039	3.747	0.792	2.225	5.475	11.3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	130	1.5	1.99	9.7	0.	3.682	1.919	0.096	0.7	2.9	4.78
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/20/78-11/07/96	12	0.3	0.342	1.1	0.1	0.066	0.257	0.1	0.225	0.375	0.89
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/74-11/17/92	61	1.1	2.466	20.	0.	14.086	3.753	0.304	0.46	2.35	8.08
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/74-11/17/92	61	0.29	0.762	5.3	0.	1.565	1.251	0.02	0.05	0.705	2.82
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	98	1.9	4.525	19.	0.06	26.892	5.186	0.305	0.54	8.475	13.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/69-11/17/92	77	0.59	1.966	17.	0.005	10.308	3.211	0.02	0.06	2.85	5.64
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/78-11/07/96	12	0.02	0.022	0.05	0.005	0.	0.013	0.005	0.009	0.03	0.044
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/25/72-08/26/86	46	9.2	18.235	81.	1.7	454.097	21.31	2.65	4.275	26.5	52.3
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	481	252.	276.164	900.	36.	15687.175	125.248	138.2	182.	339.	434.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	462	66.5	100.857	750.	0.	13708.11	117.082	0.	10.	156.	256.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	505	62.	68.589	250.	5.9	1146.499	33.86	35.	47.	84.	110.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	505	26.	27.078	98.	2.5	202.94	14.246	11.	16.	33.	44.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	419	210.	240.644	960.	21.	22284.526	149.28	110.	143.	287.	410.
00931	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	416	6.	6.198	17.	0.8	4.905	2.215	3.5	4.8	7.275	9.3
00932p	SODIUM, PERCENT	10/19/48-01/06/83	205	66.	65.712	89.	43.	47.882	6.92	56.6	63.	70.	73.
00933p	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	96	252.5	302.948	950.	58.	28435.166	168.627	130.	180.5	367.	489.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	173	6.5	8.328	76.	1.8	46.282	6.803	3.54	5.	9.15	15.
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	572	212.	267.035	1500.	6.	47548.843	218.057	82.3	120.25	326.	520.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	570	203.5	233.121	1500.	10.	22607.003	150.356	88.1	130.	293.5	408.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	444	0.8	1.112	5.9	0.1	0.581	0.762	0.5	0.6	1.4	2.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	526	18.	21.305	79.	2.2	167.764	12.952	9.57	12.	25.	41.3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/14/70-06/05/96	44	4.	4.227	10.	0.	7.377	2.716	0.25	2.	5.	9.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/06/76-06/05/96	28	190.	216.786	800.	50.	25098.397	158.425	50.	100.	300.	400.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/14/70-06/05/96	44 ##	0.5	0.443	2.	0.	0.305	0.552	0.	0.	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/28/71-06/05/96	43 ##	0.	2.907	30.	0.	30.432	5.516	0.	0.	5.	10.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/14/70-07/16/91	17 ##	0.	0.324	2.	0.	0.404	0.636	0.	0.	0.5	1.6
01040	COPPER, DISSOLVED (UG/L AS CU)	10/14/70-06/05/96	44	4.	4.182	27.	0.	21.675	4.656	0.	1.	5.	9.5
01046	IRON, DISSOLVED (UG/L AS FE)	10/14/70-06/05/96	44	30.	67.443	590.	1.5	14636.433	120.981	5.	6.	58.25	185.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/14/70-06/05/96	44 ##	0.5	1.989	26.	0.	18.064	4.25	0.	0.	2.5	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/14/70-06/05/96	44	10.	35.261	210.	0.	3029.087	55.037	0.75	5.	30.	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

Seasonal Analysis for Season #1: 4/15 to 10/31 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/14/70-07/16/91	17	0.	2.235	10.	0.	10.316	3.212	0.	0.	4.	7.6
01075	SILVER, DISSOLVED (UG/L AS AG)	10/06/76-06/05/96	28 ##	0.	0.232	0.5	0.	0.064	0.254	0.	0.	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/14/70-07/16/91	17	1400.	1382.941	2400.	200.	317197.059	563.203	232.	1095.	1750.	2000.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/14/70-06/05/96	44	10.	17.261	80.	0.	394.203	19.855	0.75	2.375	20.	45.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/14/70-07/16/91	17	60.	59.824	90.	17.	503.029	22.428	19.4	40.	80.	90.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/06/76-06/05/96	28 ##	0.5	0.607	1.	0.	0.081	0.284	0.45	0.5	1.	1.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	92	0.1	0.398	3.9	0.	0.651	0.807	0.	0.08	0.228	0.918
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	24	0.	0.033	0.2	0.	0.005	0.07	0.	0.	0.	0.2
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/22/68-06/09/81	34	0.	0.013	0.08	0.	0.001	0.023	0.	0.	0.02	0.055
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/14/70-06/09/81	24	0.	0.033	0.2	0.	0.005	0.07	0.	0.	0.	0.2
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/04/68-06/09/81	30	0.	0.001	0.03	0.	0.	0.005	0.	0.	0.	0.
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/14/70-06/09/81	24	0.	0.75	15.	0.	9.304	3.05	0.	0.	0.	1.
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	34	0.	0.	0.01	0.	0.	0.002	0.	0.	0.	0.
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	24	0.	0.038	0.2	0.	0.006	0.077	0.	0.	0.	0.2
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	24	0.	0.038	0.2	0.	0.005	0.071	0.	0.	0.075	0.2
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	34	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.005
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	24	0.	0.05	0.5	0.	0.014	0.118	0.	0.	0.	0.2
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	34	0.	0.001	0.02	0.	0.	0.004	0.	0.	0.	0.01
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/14/70-06/09/81	23	0.	0.035	0.2	0.	0.005	0.071	0.	0.	0.	0.2
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	24	0.	0.033	0.2	0.	0.005	0.07	0.	0.	0.	0.2
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/09/70-06/09/81	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/14/70-06/09/81	18	0.	0.556	5.	0.	2.614	1.617	0.	0.	0.	5.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	24	0.	0.033	0.2	0.	0.005	0.07	0.	0.	0.	0.2
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/14/70-06/09/81	24	0.	0.033	0.2	0.	0.005	0.07	0.	0.	0.	0.2
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/71-06/09/81	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/28/71-06/09/81	20	0.	5.05	100.	0.	499.524	22.35	0.	0.	0.	0.9
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	27	0.03	0.047	0.22	0.	0.003	0.055	0.	0.	0.07	0.136
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	33	0.04	0.123	1.	0.	0.048	0.218	0.	0.	0.13	0.476
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	33	0.01	0.041	0.66	0.	0.013	0.115	0.	0.	0.035	0.092
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	33	0.01	0.032	0.16	0.	0.002	0.046	0.	0.	0.05	0.112
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	117	782.	833.846	1760.	302.	102254.649	319.773	429.6	601.	1020.	1242.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	296	917.	1102.02	3760.	225.	374525.396	611.985	503.1	721.25	1412.5	1862.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	337	335.	900.627	11900.	0.23	2174696.23	1474.685	28.16	80.5	1105.	2274.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	347	1.19	1.567	67.	0.31	12.88	3.589	0.67	0.91	1.67	2.292
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	117	6.	13.092	85.	0.	270.832	16.457	2.5	3.35	16.	36.2
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	256	8.45	16.968	96.	0.	415.778	20.391	1.71	3.5	22.75	49.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/26/79-08/23/85	21	0.37	4.029	27.	0.03	62.413	7.9	0.06	0.105	2.1	21.2
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/01/74-03/21/83	31	8.4	18.058	83.	0.5	421.326	20.526	1.84	3.1	27.	45.2
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/28/71-06/05/96	43 ##	0.2	0.202	0.9	0.	0.041	0.203	0.05	0.05	0.25	0.46
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	252	15850.	20192.302	146900.	100.	422095573.964	20544.965	2100.	6225.	28075.	38330.

** - Less than 9 observations ## - Computed 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 4/14 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/49-02/19/97	105	5.5	6.757	22.	0.	27.058	5.202	0.5	2.75	10.	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	10/28/82-02/19/97	43	684.	684.907	701.	668.	62.134	7.883	675.	680.	690.	697.
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/57-01/24/74	242	31.	125.132	4830.	3.	200591.202	447.874	8.	14.	70.25	220.7

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

Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/19/38-02/19/97	134	30.5	147.828	6360.	1.	418972.895	647.281	6.	14.	79.75	210.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/70-08/24/78	18	22.5	49.833	350.	2.	6512.971	80.703	5.6	13.75	46.25	143.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/20/78-08/26/86	19	56.	80.921	270.	3.	6246.785	79.037	3.5	22.	140.	240.
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/70-08/26/86	38	9.	41.895	560.	0.	11380.853	106.681	0.	0.	21.25	123.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/48-02/19/97	336	2300.	2464.869	6250.	356.	1110709.923	1053.902	1277.	1692.5	3027.5	3963.
00300p	OXYGEN, DISSOLVED MG/L	09/20/64-02/19/97	74	12.7	12.726	18.	8.9	4.644	2.155	10.05	10.875	14.425	15.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/14/68-03/21/83	33	101.	110.667	180.	70.	798.479	28.257	83.4	89.5	125.	164.6
00310	BOD, 5 DAY, 20 DEG C MG/L	03/14/68-08/25/94	68	2.35	6.859	79.	0.	151.965	12.327	0.4	1.1	7.55	17.3
00400p	PH (STANDARD UNITS)	10/19/48-02/19/97	325	7.7	7.654	8.7	6.5	0.279	0.529	6.9	7.2	8.1	8.3
00400p	CONVERTED PH (STANDARD UNITS)	10/19/48-02/19/97	325	7.7	7.347	8.7	6.5	0.374	0.612	6.9	7.2	8.1	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/48-02/19/97	325	0.02	0.045	0.316	0.002	0.003	0.057	0.005	0.008	0.063	0.126
00403	PH, LAB, STANDARD UNITS SU	12/04/80-07/11/96	47	8.2	8.153	8.4	7.9	0.02	0.141	7.9	8.	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	12/04/80-07/11/96	47	8.2	8.13	8.4	7.9	0.02	0.143	7.9	8.	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/80-07/11/96	47	0.006	0.007	0.013	0.004	0.	0.003	0.005	0.005	0.01	0.013
00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/60-08/18/80	44	3.7	6.102	25.	0.8	26.809	5.178	1.65	2.9	9.05	14.
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/59-05/15/90	177	189.	190.463	327.	118.	1192.614	34.534	152.	173.	204.5	236.
00440p	BICARBONATE ION (MG/L AS HCO3)	10/19/48-05/04/88	275	242.	249.2	472.	144.	2709.27	52.051	194.4	218.	267.	312.8
00445p	CARBONATE ION (MG/L AS CO3)	01/21/58-05/04/88	231	0.	0.632	24.	0.	9.347	3.057	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/70-08/26/86	38	48.	98.921	542.	2.	12240.777	110.638	8.8	25.75	149.5	253.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/27/71-08/26/86	36	11.	21.194	86.	0.	578.904	24.06	3.7	5.25	25.5	69.8
00600	NITROGEN, TOTAL (MG/L AS N)	05/01/74-03/21/83	18	2.9	4.264	20.	0.33	24.698	4.97	0.357	0.873	5.525	11.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/14/70-03/21/83	29	0.74	1.094	6.	0.	1.504	1.226	0.17	0.32	1.4	2.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/16/69-11/17/92	60	0.48	2.89	34.	0.	31.477	5.61	0.021	0.07	2.775	9.58
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/01/63-11/07/96	43	0.006	0.19	2.6	0.	0.266	0.516	0.	0.003	0.024	1.036
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/16/69-11/17/92	60	0.04	0.12	1.2	0.	0.043	0.206	0.005	0.01	0.15	0.295
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/27/60-08/17/68	2	2.555	2.555	5.	0.11	11.956	3.458	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/69-03/21/83	77	2.3	3.156	13.	0.01	10.226	3.198	0.206	0.63	4.65	7.9
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/20/78-11/07/96	12 ##	0.1	0.268	1.3	0.1	0.158	0.398	0.1	0.1	0.108	1.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/01/74-11/17/92	49	0.8	3.049	36.	0.1	38.432	6.199	0.3	0.45	3.05	8.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/01/74-11/17/92	48	0.205	0.421	4.3	0.025	0.432	0.657	0.045	0.105	0.5	0.846
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/01/63-06/22/79	67	11.	10.127	24.	0.1	32.111	5.667	0.904	5.3	16.	17.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/69-11/17/92	60	0.59	1.789	12.	0.005	7.716	2.778	0.031	0.175	2.15	5.65
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/78-11/07/96	12	0.015	0.042	0.21	0.005	0.005	0.07	0.005	0.005	0.028	0.198
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/25/72-08/26/86	31	6.2	9.332	60.	2.1	117.008	10.817	2.5	2.7	12.	18.6
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/48-01/06/83	279	410.	409.674	1300.	101.	20700.775	143.878	260.	312.	481.	559.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/48-01/06/83	278	189.	206.511	1100.	0.	21377.63	146.211	37.	108.5	275.25	360.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/48-11/07/96	319	102.	102.812	360.	27.	1443.009	37.987	60.	75.	120.	142.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/48-11/07/96	319	40.	40.194	97.	8.2	164.353	12.82	23.	33.	48.	57.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/01/57-11/07/96	275	332.	367.88	990.	23.	35981.425	189.688	165.	234.	456.	660.
00931	SODIUM ADSORPTION RATIO	10/01/57-01/06/83	256	7.2	7.16	14.	0.8	5.333	2.309	4.1	5.6	8.5	10.
00932p	SODIUM, PERCENT	10/19/48-01/06/83	123	66.	64.772	75.	49.	32.259	5.68	55.4	62.	69.	71.
00933p	SODIUM,PLUS POTASSIUM (MG/L)	10/19/48-02/28/80	48	390.	402.438	910.	86.	28009.528	167.36	181.	281.25	504.	613.7
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/59-11/07/96	132	7.3	8.692	25.	1.2	18.223	4.269	4.26	5.725	11.75	15.
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/12/48-11/07/96	330	400.	460.088	1500.	9.	81948.281	286.266	146.	252.	601.25	899.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/12/48-11/07/96	326	340.5	339.144	1100.	17.	24226.284	155.648	140.	233.75	425.	540.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/57-11/07/96	284	1.05	1.342	7.	0.05	0.762	0.873	0.5	0.7	2.	2.5
00955p	SILICA, DISSOLVED (MG/L AS SI02)	02/08/49-11/07/96	318	20.5	25.572	87.	0.4	203.521	14.266	12.	14.	34.	49.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/14/70-06/05/96	27	2.	3.204	10.	0.	7.428	2.725	0.9	2.	3.	10.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/06/76-06/05/96	20	100.	128.4	300.	50.	5762.042	75.908	50.	50.	200.	200.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/14/70-06/05/96	27 ##	0.5	0.685	5.	0.	1.041	1.02	0.	0.	1.	2.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/28/71-06/05/96	27 ##	0.5	2.537	20.	0.	18.806	4.337	0.	0.	5.	6.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/14/70-07/16/91	8 ##	0.	0.438	2.	0.	0.674	0.821	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/14/70-06/05/96	27	3.	4.185	25.	0.	24.349	4.934	0.5	1.	5.	8.6
01046	IRON, DISSOLVED (UG/L AS FE)	10/14/70-06/05/96	27	20.	49.037	720.	0.	18344.114	135.44	5.	5.	40.	60.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/14/70-06/05/96	27 ##	0.5	2.037	11.	0.	7.845	2.801	0.	0.5	2.5	6.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/14/70-06/05/96	27	40.	79.741	430.	4.	9392.892	96.917	9.8	20.	110.	226.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/14/70-07/16/91	8	4.5	4.875	12.	0.	16.125	4.016	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/06/76-06/05/96	21 ##	0.5	0.381	0.5	0.	0.048	0.218	0.	0.25	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/14/70-07/16/91	8	2200.	2175.	2700.	1400.	219285.714	468.28	**	**	**	**

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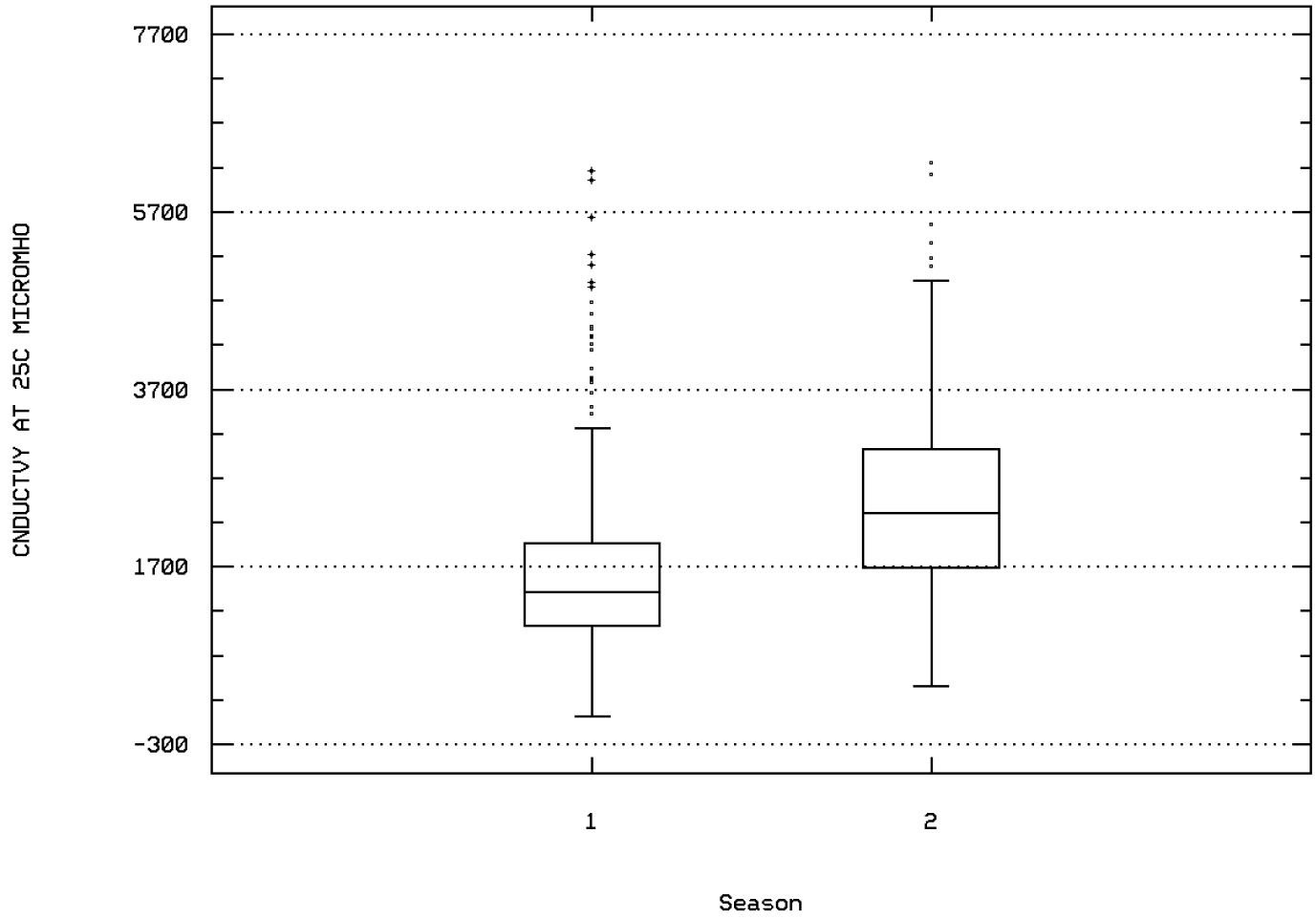
Seasonal Analysis for Season #2: 11/01 to 4/14 - Station LAMR0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/14/70-06/05/96	27	10.	17.519	100.	0.	475.798	21.813	3.2	5.	20.	38.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/14/70-07/16/91	8	85.	78.125	100.	55.	299.554	17.308	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/06/76-06/05/96	20 ##	0.5	0.625	1.	0.5	0.049	0.222	0.5	0.5	0.875	1.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/01/63-08/18/80	58	0.21	0.831	3.8	0.	1.189	1.091	0.05	0.1	0.93	3.11
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	13	0.	0.038	0.2	0.	0.006	0.077	0.	0.	0.05	0.2
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/22/68-06/09/81	18	0.01	0.015	0.07	0.	0.	0.02	0.	0.	0.02	0.052
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/14/70-06/09/81	13	0.	0.038	0.2	0.	0.006	0.077	0.	0.	0.05	0.2
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/04/68-06/09/81	14	0.	0.007	0.1	0.	0.001	0.027	0.	0.	0.	0.05
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/14/70-06/09/81	13	0.	0.269	1.	0.	0.192	0.439	0.	0.	0.75	1.
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.001	0.01	0.	0.	0.002	0.	0.	0.	0.001
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	13	0.	0.038	0.2	0.	0.006	0.077	0.	0.	0.05	0.2
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	13	0.	0.038	0.2	0.	0.006	0.077	0.	0.	0.05	0.2
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.002	0.02	0.	0.	0.005	0.	0.	0.	0.011
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	13	0.	0.038	0.2	0.	0.006	0.077	0.	0.	0.05	0.2
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.004	0.02	0.	0.	0.006	0.	0.	0.01	0.011
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/14/70-06/09/81	13	0.	0.115	1.1	0.	0.093	0.305	0.	0.	0.1	0.74
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	13	0.	0.038	0.2	0.	0.006	0.077	0.	0.	0.05	0.2
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/09/70-06/09/81	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/14/70-06/09/81	9	0.	0.556	5.	0.	2.778	1.667	0.	0.	0.	5.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/14/70-06/09/81	13	0.	0.038	0.2	0.	0.006	0.077	0.	0.	0.05	0.2
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/14/70-06/09/81	13	0.	0.038	0.2	0.	0.006	0.077	0.	0.	0.05	0.2
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/71-06/09/81	11	0.	0.282	3.	0.	0.814	0.902	0.	0.	0.	2.42
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/28/71-06/09/81	11	0.	0.455	5.	0.	2.273	1.508	0.	0.	0.	4.
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	13	0.04	0.053	0.25	0.	0.005	0.07	0.	0.	0.085	0.19
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/10/70-06/09/81	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.015	0.052	0.28	0.	0.006	0.08	0.	0.	0.07	0.208
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.009	0.08	0.	0.	0.02	0.	0.	0.01	0.044
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	03/22/68-06/09/81	18	0.	0.006	0.05	0.	0.	0.012	0.	0.	0.01	0.023
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/48-12/20/78	89	1370.	1319.539	2810.	409.	129189.092	359.429	818.	1085.	1545.	1670.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/59-06/05/96	173	1710.	1710.272	4170.	244.	531051.001	728.732	834.	1140.	2260.	2688.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/57-01/06/83	206	160.5	295.992	5330.	5.73	313033.398	559.494	28.27	69.225	297.	670.3
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/48-01/06/83	213	1.94	2.437	89.	0.33	36.145	6.012	1.13	1.48	2.41	3.07
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/19/48-09/01/62	84	20.	26.968	98.	0.	542.236	23.286	4.35	9.725	38.	62.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/59-09/16/69	145	24.	34.479	98.	0.	768.962	27.73	3.72	9.15	56.	75.8
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/26/79-08/23/85	12	1.25	3.968	17.	0.09	37.239	6.102	0.099	0.158	5.35	16.7
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/01/74-03/21/83	18	12.5	18.617	87.	1.5	465.214	21.569	1.59	3.875	24.5	51.
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/28/71-06/05/96	26 ##	0.05	0.113	0.3	0.05	0.008	0.088	0.05	0.05	0.213	0.25
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/19/38-08/18/80	36	900.	1990.694	15500.	20.	11387188.79	3374.491	200.	300.	1400.	6550.

** - Less than 9 observations ## - Computed 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: LAMR0082 Parameter Code: 00095

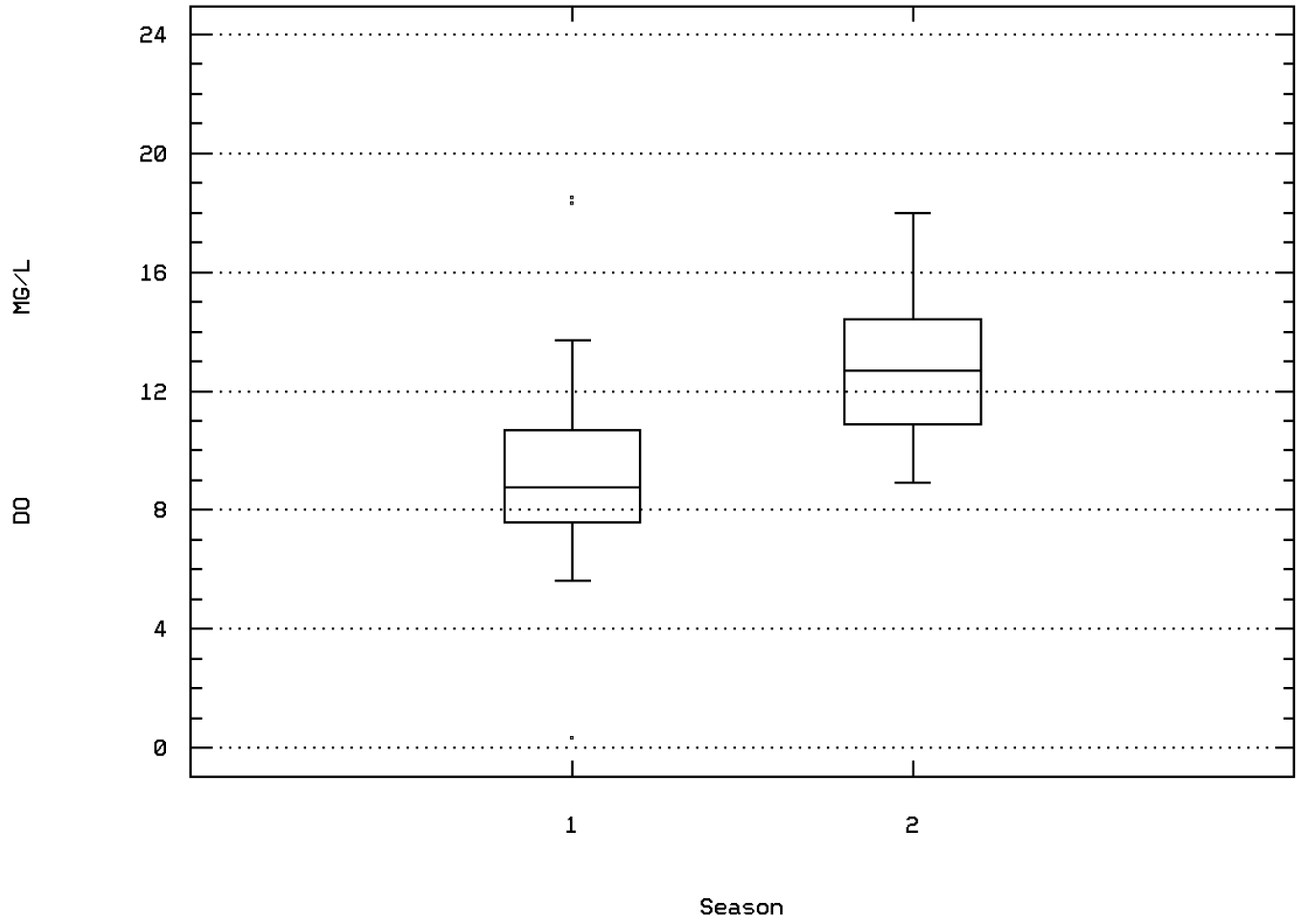
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



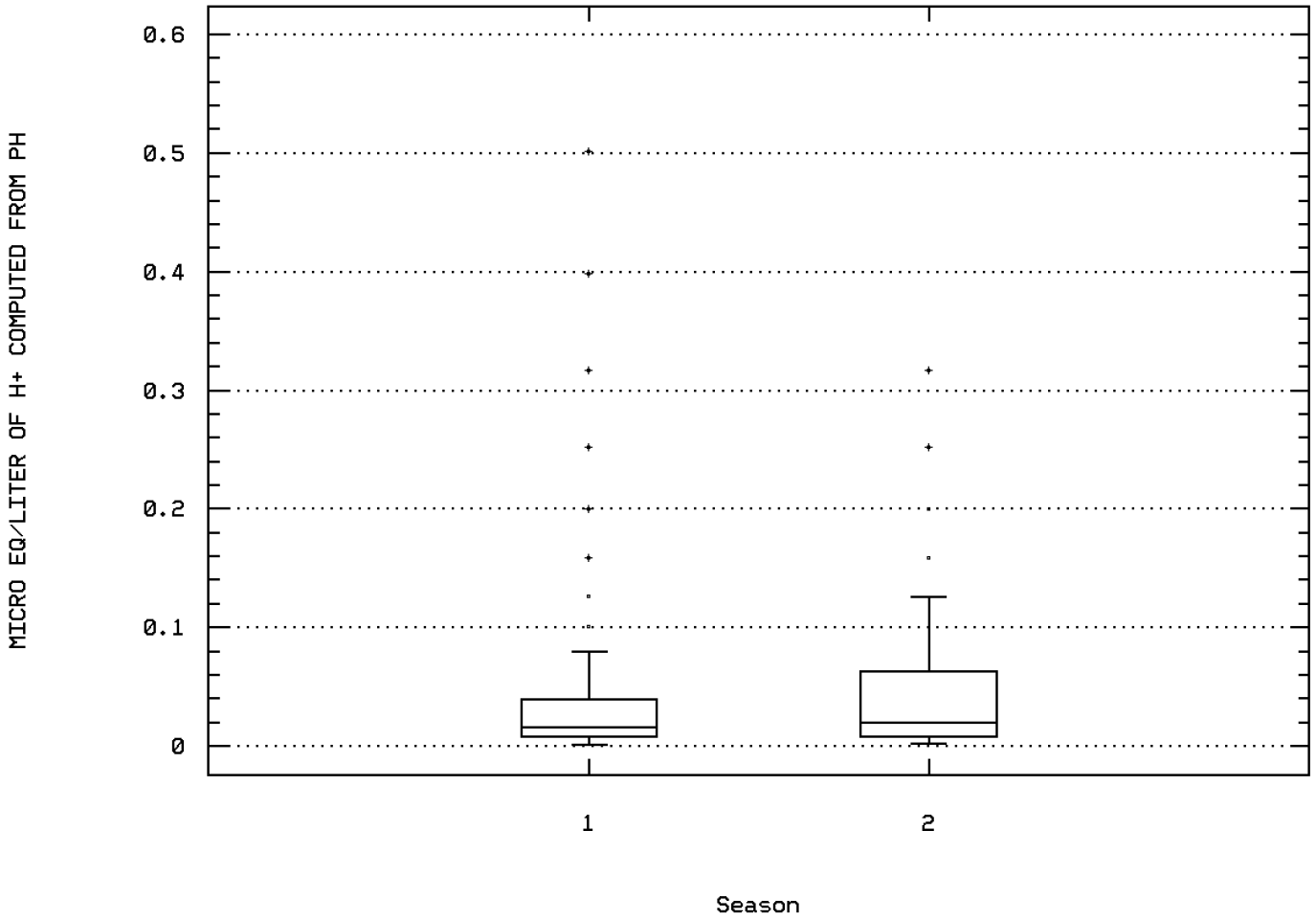
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00300

OXYGEN, DISSOLVED



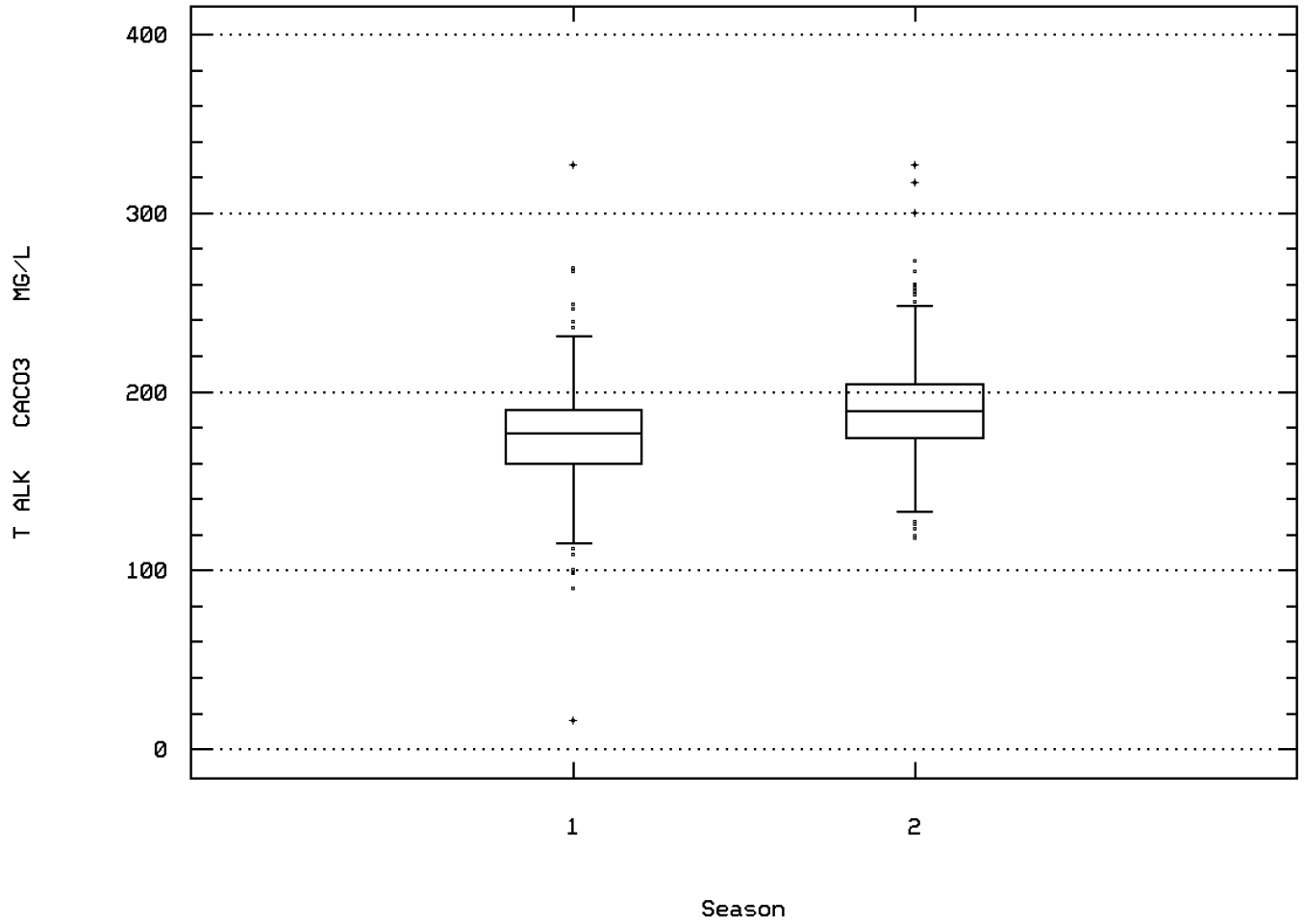
CANADIAN RIVER NR AMARILLO, TX



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00410

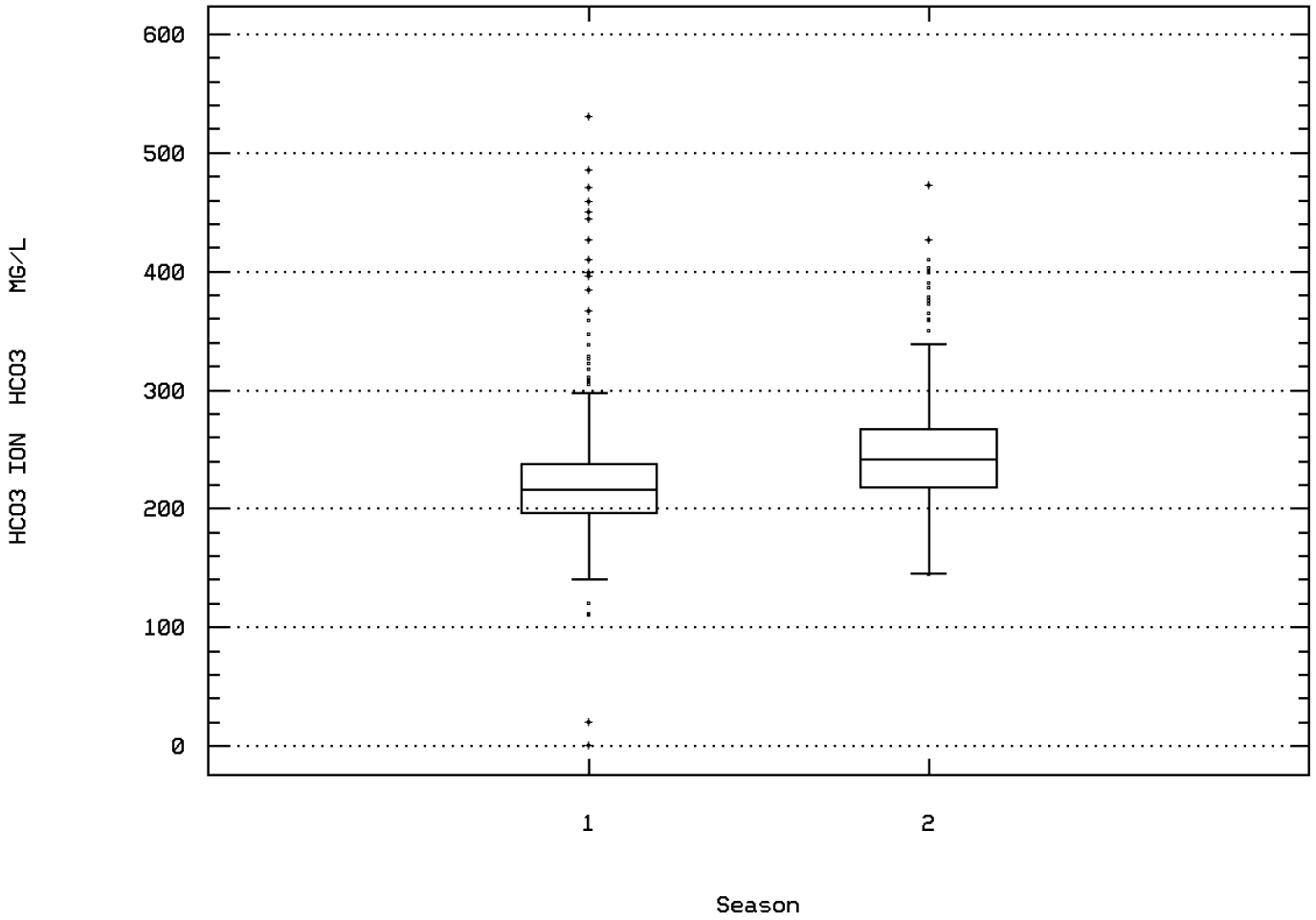
ALKALINITY, TOTAL (MG/L AS CACO3)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00440

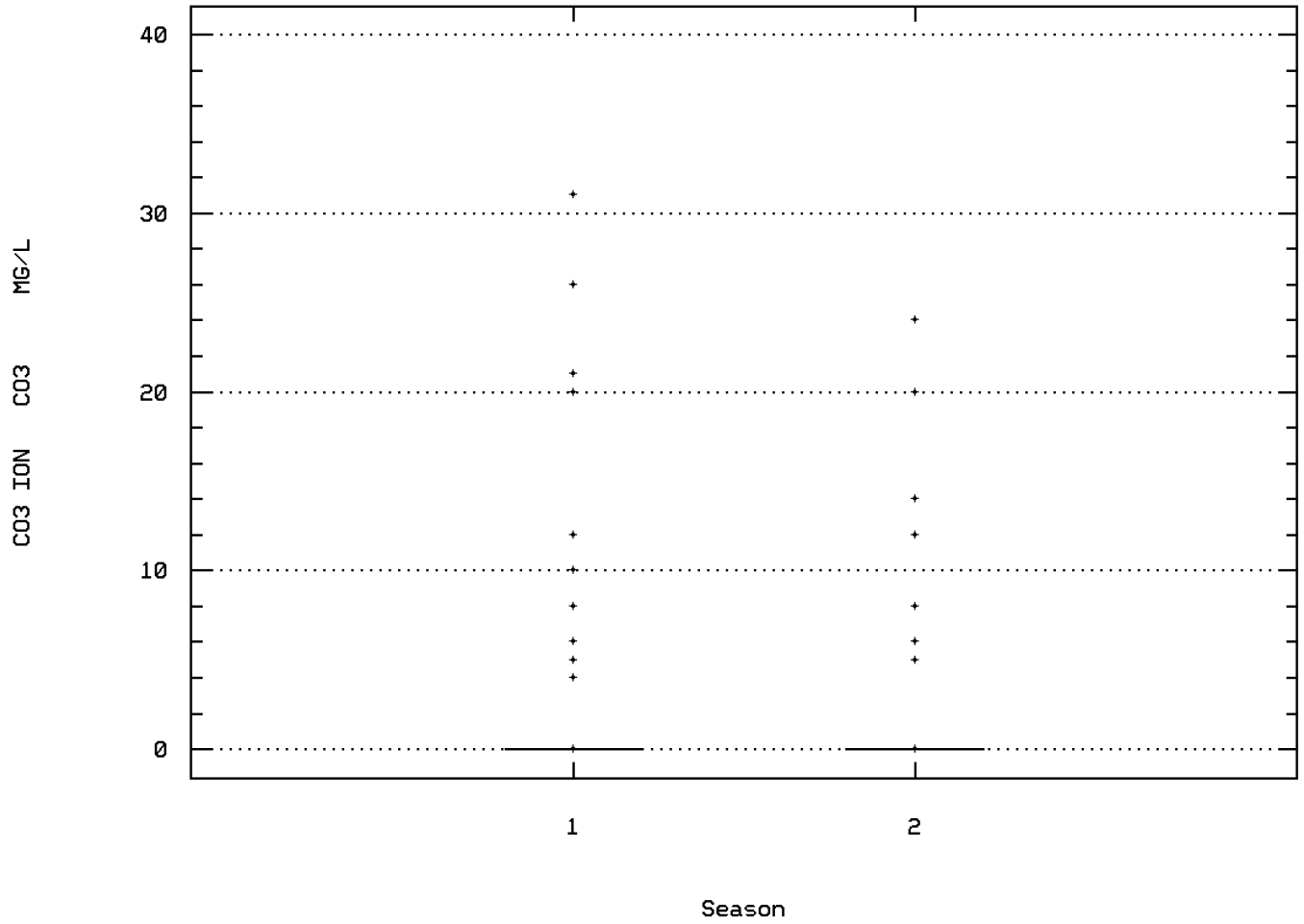
BICARBONATE ION (MG/L AS HCO3)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00445

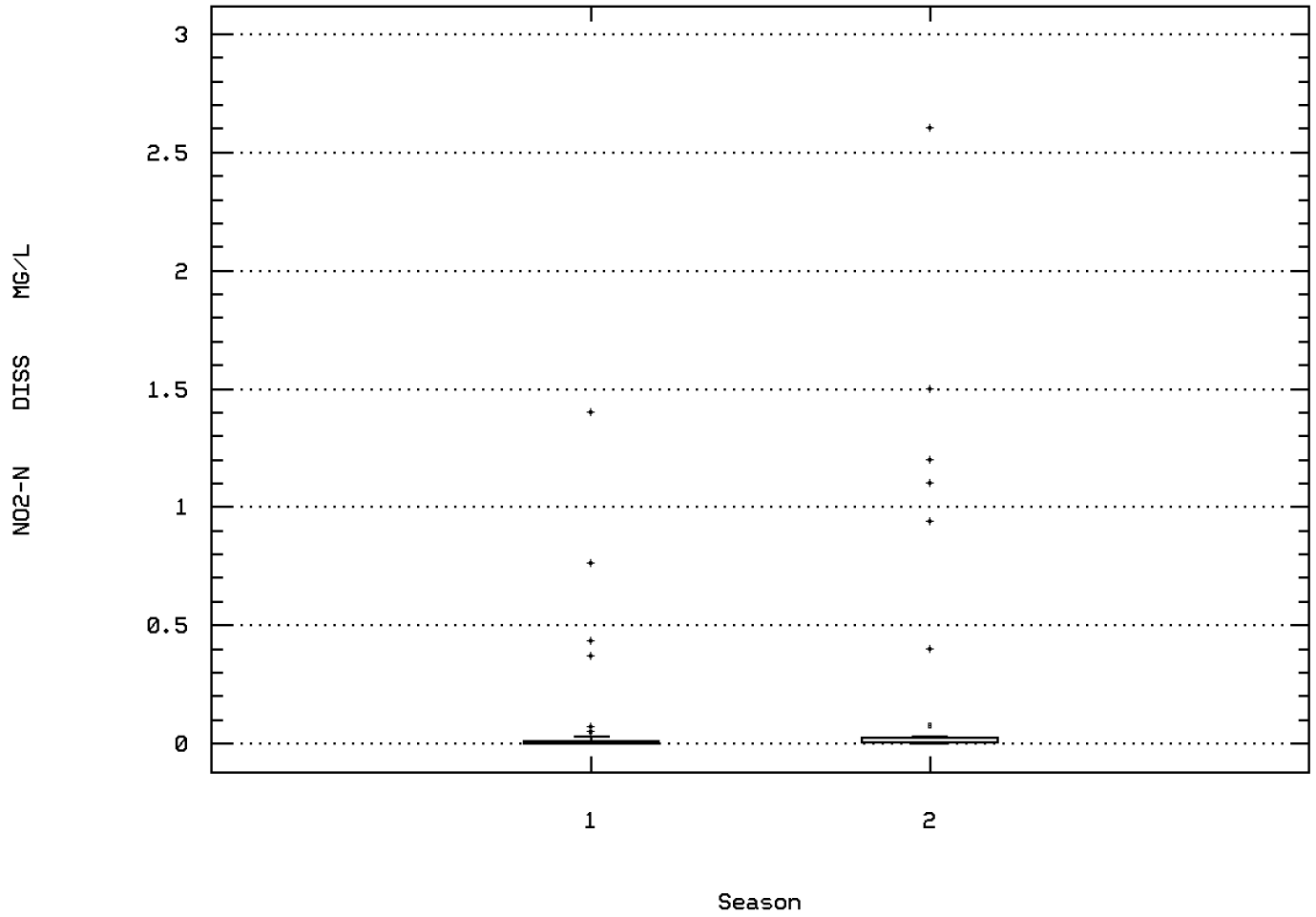
CARBONATE ION (MG/L AS CO3)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00613

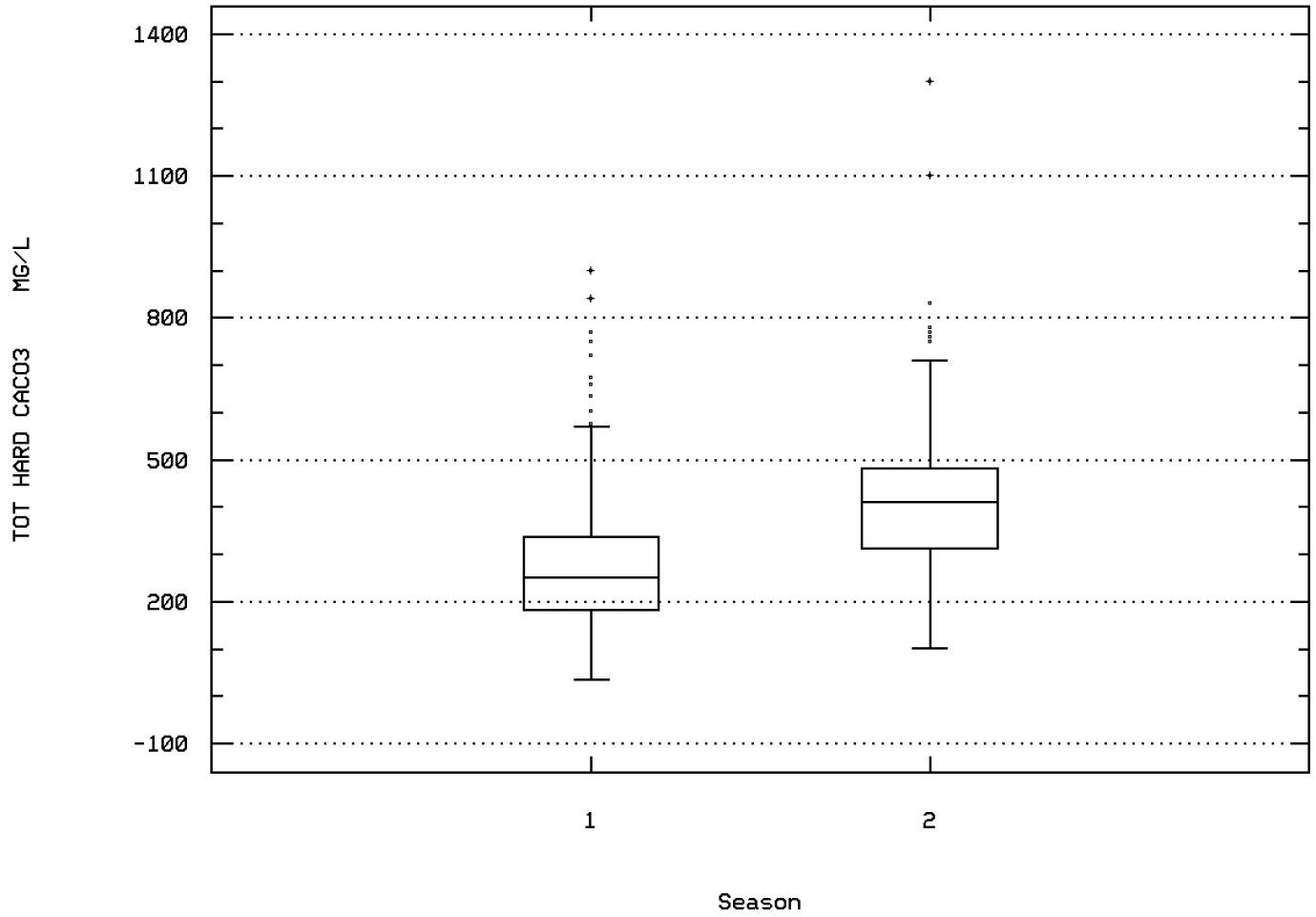
NITRITE NITROGEN, DISSOLVED (MG/L AS N)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00900

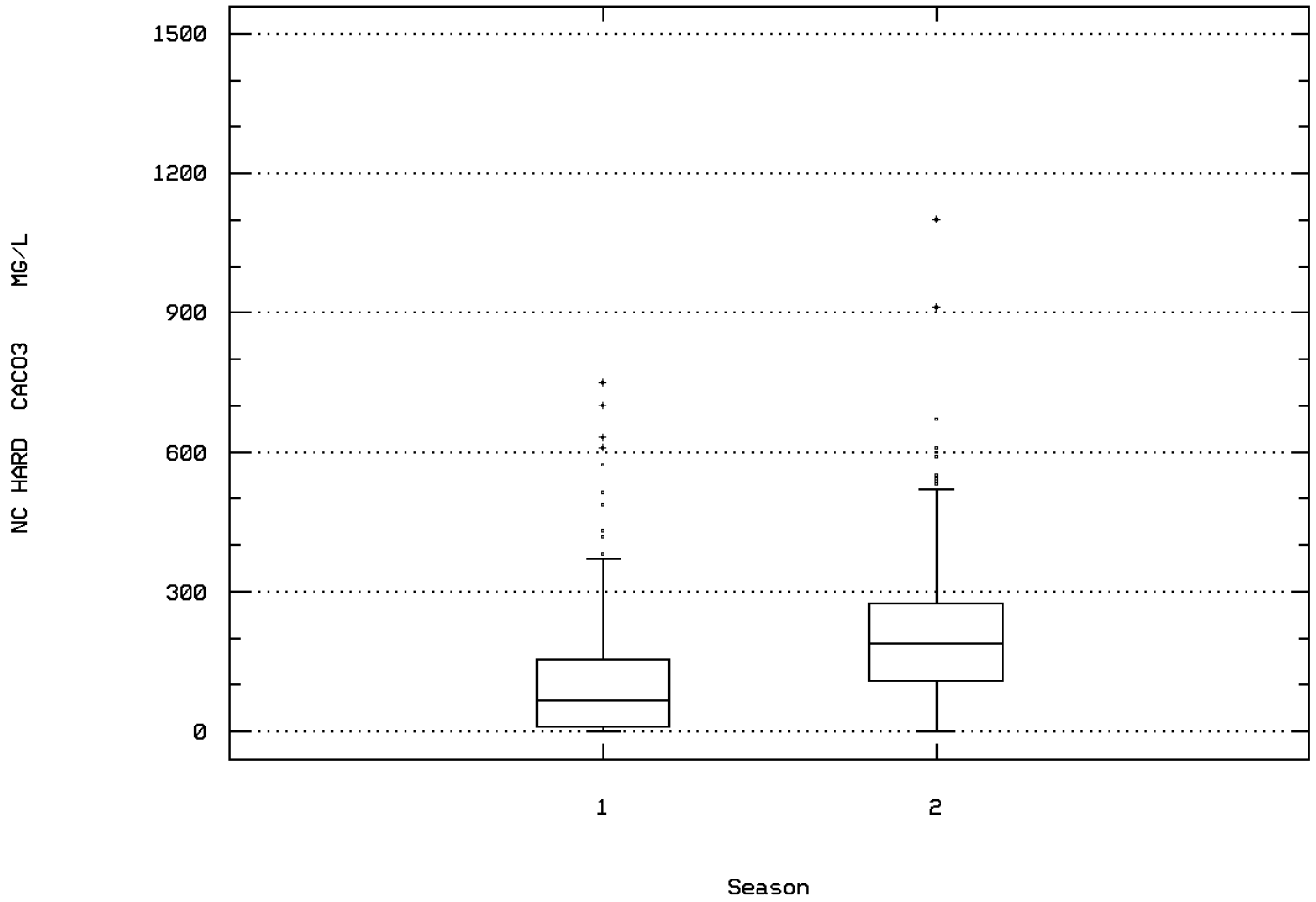
HARDNESS, TOTAL (MG/L AS CACO3)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00902

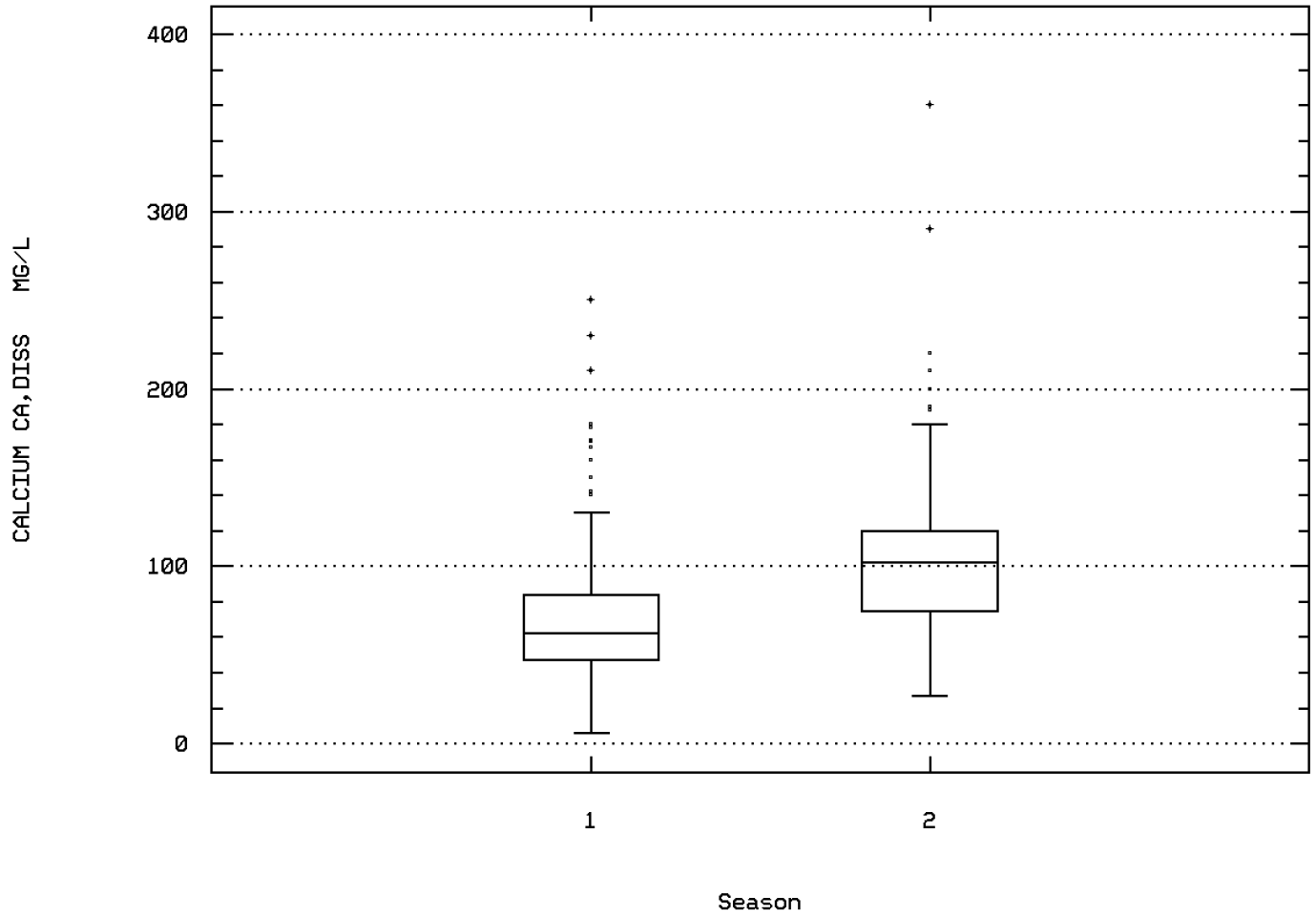
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00915

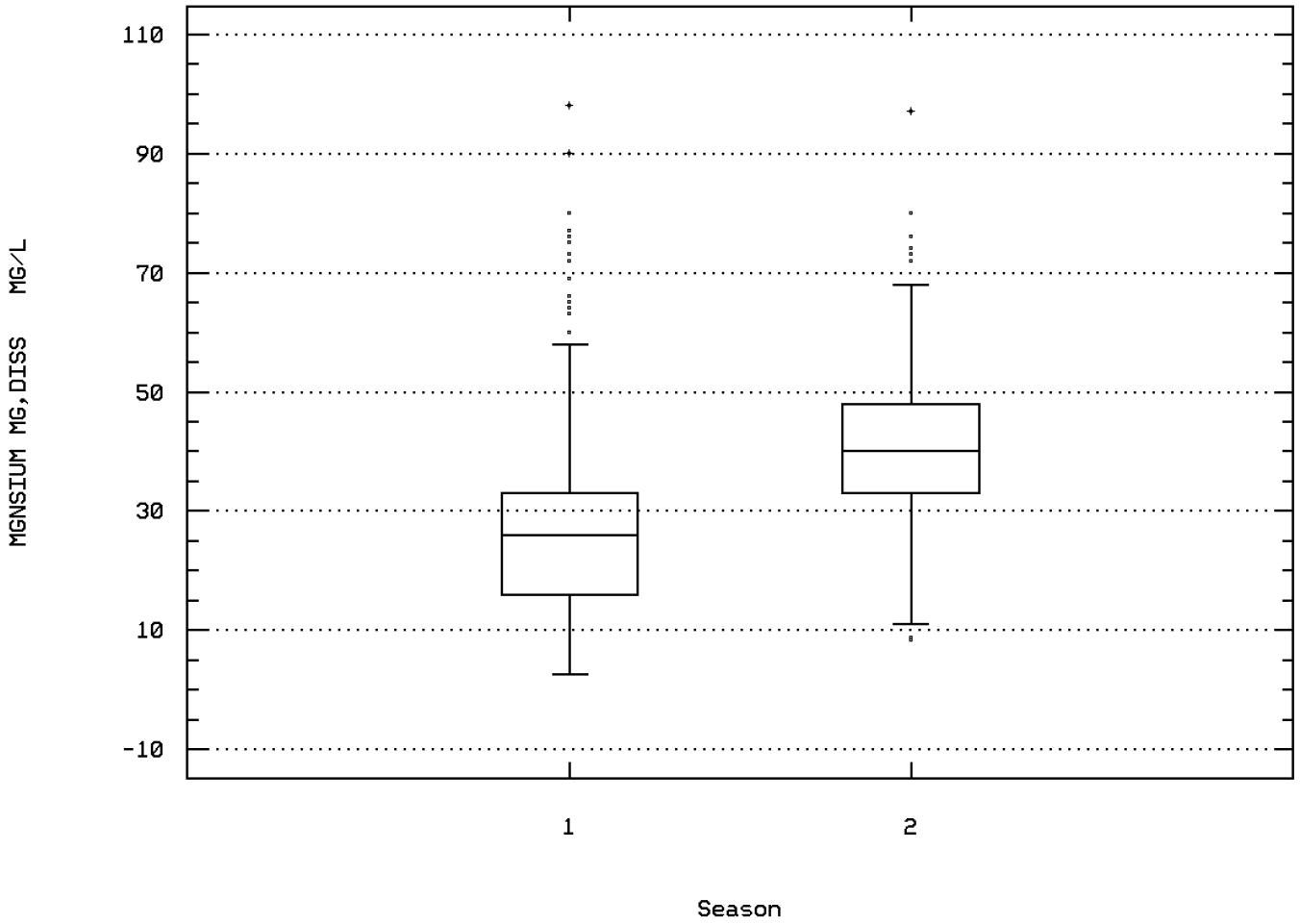
CALCIUM, DISSOLVED (MG/L AS CA)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00925

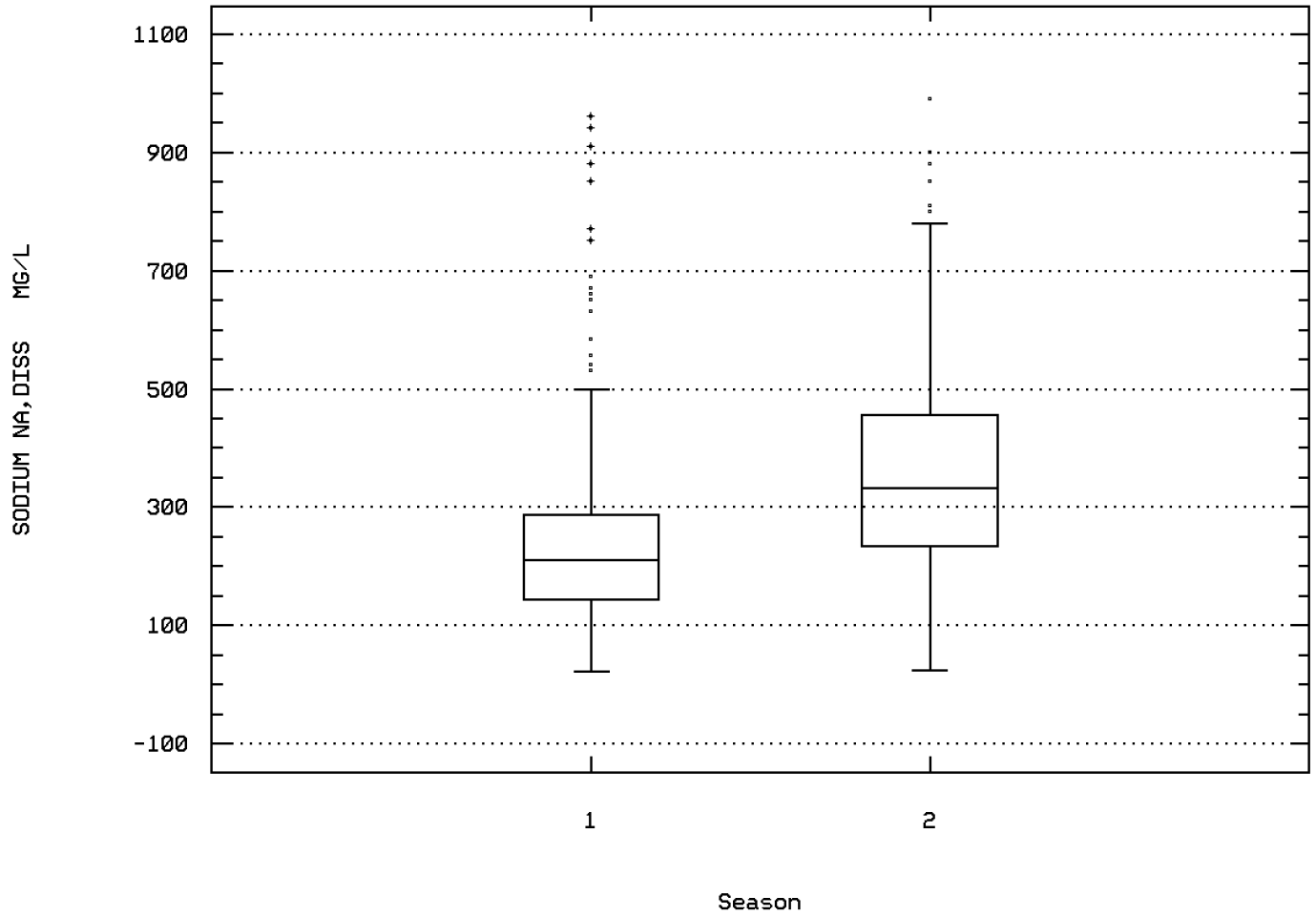
MAGNESIUM, DISSOLVED (MG/L AS MG)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00930

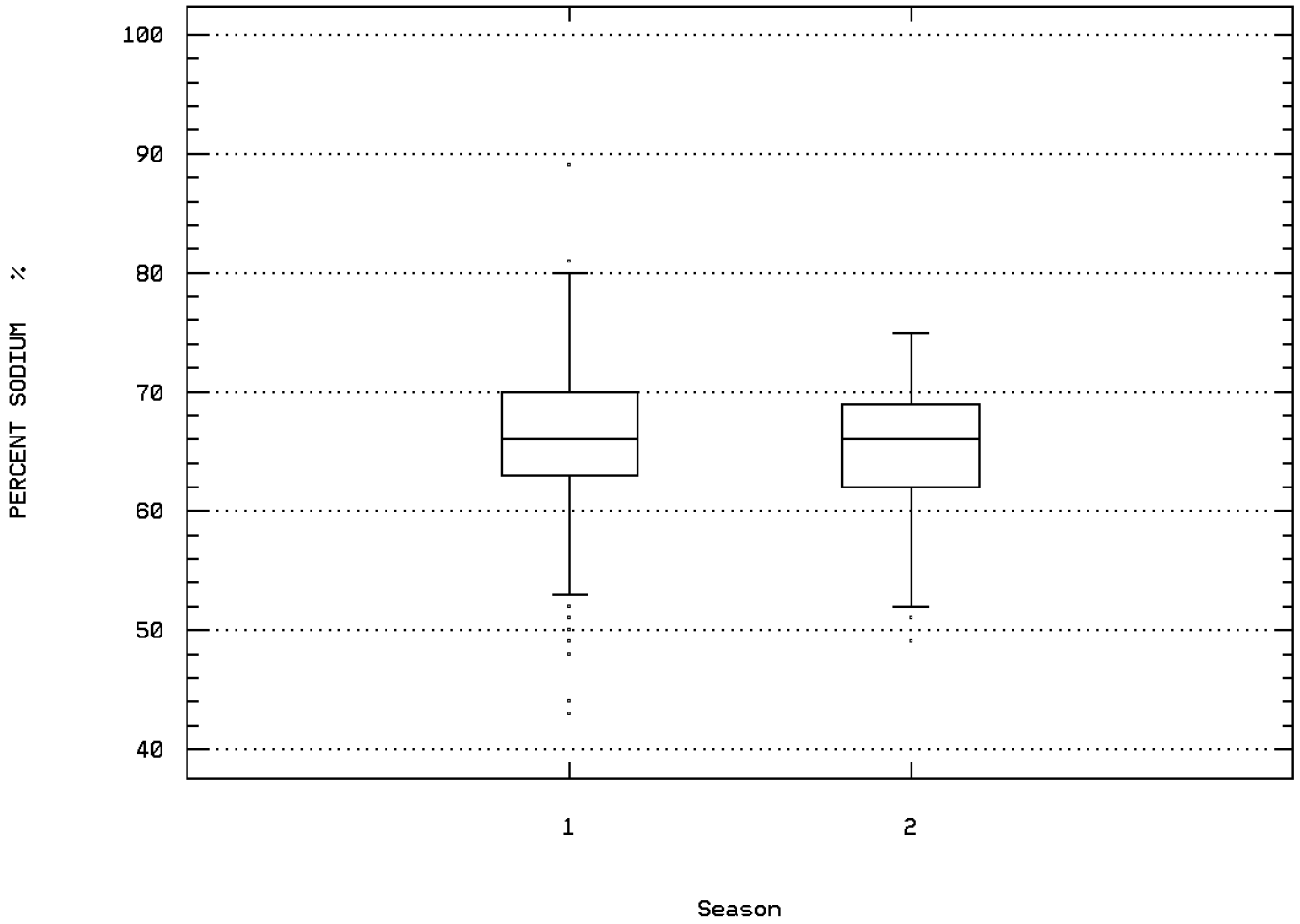
SODIUM, DISSOLVED (MG/L AS NA)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00932

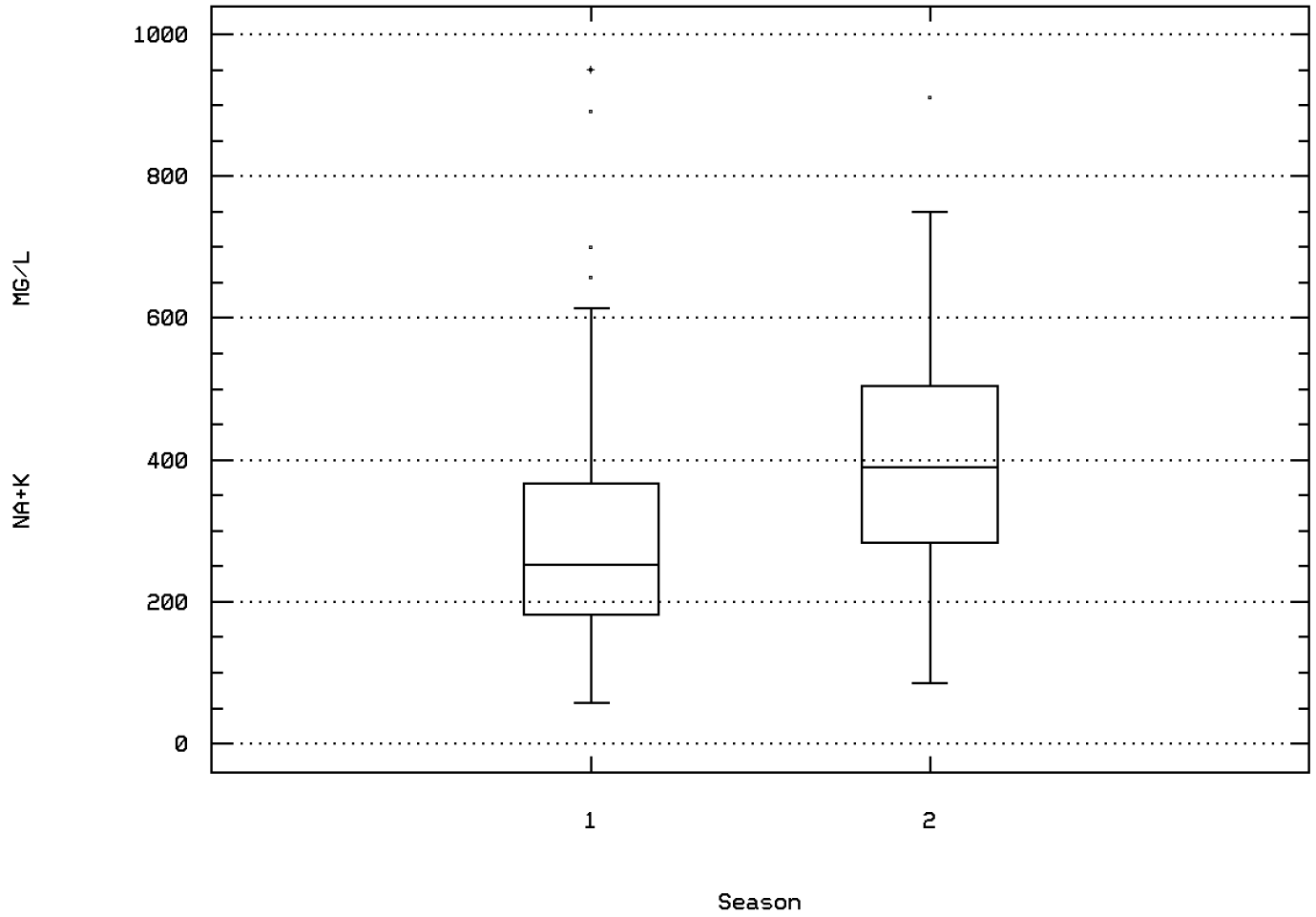
SODIUM, PERCENT



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00933

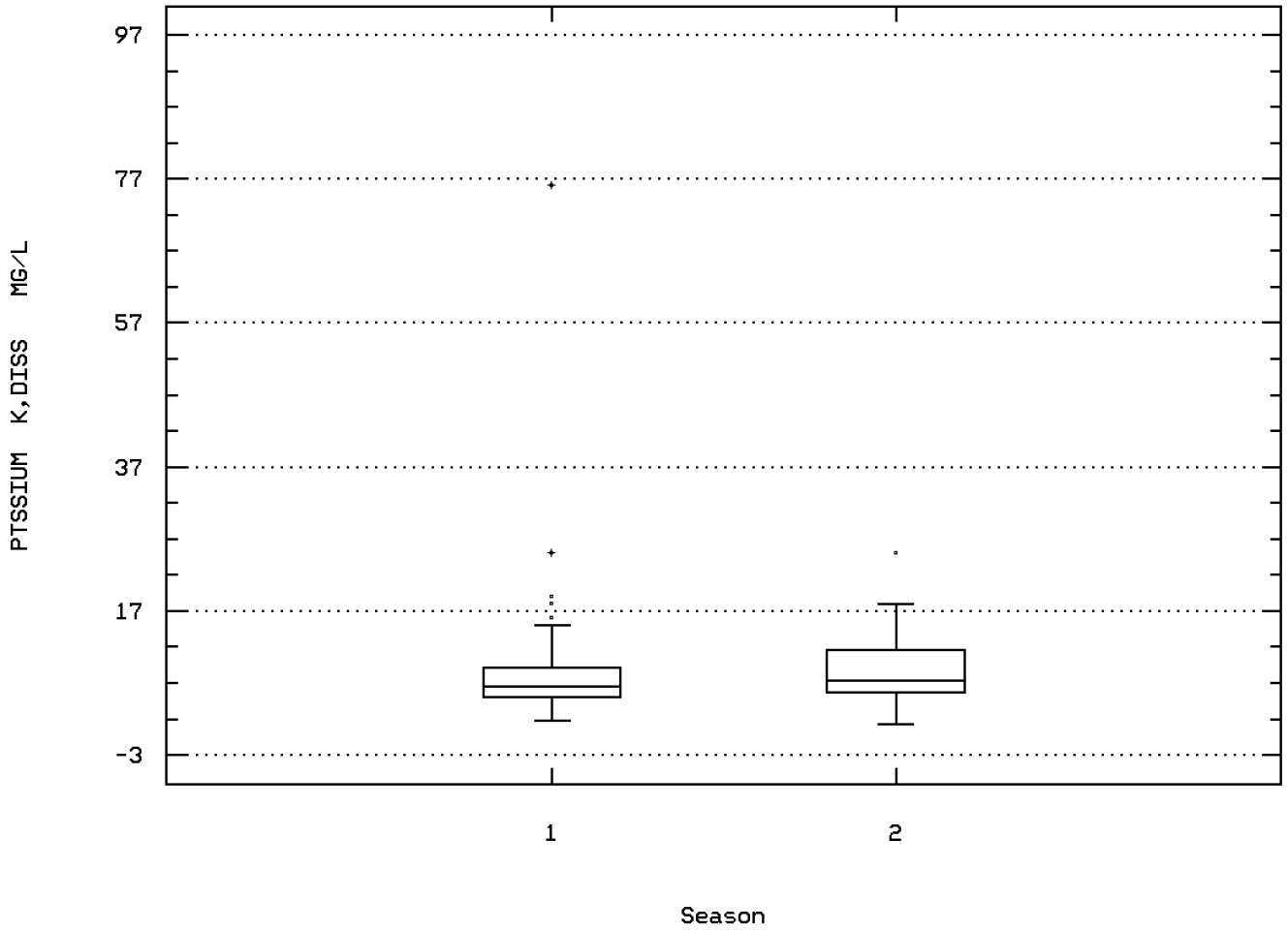
SODIUM,PLUS POTASSIUM (MG/L)



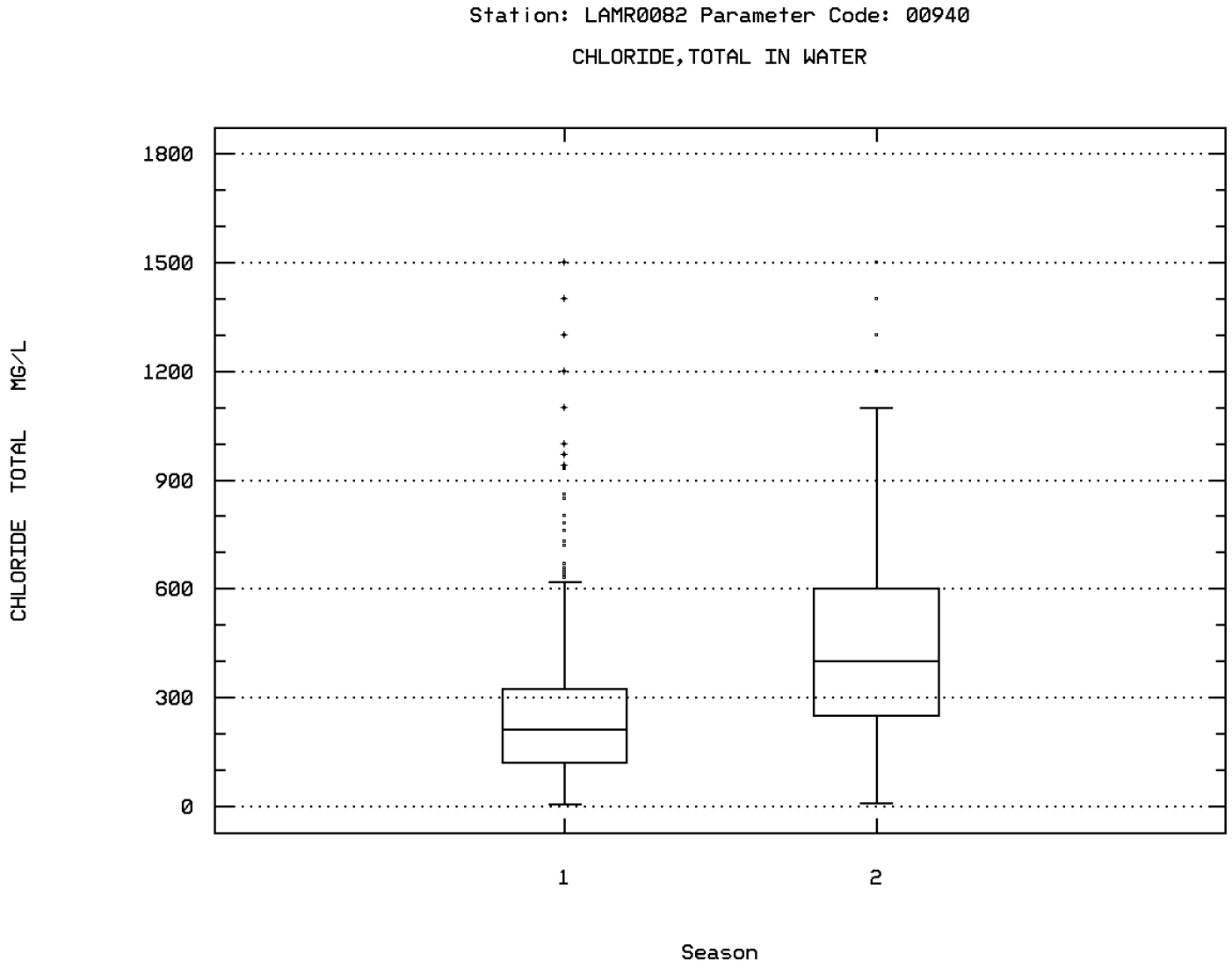
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00935

POTASSIUM, DISSOLVED (MG/L AS K)



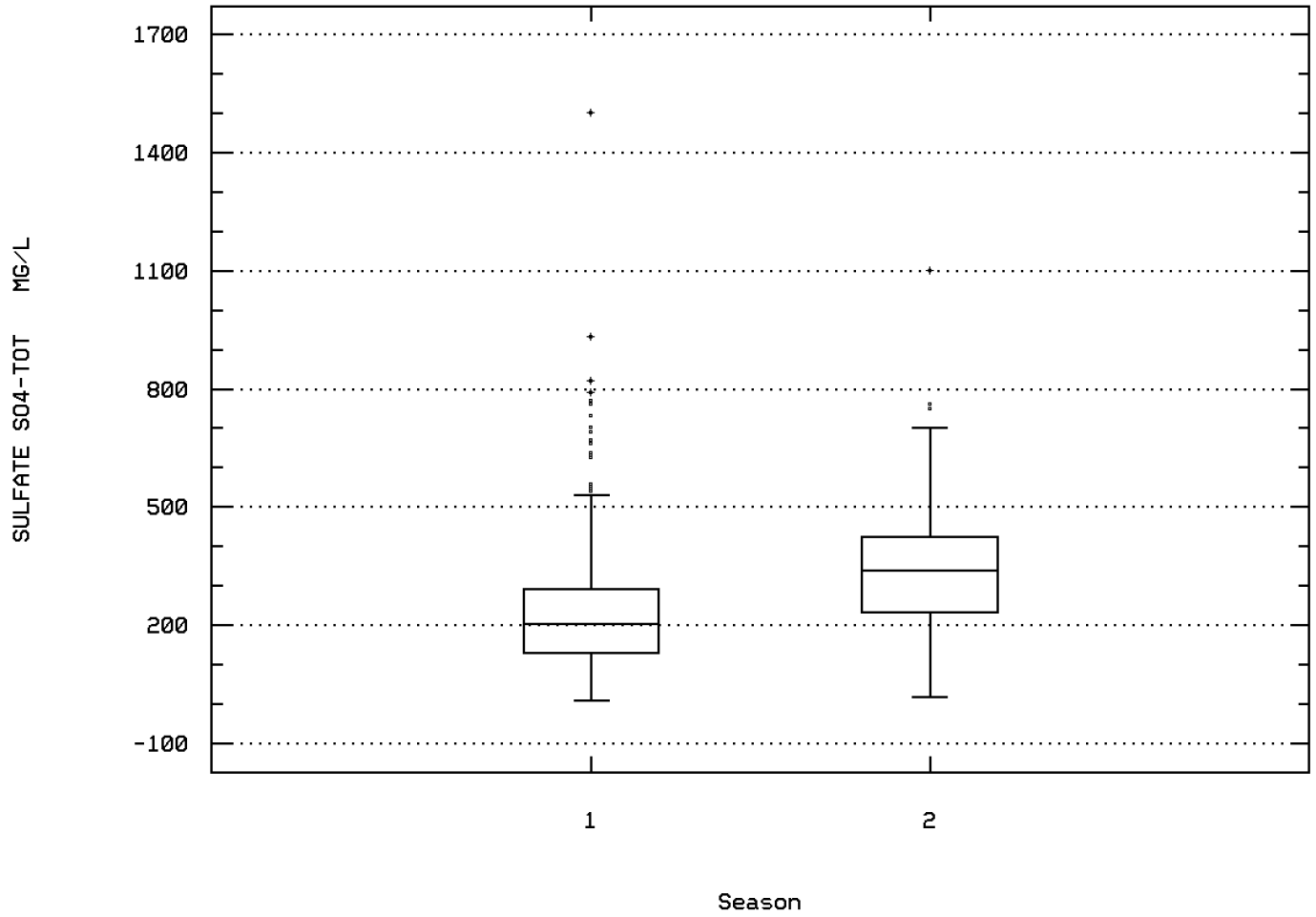
CANADIAN RIVER NR AMARILLO, TX



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00945

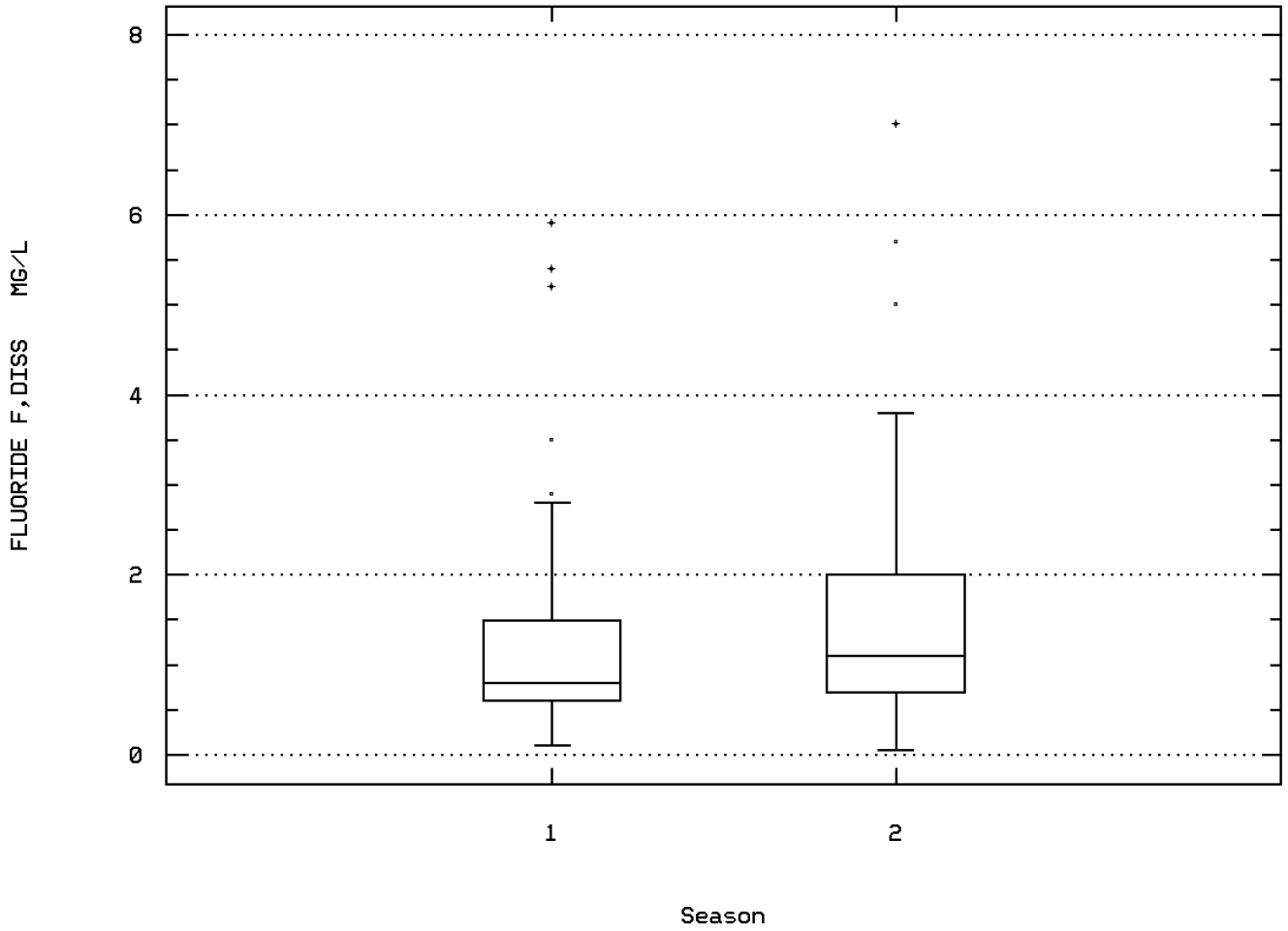
SULFATE, TOTAL (MG/L AS SO4)



CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00950

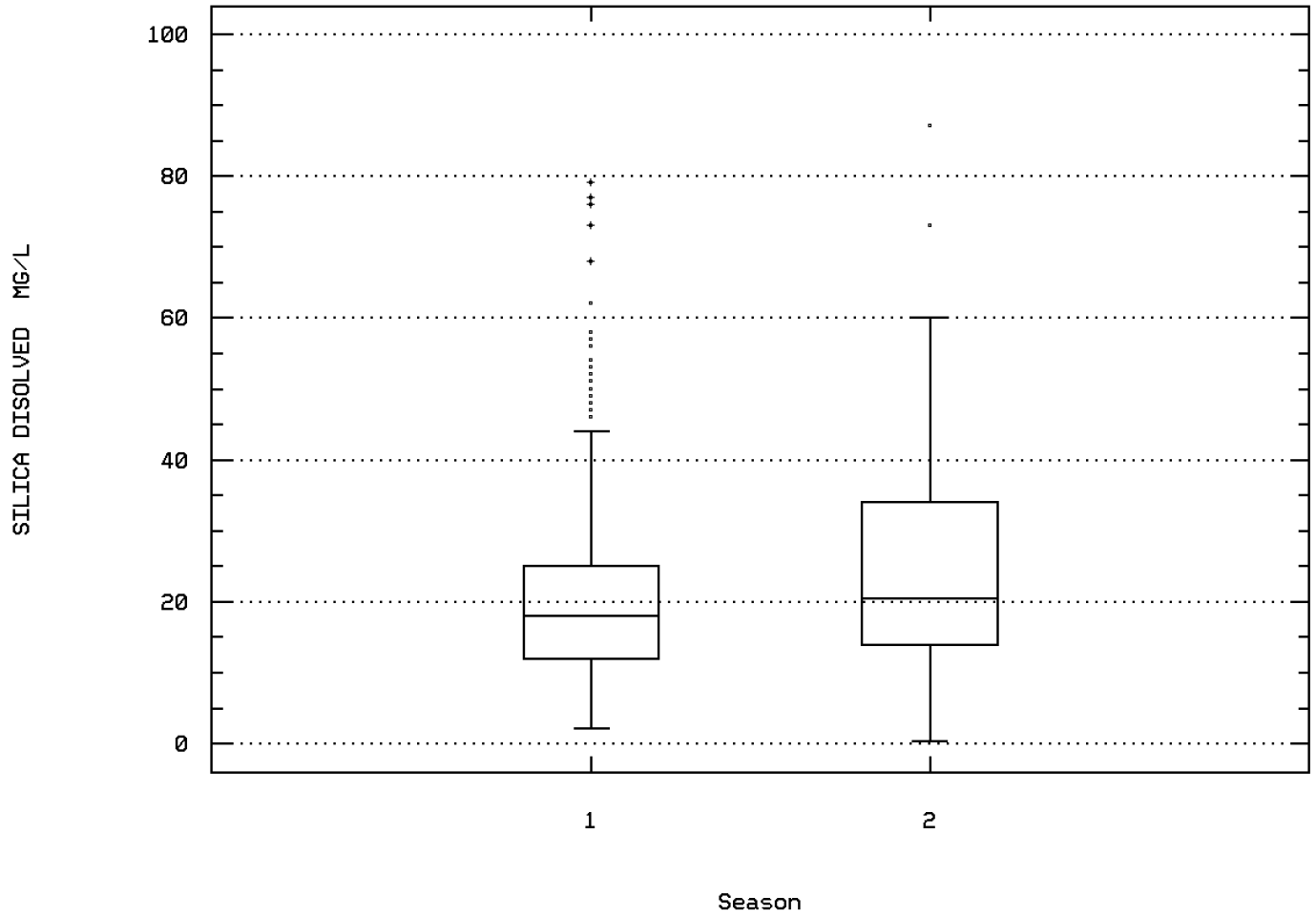
FLUORIDE, DISSOLVED (MG/L AS F)



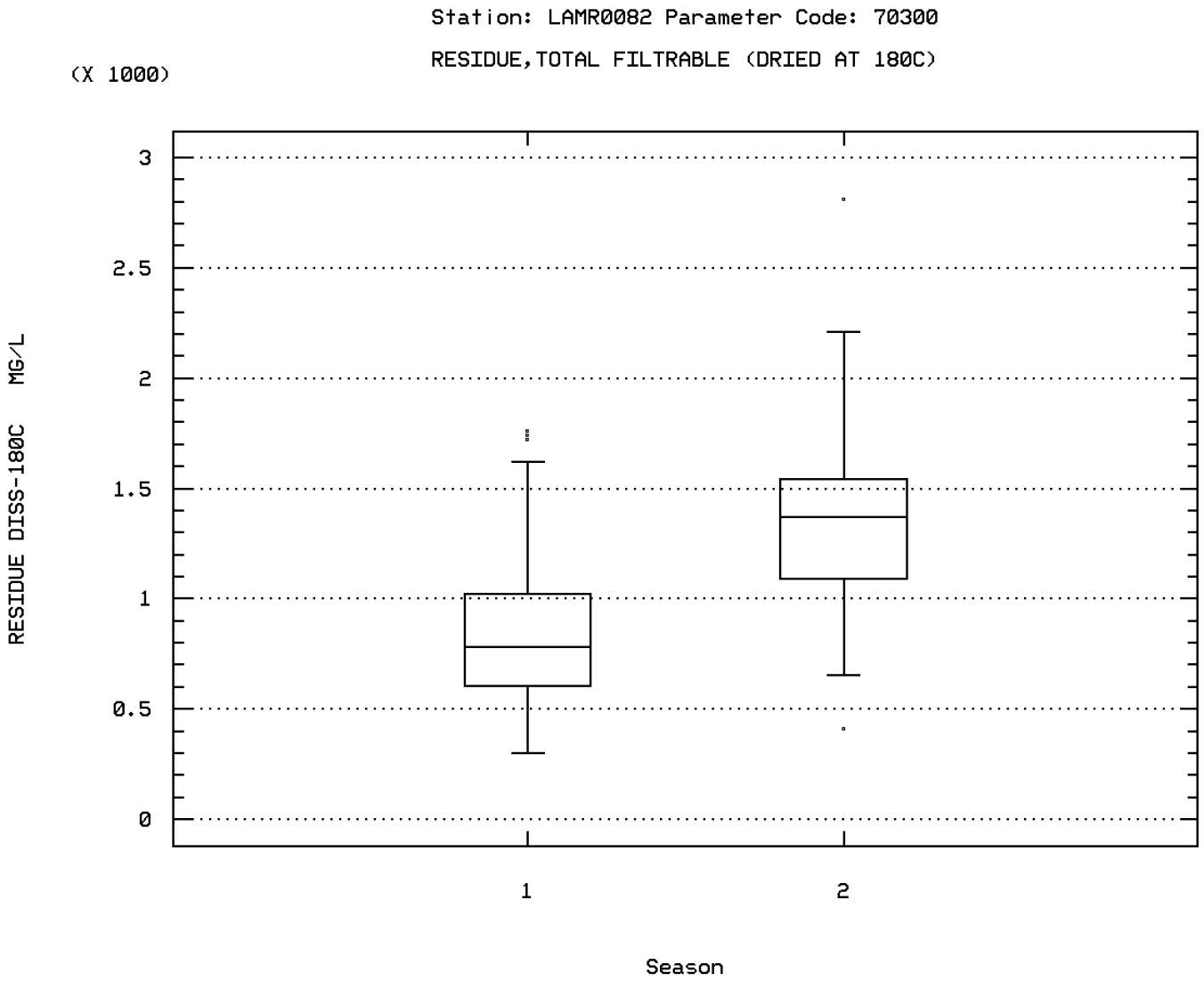
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 00955

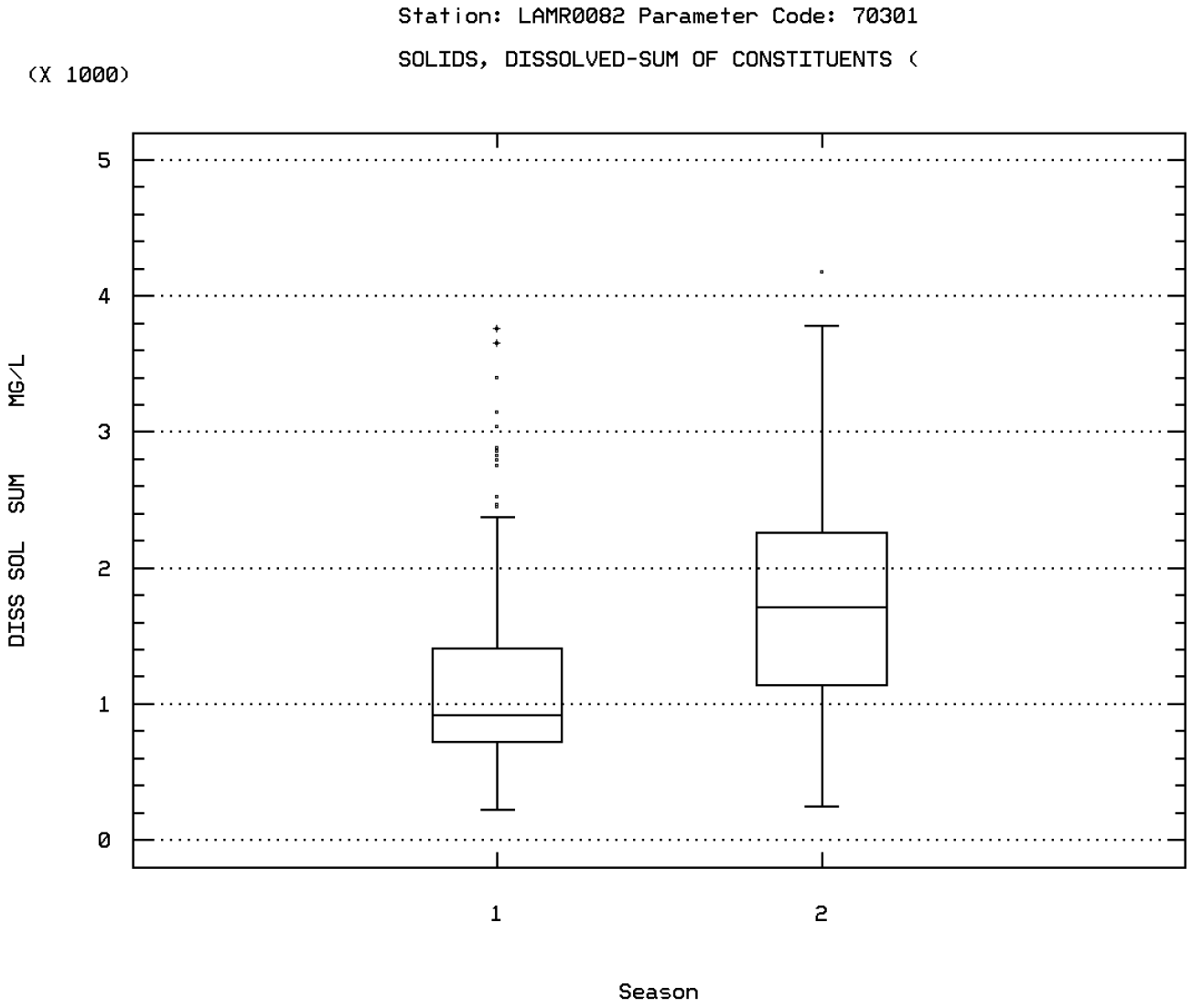
SILICA, DISSOLVED (MG/L AS SI02)



CANADIAN RIVER NR AMARILLO, TX



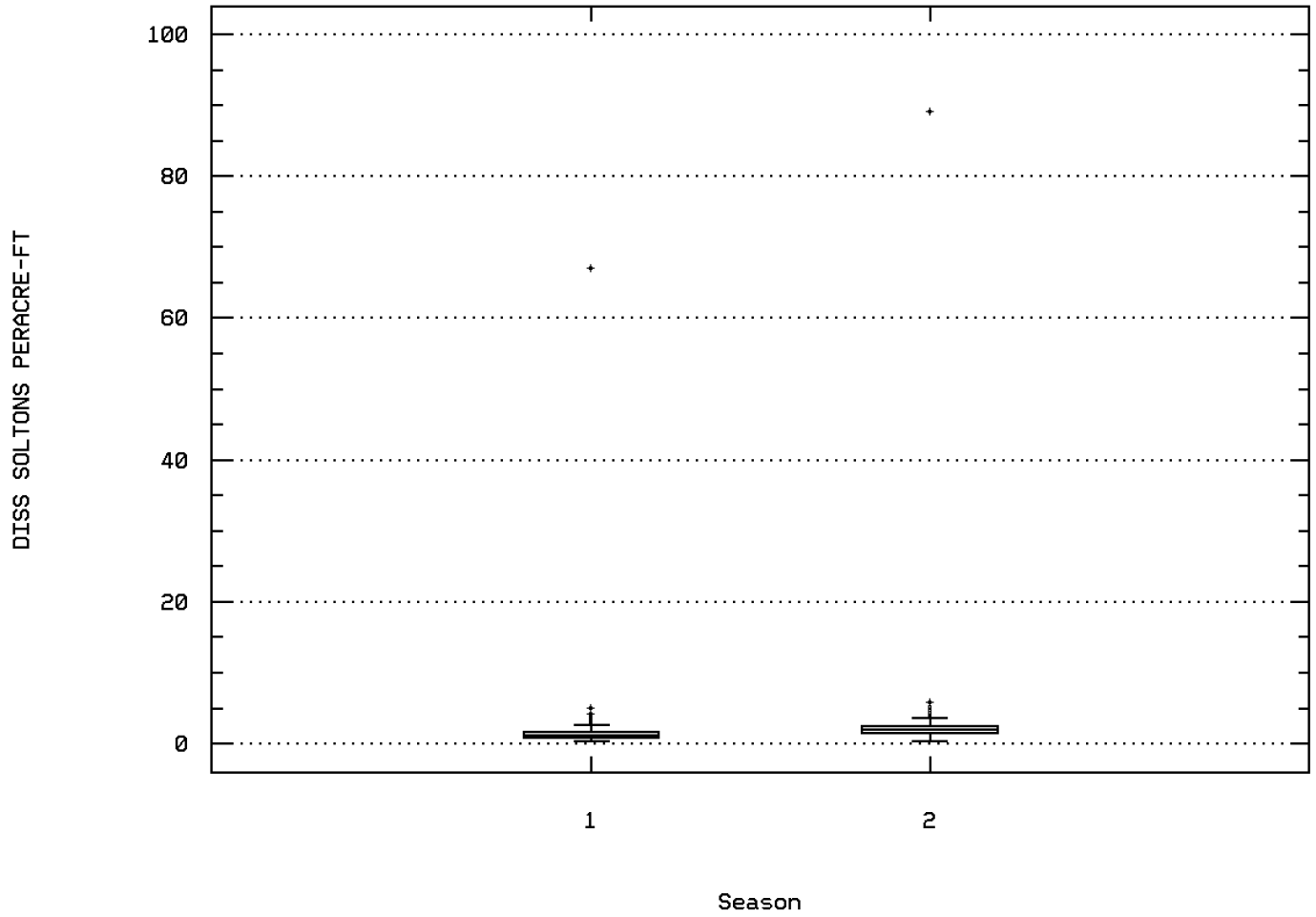
CANADIAN RIVER NR AMARILLO, TX



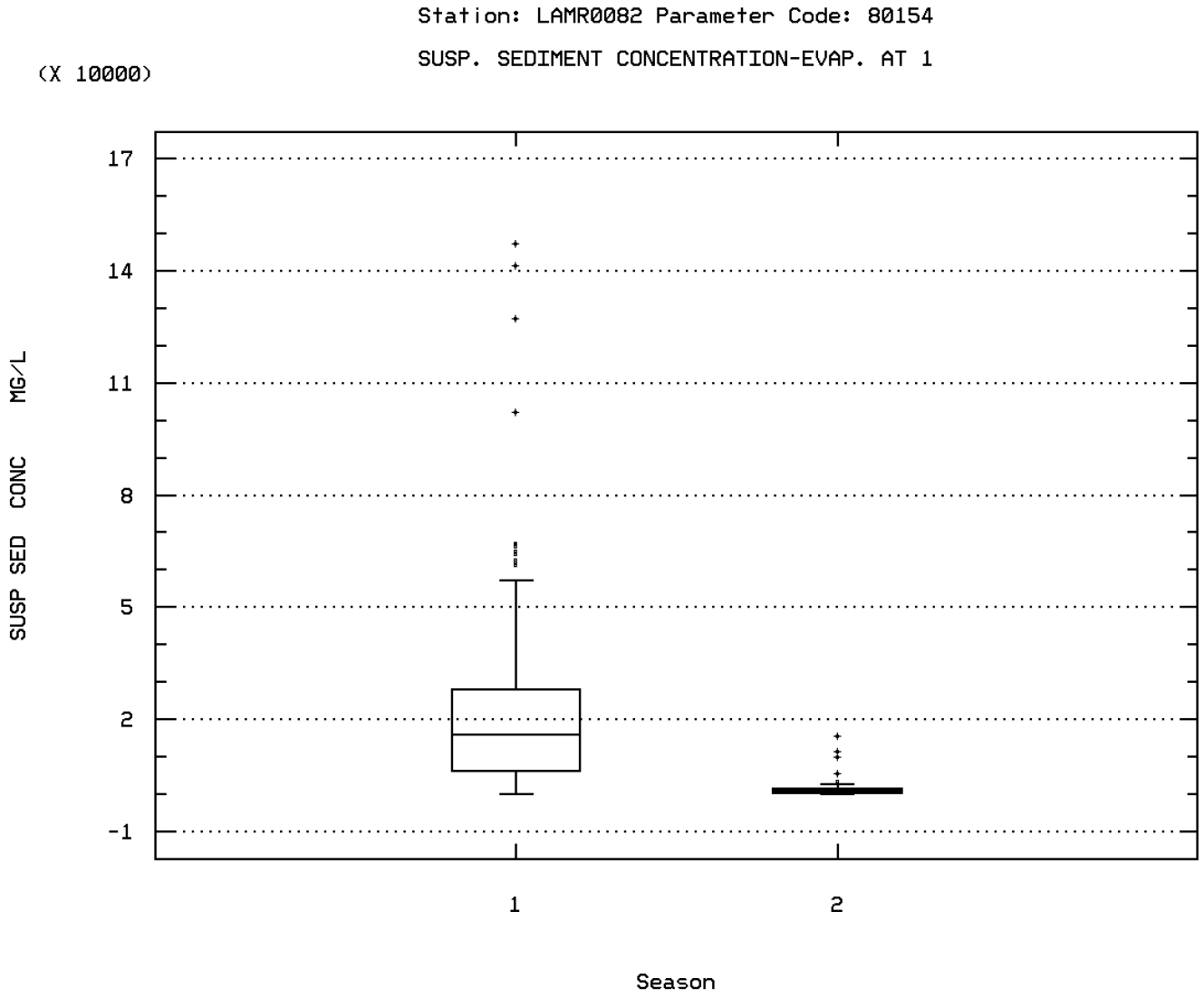
CANADIAN RIVER NR AMARILLO, TX

Station: LAMR0082 Parameter Code: 70303

SOLIDS, DISSOLVED-TONS PER ACRE-FT



CANADIAN RIVER NR AMARILLO, TX



CANADIAN RIVER NR AMARILLO, TX

Station Inventory for Station: LAMR0083

NPS Station ID: LAMR0083 | LAT/LON: 35.470003/-101.879170 | Agency: 11EPALES | Date Created: / /
Location: CANADIAN RIVER | FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 4823A2
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 11090105 | Depth of Water: 0 | Aquifer:
Major Basin: T/LAKE MEREDITH | Elevation: 0 | Water Body Id:
Minor Basin: HWY 87/287 BRDG 18 MI N JCT W HWY 60/66 | ECO Region:
RF1 Index: 11090105012 | RF1 Mile Point: 10.550 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
US 87/287 BRIDGE 18 MI N OF JCT WITH US 60/66 U S G S GAGE #07227500 IS LOCATED AT SITE

Parameter Inventory for Station: LAMR0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/12/75	13	1.42	2.801	12.	0.04	11.334	3.367	0.082	0.44	4.05	9.72
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	3	0.12	0.267	0.59	0.092	0.078	0.28	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	3	1.08	0.997	1.2	0.71	0.065	0.255	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/12/75	13	5.8	6.461	17.28	0.65	32.25	5.679	0.734	1.95	9.95	16.968
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/12/75	13	1.2	1.338	3.67	0.36	0.822	0.907	0.416	0.675	1.8	3.122
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/12/75	12	2.35	2.146	5.46	0.025	3.149	1.775	0.025	0.513	3.635	5.112
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/12/75	12	0.835	1.381	3.4	0.008	1.656	1.287	0.015	0.149	2.495	3.37

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

EPA Water Quality Criteria Analysis for Station: LAMR0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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.	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: LAMR0084

NPS Station ID: LAMR0084 LAT/LON: 35.452781/-101.880282 Agency: 21TXWQB Date Created: 04/29/95
Location: EAST AMARILLO CREEK 10 METERS UPSTREAM OF CANADI FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 10019
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Canadian River Basin ECO Region: 26M
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
EAST AMARILLO CREEK 10 METERS UPSTREAM OF CANADIAN RIVER CONFLUENCE

Parameter Inventory for Station: LAMR0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-06/28/89	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-06/28/89	9	21.8	20.822	30.	7.5	50.652	7.117	7.5	16.3	27.25	30.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/85-04/24/85	5	62.4	61.2	72.9	45.5	99.83	9.991	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-06/28/89	9	1848.	1265.111	1900.	164.	542082.861	736.263	164.	593.	1888.	1900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/85-04/23/85	1	2144.	2144.	2144.	2144.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/85-06/28/89	9	8.1	8.533	12.5	6.	4.97	2.229	6.	6.75	10.6	12.5
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	7.	7.	11.	3.	32.	5.657	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/85-06/28/89	9	8.18	8.184	8.6	7.8	0.081	0.285	7.8	7.905	8.425	8.6
00400	CONVERTED PH (STANDARD UNITS)	04/23/85-06/28/89	9	8.18	8.103	8.6	7.8	0.089	0.298	7.8	7.905	8.425	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-06/28/89	9	0.007	0.008	0.016	0.003	0.	0.005	0.003	0.004	0.013	0.016
00403	PH, LAB, STANDARD UNITS SU	04/23/85-04/23/85	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/23/85-04/23/85	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-04/23/85	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/85-04/23/85	1	262.	262.	262.	262.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-06/27/89	2	113.	113.	199.	27.	14792.	121.622	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-06/27/89	2	14.	14.	27.	1.	338.	18.385	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/85-06/27/89	2	2.485	2.485	4.95	0.02	12.152	3.486	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-06/27/89	2	0.285	0.285	0.47	0.1	0.068	0.262	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/85-06/27/89	2	1.985	1.985	2.57	1.4	0.684	0.827	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-06/27/89	2	3.25	3.25	5.3	1.2	8.405	2.899	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/23/85-04/23/85	1	5.14	5.14	5.14	5.14	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/23/85-04/23/85	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-06/27/89	2	1.78	1.78	1.88	1.68	0.02	0.141	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/23/85-06/27/89	2	1.32	1.32	1.47	1.17	0.045	0.212	**	**	**	**
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-06/27/89	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/85-06/27/89	2	171.5	171.5	265.	78.	17484.5	132.229	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/85-06/27/89	2	178.5	178.5	269.	88.	16380.5	127.986	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-06/27/89	2	12.5	12.5	23.	2.	220.5	14.849	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-06/27/89	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-06/27/89	2	762.	762.	1104.	420.	233928.	483.661	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	9	0	0.00									
00400	PH	Fresh Chronic	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	0	0.00	9	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	1	0.50	2	1	0.50									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	1	0.50	2	1	0.50									

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

Station Inventory for Station: LAMR0085

NPS Station ID: LAMR0085 LAT/LON: 35.453615/-101.881671 Agency: 21TXWQB Date Created: 07/23/94
Location: CANADIAN RIVER 10 METERS UPSTREAM OF EAST AMARIL FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 10055 /0103.0120 /103.1200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Canadian River Basin ECO Region: 26M
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
CANADIAN RIVER 10 METERS UPSTREAM OF EAST AMARILLO CREEK CONFLUENCE

Parameter Inventory for Station: LAMR0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/85-06/28/89	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/85-06/28/89	9	19.1	20.378	30.1	7.6	50.322	7.094	7.6	16.1	27.	30.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/85-04/24/85	4	61.	58.25	65.3	45.7	74.65	8.64	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/85-06/28/89	9	5600.	4355.556	6120.	1960.	3477452.778	1864.793	1960.	2465.	6000.	6120.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/85-04/23/85	1	7056.	7056.	7056.	7056.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/85-06/28/89	9	9.1	8.389	10.	5.9	2.896	1.702	5.9	6.7	9.95	10.
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	8.75	8.75	14.5	3.	66.125	8.132	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	2.25	2.25	3.5	1.	3.125	1.768	**	**	**	**
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	04/23/85-06/27/89	2	3.25	3.25	5.	1.5	6.125	2.475	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/85-06/28/89	9	8.1	8.04	8.16	7.8	0.021	0.144	7.8	7.9	8.145	8.16
00400	CONVERTED PH (STANDARD UNITS)	04/23/85-06/28/89	9	8.1	8.017	8.16	7.8	0.021	0.146	7.8	7.9	8.145	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-06/28/89	9	0.008	0.01	0.016	0.007	0.	0.004	0.007	0.007	0.013	0.016
00403	PH, LAB, STANDARD UNITS SU	04/23/85-04/23/85	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/23/85-04/23/85	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-04/23/85	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/85-04/23/85	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/85-06/27/89	2	6828.	6828.	13600.	56.	91719968.	9577.054	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/23/85-06/27/89	2	358.	358.	710.	6.	247808.	497.803	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/85-06/27/89	2 ##	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/85-06/27/89	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/85-06/27/89	2	0.165	0.165	0.32	0.01	0.048	0.219	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/85-06/27/89	2	8.15	8.15	15.8	0.5	117.045	10.819	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/23/85-04/23/85	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/23/85-04/23/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/85-06/27/89	2	4.615	4.615	9.17	0.06	41.496	6.442	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/23/85-06/27/89	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	04/23/85-06/27/89	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/85-06/27/89	2	953.5	953.5	1369.	538.	345280.5	587.606	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/85-06/27/89	2	523.	523.	801.	245.	154568.	393.151	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-04/23/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/23/85-04/23/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/85-06/27/89	2	2501.	2501.	3578.	1424.	2319858.	1523.108	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	9	0	0.00									
00400	PH	Fresh Chronic	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	0	0.00	9	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	1	0.50	2	1	0.50									
		Drinking Water	250.	2	2	1.00	2	2	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	1	0.50	2	1	0.50									

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

Station Inventory for Station: LAMR0086

NPS Station ID: LAMR0086 LAT/LON: 35.453087/-101.884392 Agency: 11NPSWRD Date Created: 07/25/98
Location: Canadian River 100 Yds Downstr. From AT&SF Brdge FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): LAMR_01039903 /01039903
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS Elevation: 0 Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT ECO Region:
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
The station is located on the Puente TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Department of Water Resources. Samples analyzed for toxics. Sample taken from Canadian River 100 yds downstream from AT&SF Bridge." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/23/70-07/23/70	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/06/70-07/06/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/23/70-07/23/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: LAMR0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	0 &	0	0.00												
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: LAMR0087

NPS Station ID: LAMR0087 LAT/LON: 35.470281/-101.895838 Agency: 11NPSWRD Date Created: 07/25/98
Location: Canadian River at US Hwy 87-287 Br N of Amarillo FIPS State/County: 48375 TEXAS/POTTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): LAMR_IMS76-3 /IMS76-3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 11090105 Depth of Water: 0 Aquifer:
Major Basin: SOUTH CENTRAL LOWER MISS Elevation: 0 Water Body Id:
Minor Basin: SOUTH CANADIAN RIVER ABOVE TEX-OKLA STAT ECO Region:
RF1 Index: 11090105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
The station is located on the Puente TX 7.5' U.S. Geological Survey topographic quadrangle. Data at this station were originally entered in STORET under the agency code: 21TEXWR. These data were subsequently retired at STORET by the collecting agency on 05/20/1997. To ensure the data continue to be accessible after STORET is modernized; this station and data were recreated under the National Park Service's agency code: 11NPSWRD. The description in STORET for this station is: "Data from Texas Department of Water Resources. Sediment analyzed for toxics. Sample taken from Canadian River - US Highway 87-287 Bridge North of Amarillo." Other data/stations for 21TEXWR appear to have been duplicated under the agency code: 21TXWQB or 11NPSWRD. The data were uploaded to STORET by Dean Tucker; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516; Fax. 970-225-9965).

Parameter Inventory for Station: LAMR0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/01/77-04/01/77	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/77-04/01/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/77-04/01/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/01/77-04/01/77	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/01/77-04/01/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/01/77-04/01/77	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/77-04/01/77	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/01/77-04/01/77	1	0.74	0.74	0.74	0.74	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/01/77-04/01/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/01/77-04/01/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/01/77-04/01/77	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/01/77-04/01/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/01/77-04/01/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/01/77-04/01/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/77-04/01/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: LAMR0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/77-04/01/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/01/77-04/01/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/77-04/01/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/77-04/01/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/01/77-04/01/77	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

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

EPA Water Quality Criteria Analysis for Entire LAMR Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1354 &	164	0.12	800	116	0.15	554	48	0.09						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	46	26	0.57	27	15	0.56	19	11	0.58						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	450	0	0.00	406	0	0.00	44	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4477 &	276	0.06	3095	264	0.09	1382	12	0.01						
00400	PH	Fresh Chronic	9.	3730	46	0.01	2256	19	0.01	1474	27	0.02						
		Other-Lo Lim.	6.5	3730	18	0.00	2256	14	0.01	1474	4	0.00						
00403	PH, LAB	Fresh Chronic	9.	592	1	0.00	339	0	0.00	253	1	0.00						
		Other-Lo Lim.	6.5	592	0	0.00	339	0	0.00	253	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	107	5	0.05	64	1	0.02	43	4	0.09						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	202	6	0.03	122	5	0.04	80	1	0.01						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	77	2	0.03	48	2	0.04	29	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	640	5	0.01	399	1	0.00	241	4	0.02						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	339	0	0.00	200	0	0.00	139	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	24	0	0.00	13	0	0.00	11	0	0.00						
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3425	81	0.02	2081	26	0.01	1344	55	0.04						
		Drinking Water	250.	3425	2067	0.60	2081	1136	0.55	1344	931	0.69						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	116	0	0.00	71	0	0.00	45	0	0.00						
		Drinking Water	250.	116	104	0.90	71	62	0.87	45	42	0.93						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3140	1823	0.58	1910	991	0.52	1230	832	0.68						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2319	7	0.00	1362	4	0.00	957	3	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	84	0	0.00	54	0	0.00	30	0	0.00						
		Drinking Water	50.	84	0	0.00	54	0	0.00	30	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	12	0	0.00	2	0	0.00						
		Drinking Water	50.	14	0	0.00	12	0	0.00	2	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	52	0	0.00	32	0	0.00	20	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	16	0	0.00	12	0	0.00	4	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	4.	2	0	0.00	1	0	0.00	1	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	9	0	0.00	7	0	0.00	2	0	0.00						
		Drinking Water	4.	8 &	0	0.00	7	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	84	1	0.01	54	0	0.00	30	1	0.03						
		Drinking Water	5.	84	1	0.01	54	0	0.00	30	1	0.03						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	8 &	3	0.38	6	3	0.50	2	0	0.00						
		Drinking Water	5.	8 &	3	0.38	6	3	0.50	2	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	83	0	0.00	53	0	0.00	30	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	16	0	0.00	11	0	0.00	5	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	84	2	0.02	54	1	0.02	30	1	0.03						
		Drinking Water	1300.	84	0	0.00	54	0	0.00	30	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	12 &	0	0.00	10	0	0.00	2	0	0.00						
		Drinking Water	1300.	13	0	0.00	11	0	0.00	2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	84	0	0.00	54	0	0.00	30	0	0.00						
		Drinking Water	15.	84	1	0.01	54	1	0.02	30	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	4	0	0.00	2	0	0.00						
		Drinking Water	15.	5 &	0	0.00	3	0	0.00	2	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	38	0	0.00	27	0	0.00	11	0	0.00						
		Drinking Water	100.	38	0	0.00	27	0	0.00	11	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	13	0	0.00	11	0	0.00	2	0	0.00						
		Drinking Water	100.	13	0	0.00	11	0	0.00	2	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	60 &	0	0.00	36	0	0.00	24	0	0.00						
		Drinking Water	100.	62	0	0.00	38	0	0.00	24	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	8 &	0	0.00	6	0	0.00	2	0	0.00						
		Drinking Water	100.	15	0	0.00	11	0	0.00	4	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	83	0	0.00	53	0	0.00	30	0	0.00						
		Drinking Water	5000.	83	0	0.00	53	0	0.00	30	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	17	4	0.24	15	4	0.27	2	0	0.00						
		Drinking Water	5000.	17	0	0.00	15	0	0.00	2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	59	0	0.00	36	0	0.00	23	0	0.00						
		Drinking Water	50.	59	0	0.00	36	0	0.00	23	0	0.00						

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

EPA Water Quality Criteria Analysis for Entire LAMR Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01147	SELENIUM, TOTAL	Fresh Acute	20.	16	0	0.00	12	0	0.00	4	0	0.00						
		Drinking Water	50.	16	0	0.00	12	0	0.00	4	0	0.00						
01220	CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	100.	4	0	0.00	3	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6265	140	0.02	3826	122	0.03	2439	18	0.01						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	89	3	0.03	47	2	0.04	42	1	0.02						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6293	247	0.04	3865	235	0.06	2428	12	0.00						
31648	E. COLI, MTEC, MF	Other-Hi Lim.	126.	29	5	0.17	15	4	0.27	14	1	0.07						
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	58	0	0.00	40	0	0.00	18	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	59	0	0.00	39	0	0.00	20	0	0.00						
		Drinking Water	0.2	59	0	0.00	39	0	0.00	20	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	45	0	0.00	31	0	0.00	14	0	0.00						
		Drinking Water	2.	45	0	0.00	31	0	0.00	14	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	54	0	0.00	36	0	0.00	18	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	54	0	0.00	36	0	0.00	18	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	54	0	0.00	36	0	0.00	18	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	58	0	0.00	40	0	0.00	18	0	0.00						
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	15	0	0.00	9	0	0.00	6	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	60	0	0.00	40	0	0.00	20	0	0.00						
		Drinking Water	2.	60	0	0.00	40	0	0.00	20	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	33 &	0	0.00	22	0	0.00	11	0	0.00						
		Drinking Water	3.	33 &	0	0.00	22	0	0.00	11	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	60	0	0.00	42	0	0.00	18	0	0.00						
		Drinking Water	0.4	60	0	0.00	42	0	0.00	18	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	60	0	0.00	42	0	0.00	18	0	0.00						
		Drinking Water	0.2	60	0	0.00	42	0	0.00	18	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	14	0	0.00	9	0	0.00	5	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	41 &	0	0.00	28	0	0.00	13	0	0.00						
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	60	0	0.00	41	0	0.00	19	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	60	0	0.00	40	0	0.00	20	0	0.00						
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	7	0	0.00	7	0	0.00									
		Drinking Water	0.2	7	0	0.00	7	0	0.00									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1522	27	0.02	890	11	0.01	632	16	0.03						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	408	89	0.22	259	34	0.13	149	55	0.37						
71855	NITRITE NITROGEN, TOTAL (AS NO2)	Drinking Water	3.3	31	0	0.00	12	0	0.00	19	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	128	6	0.05	81	1	0.01	47	5	0.11						

& - 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 LAMR Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-10/31 Obs	4/15-10/31 Exceed	4/15-10/31 Prop.	11/01-4/14 Obs	11/01-4/14 Exceed	11/01-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	80	1	0.01	50	0	0.00	30	1	0.03						
		Drinking Water	2.	80	1	0.01	50	0	0.00	30	1	0.03						
71900	MERCURY, TOTAL	Fresh Acute	2.4	22	0	0.00	17	0	0.00	5	0	0.00						
		Drinking Water	2.	22	0	0.00	17	0	0.00	5	0	0.00						
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	14	3	0.21				14	3	0.21						

& - 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 LAMR 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 LAMR Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	2543	373	324	1846	48
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1658	188	142	1328	31
00440	BICARBONATE ION (MG/L AS HCO3)	2428	169	209	2050	26
00445	CARBONATE ION (MG/L AS CO3)	2257	167	209	1881	26
		8886	897	884	7105	131 (49)[!]

pH		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	3730	685	588	2457	51
00403	PH, LAB (STANDARD UNITS)	592	260	192	140	20
		4322	945	780	2597	71 (51)[!]

Conductivity		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	2764	809	559	1396	53
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1507	253	262	992	24
00480	SALINITY - PARTS PER THOUSAND	39	30	9	0	5
		4310	1092	830	2388	82 (55)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	450	372	78	0	11
00300	OXYGEN, DISSOLVED (MG/L)	4509	624	1292	2593	45
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	87	0	55	32	2
		5046	996	1425	2625	58 (56)[!]

Water Temperature		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2109	928	767	414	43
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	4040	123	1201	2716	37
		6149	1051	1968	3130	80 (62)[!]

Flow		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	655	0	0	655	1
00061	FLOW, STREAM, INSTANTANEOUS CFS	664	141	125	398	7
00065	STAGE, STREAM (FEET)	11	1	10	0	2
74069	FLOW, ESTIMATED STREAM, CFS	9	9	0	0	2
		1339	151	135	1053	12 (8)[!]

[!]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 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1355	0	61	1294	32
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	46	11	35	0	1
00077	TRANSPARENCY, SECCHI DISC (INCHES)	102	36	50	16	8
00078	TRANSPARENCY, SECCHI DISC (METERS)	480	477	3	0	19
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	880	247	255	378	30
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	14	14	0	0	3
		2877	785	404	1688	93 (54)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	49	0	47	2	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	73	0	50	23	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	30	30	0	0	2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	628	196	245	187	34
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	77	57	0	20	3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	640	166	228	246	26
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	25	24	1	0	2
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	370	133	134	103	19
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	339	97	140	102	19
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	24	24	0	0	2
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	474	0	11	463	14
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	1522	42	84	1396	22
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	408	0	0	408	2
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	31	0	0	31	5
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	128	0	0	128	2
		4818	769	940	3109	154 (49)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	477	14	127	336	31
00655	PHOSPHATE, POLY (MG/L AS PO4)	995	0	11	984	4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	186	14	125	47	18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	618	181	248	189	35
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	25	24	1	0	2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	471	146	178	147	29
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	35	35	0	0	8
		2807	414	690	1703	127 (54)[1]

Chlorophyll		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	312	134	124	54	18
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	16	0	0	16	4
		328	134	124	70	22 (22)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	2496	174	233	2089	30
00945	SULFATE, TOTAL (MG/L AS SO4)	3140	441	380	2319	47
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	1365	90	51	1224	24
		7001	705	664	5632	101 (47)[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.

Bacteria		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	6338	2708	1815	1815	34
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	89	0	0	89	5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	6333	2760	1930	1643	36
31648	E. COLI - MTEC-MF	29	29	0	0	3
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	48	48	0	0	16
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	188	0	15	173	25
		13025	5545	3760	3720	119 (39)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01000	ARSENIC, DISSOLVED (UG/L AS AS)	84	36	33	15	6
01002	ARSENIC, TOTAL (UG/L AS AS)	14	5	8	1	10
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2	2	0	0	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	9	4	5	0	7
01025	CADMIUM, DISSOLVED (UG/L AS CD)	84	36	33	15	6
01027	CADMIUM, TOTAL (UG/L AS CD)	9	5	0	4	7
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	83	36	33	14	6
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	1	0	0	1	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	16	9	5	2	11
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	4	4	0	0	3
01040	COPPER, DISSOLVED (UG/L AS CU)	84	36	33	15	6
01042	COPPER, TOTAL (UG/L AS CU)	13	7	5	1	9
01049	LEAD, DISSOLVED (UG/L AS PB)	84	36	33	15	6
01051	LEAD, TOTAL (UG/L AS PB)	6	5	0	1	4
71890	MERCURY, DISSOLVED (UG/L AS HG)	80	33	33	14	5
71900	MERCURY, TOTAL (UG/L AS HG)	22	15	0	7	11
01065	NICKEL, DISSOLVED (UG/L AS NI)	38	15	8	15	6
01067	NICKEL, TOTAL (UG/L AS NI)	13	7	5	1	9
01145	SELENIUM, DISSOLVED (UG/L AS SE)	59	34	25	0	5
01147	SELENIUM, TOTAL (UG/L AS SE)	16	10	5	1	11
01075	SILVER, DISSOLVED (UG/L AS AG)	62	36	26	0	6
01077	SILVER, TOTAL (UG/L AS AG)	15	9	5	1	10
01090	ZINC, DISSOLVED (UG/L AS ZN)	83	35	33	15	6
01092	ZINC, TOTAL (UG/L AS ZN)	17	7	5	5	12
00720	CYANIDE, TOTAL (MG/L AS CN)	3	3	0	0	3
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	1	1	0	0	1
32104	BROMOFORM, WHOLE WATER, (UG/L)	1	1	0	0	1
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	1	1	0	0	1
34301	CHLOROBENZENE, TOTAL (UG/L)	1	1	0	0	1
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	1	1	0	0	1
34311	CHLOROETHANE, TOTAL (UG/L)	1	1	0	0	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	1	1	0	0	1
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	1	1	0	0	1
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	1	1	0	0	1
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	1	1	0	0	1
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	1	1	0	0	1
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	1	1	0	0	1
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	1	1	0	0	1
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
34418	METHYL CHLORIDE, TOTAL (UG/L)	1	1	0	0	1
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	1	1	0	0	1
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	1	1	0	0	1
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	1	1	0	0	1
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	1	1	0	0	1
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	1	1	0	0	1
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	1	1	0	0	1
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	1	1	0	0	1
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	1	1	0	0	1
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	58	1	24	33	6
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	59	2	24	33	7
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	7	1	4	2	4

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 06/23/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	45	1	24	20	2
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	54	1	24	29	3
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	54	1	24	29	3
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	54	1	24	29	3
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	58	1	24	33	6
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	60	3	24	33	8
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	60	1	28	31	6
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	60	1	28	31	6
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	38	3	24	11	8
		1535	469	609	457	256 (20)[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	8886	897	10.1	49	57.0	181.3	10/19/48-06/01/98	179.1
pH	4322	945	21.9	51	59.3	84.7	10/19/48-06/01/98	87.1
Conductivity	4310	1092	25.3	55	64.0	78.4	07/12/48-06/01/98	86.4
Dissolved Oxygen	5046	996	19.7	56	65.1	90.1	09/20/64-03/25/98	150.6
Water Temperature	6149	1051	17.1	62	72.1	99.2	04/25/49-03/25/98	125.7
Flow	1339	151	11.3	8	9.3	167.4	07/19/38-06/23/98	22.3
Clarity/Turbidity	2877	785	27.3	54	62.8	53.3	02/01/65-03/25/98	86.8
Nitrate/Nitrogen	4818	769	16.0	49	57.0	98.3	10/19/48-06/01/98	97.1
Phosphate/Phosphorus	2807	414	14.7	54	62.8	52.0	09/01/63-02/24/98	81.4
Chlorophyll	328	134	40.9	22	25.6	14.9	01/25/72-02/24/98	12.6
Sulfates/Total Dissolved Solids/Hardness	7001	705	10.1	47	54.7	149.0	07/12/48-06/01/98	140.3
Bacteria	13025	5545	42.6	39	45.3	334.0	10/12/66-06/01/98	411.7
Toxic Elements	1535	469	30.6	20	23.3	76.8	03/22/68-02/24/98	51.3

Water Quality Observations
Outside STORET Edit Criteria for LAMR

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
LAMR0063	00080	COLOR (PLATINUM-COBALT UNITS)	690227		600.0000000	11NPSWRD	LAMR_COOPER_4	
LAMR0063	00080	COLOR (PLATINUM-COBALT UNITS)	700421		700.0000000	11NPSWRD	LAMR_COOPER_4	
LAMR0063	00080	COLOR (PLATINUM-COBALT UNITS)	700611		600.0000000	11NPSWRD	LAMR_COOPER_4	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	690729	1150	6500.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	690825	1000	14750.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	690904	1130	8125.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	691027	0930	4875.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	700805	0200	14000.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	710816	0200	12500.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	711028	0200	3000.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	711122	0200	5500.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	720822	1000	10000.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	720908	1345	2400.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	730725	1900	15000.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	740808	1200	6000.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	790608	1200	8200.0000000	21TXWQB	10054	
LAMR0081	00070	TURBIDITY, (JACKSON CANDLE UNITS)	790914	1600	4700.0000000	21TXWQB	10054	
LAMR0081	00340	COD, .25N K2CR2O7 MG/L	750826	1300	6610.0000000	21TXWQB	10054	
LAMR0081	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	970407	1215	1040.0000000	21TXWQB	10054	
LAMR0081	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	760720	1200	22500.0000000	21TXWQB	10054	
LAMR0081	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	890627	0200	12000.0000000	21TXWQB	10054	
LAMR0081	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	970407	1215	12900.0000000	21TXWQB	10054	
LAMR0081	00665	PHOSPHORUS, TOTAL (MG/L AS P)	740422	1050	79.7400000	21TXWQB	10054	
LAMR0081	00665	PHOSPHORUS, TOTAL (MG/L AS P)	760720	1200	15.7000000	21TXWQB	10054	
LAMR0081	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	760720	1200	102.0000000	21TXWQB	10054	
LAMR0082	00070	TURBIDITY, (JACKSON CANDLE UNITS)	710811	1220	11000.0000000	112WRD	07227500	
LAMR0082	00070	TURBIDITY, (JACKSON CANDLE UNITS)	760421	1330	4200.0000000	112WRD	07227500	
LAMR0082	00070	TURBIDITY, (JACKSON CANDLE UNITS)	760803	1430	10000.0000000	112WRD	07227500	
LAMR0082	00070	TURBIDITY, (JACKSON CANDLE UNITS)	770810	1215	5500.0000000	112WRD	07227500	
LAMR0082	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	790831	1020	5000.0000000	112WRD	07227500	
LAMR0082	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	800425	1200	8400.0000000	112WRD	07227500	
LAMR0082	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	810609	1200	7300.0000000	112WRD	07227500	
LAMR0082	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	810819	1300	3700.0000000	112WRD	07227500	
LAMR0082	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	820614	0945	24000.0000000	112WRD	07227500	
LAMR0082	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	850523	1630	3200.0000000	112WRD	07227500	
LAMR0082	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	850725	1430	1400.0000000	112WRD	07227500	
LAMR0082	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	860826	1030	17000.0000000	112WRD	07227500	
LAMR0082	00080	COLOR (PLATINUM-COBALT UNITS)	840322	1030	560.0000000	112WRD	07227500	
LAMR0082	00080	COLOR (PLATINUM-COBALT UNITS)	840820	1215	2500.0000000	112WRD	07227500	
LAMR0082	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	740501	1600	218.0000000	112WRD	07227500	
LAMR0082	00405	CARBON DIOXIDE (MG/L AS CO2)	630623		212.0000000	112WRD	07227500	

Water Quality Observations
Outside STORET Edit Criteria for LAMR

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
LAMR0082	00440	BICARBONATE ION (MG/L AS HCO3)	600405		472.0000000	112WRD	07227500	
LAMR0082	00440	BICARBONATE ION (MG/L AS HCO3)	600415		470.0000000	112WRD	07227500	
LAMR0082	00440	BICARBONATE ION (MG/L AS HCO3)	600517		485.0000000	112WRD	07227500	
LAMR0082	00440	BICARBONATE ION (MG/L AS HCO3)	620423		459.0000000	112WRD	07227500	
LAMR0082	00440	BICARBONATE ION (MG/L AS HCO3)	630415		530.0000000	112WRD	07227500	
LAMR0082	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	710811	1220	19800.0000000	112WRD	07227500	
LAMR0082	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	760803	1430	69200.0000000	112WRD	07227500	
LAMR0082	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	770810	1215	11700.0000000	112WRD	07227500	
LAMR0082	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	800818	1230	15300.0000000	112WRD	07227500	
LAMR0082	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	810609	1200	13900.0000000	112WRD	07227500	
LAMR0082	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	820614	0945	17000.0000000	112WRD	07227500	
LAMR0082	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	860826	1030	24900.0000000	112WRD	07227500	
LAMR0082	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	800818	1230	14100.0000000	112WRD	07227500	
LAMR0082	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	810609	1200	12700.0000000	112WRD	07227500	
LAMR0082	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	820614	0945	15900.0000000	112WRD	07227500	
LAMR0082	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720203	0820	34.0000000	112WRD	07227500	
LAMR0082	00665	PHOSPHORUS, TOTAL (MG/L AS P)	701208	1455	12.0000000	112WRD	07227500	
LAMR0082	00665	PHOSPHORUS, TOTAL (MG/L AS P)	760218	1410	11.0000000	112WRD	07227500	
LAMR0082	00665	PHOSPHORUS, TOTAL (MG/L AS P)	860826	1030	17.0000000	112WRD	07227500	
LAMR0082	00665	PHOSPHORUS, TOTAL (MG/L AS P)	910716	1400	15.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	581021		77.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	581101		83.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	581111		66.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	581201		77.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	590301		82.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	590401		88.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	591022		71.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	591111		84.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	591121		98.0000000	112WRD	07227500	
LAMR0082	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	600501		85.0000000	112WRD	07227500	
LAMR0085	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	890627	0200	13600.0000000	21TXWQB	10055	

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) LAMRTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) LAMRSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) LAMRAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) LAMRAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) LAMROV0.DOC - Overview of park and retrieved data.

(e) LAMROV1.DOC - Station period of record table.

(f) LAMROV2.DOC - Parameter period of record table.

(g) LAMROV3.DOC - Station/parameter period of record table.

(h) LAMRINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) LAMRSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) LAMREPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) LAMRIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) LAMRBAD.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 LAMROV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\LAMROV1.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) LAMRFIGS.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 LAMR0001. 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 LAMR0001) 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) LAMRPARM.ZIP

This file compresses LAMRPARM.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) LAMRSITE.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) LAMRWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) LAMRIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) LAMRDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) LAMRGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) LAMRDAMS.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) LAMRMISC.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) LAMREXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) LAMRTOC.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) LAMRREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) LAMRWQ - 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 (LAMRWQA, LAMRWQB, LAMRWQC, etc.) and the index map name will end with an ampersand (&).

(g) LAMRIDG - 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 (LAMRIDGA, LAMRIDGB, LAMRIDGC, 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) LAMRSEHY - 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 LAMRFIGS.ZIP and LAMRTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in LAMRMISC.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) LAMRRF3.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) LAMRWQMW.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: LAMRPARM.DBF in LAMRPARM.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: LAMRPARM.DBF in LAMRPARM.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: LAMRPARM.DBF in LAMRPARM.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: LAMRWQ.DBF in LAMRSITE.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: LAMRWQ.DBF in LAMRSITE.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: LAMRIFD.DBF in LAMRSITE.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: LAMRIFD.DBF in LAMRSITE.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: LAMRIFD.DBF in LAMRSITE.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: LAMRDRIN.DBF in LAMRSITE.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: LAMRDRIN.DBF in LAMRSITE.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: LAMRDRIN.DBF in LAMRSITE.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: LAMRGAGE.DBF in LAMRSITE.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: LAMRGAGE.DBF in LAMRSITE.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: LAMRDAMS.DBF in LAMRSITE.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: LAMRDAMS.DBF in LAMRSITE.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: LAMRDAMS.DBF in LAMRSITE.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: LAMRDAMS.DBF in LAMRSITE.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 LAMRRF3.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 LAMRRF3.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 LAMRRF3.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 LAMRRF3.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 LAMRRF3.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 LAMRRF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130*	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9+	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18+	1300[a]	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82+	15[a]	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400+	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1+	100[s]	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120+	5000[s]	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

Footnote Key:

*Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

+Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

***pH Dependent Criteria (7.8 pH Used).

=Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

^Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

#EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

!Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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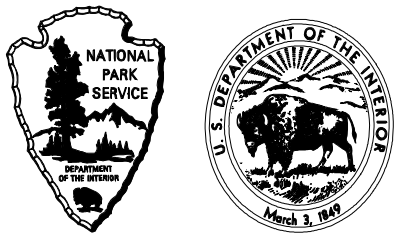
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